Department of Defense

Fiscal Year (FY) 2018 Budget Estimates

Military Construction

Family Housing

Defense-Wide

Justification Data Submitted to Congress

May 2017

FY 2018 Budget Estimates
Military Construction, Defense-Wide
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Preparation of the Defense-Wide budget, excluding revolving funds, cost the Department of Defense a total of approximately $1,150,000 in FY 2017.

FY 2018 Military Construction, Defense-Wide
($ in Thousands)

State/Installation/Project	Authorization Request	Approp. Request	New/ Current Mission	Page No.
California				
Defense Health Agency				
Camp Pendleton				
Ambulatory Care Center Replacement	26,400	26,400	C	4
U.S Special Operations Command				
Camp Pendleton				
SOF Marine Battalion Company/Team Facilities	9,958	9,958	C	140
SOF Motor Transport Facility Expansion	7,284	7,284	C	14
Coronado				
SOF Basic Training Command	96,077	96,077	C	147
SOF Logistics Support Unit One Ops Fac. #3	46,175	46,175	C	150
SOF SEAL Team Ops Facility	66,218	66,218	C	153
SOF SEAL Team Ops Facility	50,265	50,265	C	156
Colorado				
Defense Health Agency				
Schriever Air Force Base				
Ambulatory Care Center/ Dental Addition/Alteration	10,200	10,200	C	8
Florida				
Defense Logistics Agency				
Eglin Air Force Base				
Upgrade Open Storage Yard	4,100	4,100	C	57
U.S. Special Operations Command				
Eglin Air Force Base				
SOF Simulator Facility	5,000	5,000	C	160
Hurlburt Field				
SOF Combat Aircraft Parking Apron	34,700	34,700	C	164
SOF Simulator and Fuselage Trainer Facility	11,700	11,700	C	167
Georgia				
Defense Health Agency				
Fort Gordon				
Blood Donor Center Replacement	10,350	10,350	C	12

FY 2018 Military Construction, Defense-Wide
($ in Thousands)

State/Installation/Project	Authorization Request	Approp. Request	New/ Current Mission	Page No.
Hawaii				
National Security Agency				
Kunia				
NSAH Kunia Tunnel Entrance	5,000	5,000	C	126
Maryland				
Defense Health Agency				
Walter Reed National Military Medical Center				
Medical Center Addition/Alteration Increment 2	-	123,800	C	16
National Security Agency				
Fort Meade				
NSAW Recapitalization Building #2 Increment 3	-	313,968	C	129
Missouri				
Defense Health Agency				
Fort Leonard Wood				
Blood Processing Center Replacement	11,941	11,941	C	22
Hospital Replacement Phase 1	250,000	250,000	C	25
National Geospatial-Intelligence Agency				
St. Louis				
Next NGA West (N2W) Complex Phase 1	381,000	381,000	C	117
New Mexico				
U.S. Special Operations Command				
Cannon Air Force Base				
SOF C-130 AGE Facility	8,228	8,228	C	171
North Carolina				
Defense Health Agency				
Camp Lejeune				
Ambulatory Care Center Addition/Alteration	15,300	15,300	C	30
Ambulatory Care Center/Dental Clinic	21,400	21,400	C	33
Ambulatory Care Center/Dental Clinic	22,000	22,000	C	36
Defense Logistics Agency				
Seymour Johnson Air Force Base				
Construct Tanker Truck Delivery System	20,000	20,000	C	60
U.S. Special Operations Command				
Camp Lejeune				
SOF Human Performance Training Center	10,800	10,800	C	175
SOF Motor Transport Maintenance Expansion	20,539	20,539	C	178

FY 2018 Military Construction, Defense-Wide
($ in Thousands)

State/Installation/Project	Authorization Request	Approp. Request	New/ Current Mission	Page No.
Fort Bragg				
SOF Human Performance Training Center	20,260	20,260	C	186
SOF Support Battalion Admin Facility	13,518	13,518	C	189
SOF Tactical Equipment Maintenance Facility	20,000	20,000	C	192
SOF Telecom Reliability Improvements	4,000	4,000	C	182
South Carolina				
Defense Logistics Agency				
Shaw Air Force Base				
Consolidate Fuel Facilities	22,900	22,900	C	63
Texas				
Defense Health Agency				
Fort Bliss				
Blood Processing Center	8,300	8,300	C	40
Hospital Replacement Increment 8	-	251,330	C	43
Utah				
Defense Logistics Agency				
Hill Air Force Base				
Replace POL Facilities	20,000	20,000	C	67
Virginia				
Defense Logistics Agency				
Norfolk				
Replace Hazardous Materials Warehouse	18,500	18,500	C	71
Portsmouth				
Replace Hazardous Materials Warehouse	22,500	22,500	C	75
U.S. Special Operations Command				
Joint Expeditionary Base Little Creek-Story				
SOF SATEC Range Expansion	23,000	23,000	C	196
Washington Headquarters Services				
Pentagon				
Pentagon Corridor 8 Pedestrian Access Control Point	8,140	8,140	C	229
Security Updates	13,260	13,260	C	239
Southeast Safety Traffic and Parking Improvements	28,700	28,700	C	233

FY 2018 Military Construction, Defense-Wide
($ in Thousands)

State/Installation/Project	Authorization Request	Approp. Request	New/ Current Mission	Page No.
CONUS Classified				
U.S. Special Operations Command				
Classified Location				
Battalion Complex Phase 1	64,364	64,364	C	223
Germany				
Defense Health Agency				
Rhine Ordnance Barracks				
Medical Center Replacement Increment 7	-	106,700	C	48
DOD Education Activity				
Spangdahlem Air Base				
Spangdahlem Elementary School Replacement	79,141	79,141	C	109
Stuttgart				
Robinson Barracks Elementary School Replacement	46,609	46,609	C	105
Greece				
Defense Logistics Agency				
Souda Bay				
Construct Hydrant System	18,100	18,100	C	79
Guam				
Defense Logistics Agency				
Andersen Air Force Base				
Construct Truck Load and Unload Facility	23,900	23,900	C	82
Italy				
Defense Logistics Agency				
Sigonella				
Construct Hydrant System	22,400	22,400	C	85
DOD Education Activity				
Vicenza				
Vicenza High School Replacement	62,406	62,406	C	113

FY 2018 Military Construction, Defense-Wide
($ in Thousands)

State/Installation/Project	Authorization Request	Approp. Request	New/ Current Mission	Page No.
Japan				
Defense Logistics Agency				
Iwakuni				
Construct Bulk Storage Tanks Phase 1	30,800	30,800	C	89
Okinawa				
Replace Mooring System	11,900	11,900	C	92
Sasebo				
Upgrade Fuel Wharf	45,600	45,600	C	95
U.S. Special Operations Command				
Kadena Air Base				
SOF Maintenance Hangar*	-	3,972	C	200
SOF Special Tactics Operations Facility	27,573	27,573	C	203
Torri Commo Station				
SOF Tactical Equipment Maintenance Facility	25,323	25,323	C	207
Yokota Air Base				
Airfield Apron*	-	10,800	C	211
Hangar/Aircraft Maintenance Unit*	-	12,034	C	214
Operations and Warehouse Facilities*	-	8,590	C	217
Simulator Facility*	-	2,189	C	220
Puerto Rico				
DOD Education Activity				
Punta Borinquen				
Ramey Unit School Replacement	61,071	61,071	C	100
United Kingdom				
National Security Agency				
Menwith Hill Station				
RAFMH Main Gate Rehabilitation	11,000	11,000	C	135
Defense Level Activities/Worldwide Unspecified				
Energy Resilience and Conservation Investment Program	150,000	150,000	C	242
Contingency Construction	-	10,000	C	244

FY 2018 Military Construction, Defense-Wide
($ in Thousands)

State/Installation/Project	Authorization Request	Approp. Request	New/ Current Mission	Page No.
Unspecified Minor Construction			C	246
Defense Health Agency	-	10,000		
Defense Logistics Agency	-	2,039		
DOD Education Activity	-	8,000		
Missile Defense Agency	-	3,000		
National Security Agency	-	3,000		
U.S. Special Operations Command	-	7,384		
Joint Chiefs of Staff	-	11,490		
Defense Level Activities	-	3,000		
Total Minor Construction	**-**	**47,913**		
Planning and Design			C	248
Defense Health Agency	-	40,220		
Defense Information Systems Agency	-	1,150		
Defense Logistics Agency	-	23,012		
DoD Education Activity	-	26,147		
National Security Agency	-	20,000		
U.S. Special Operations Command	-	39,746		
Washington Headquarters Services	-	1,942		
Defense Level Activities	-	13,500		
ERCIP Design	-	10,000		
Total Planning and Design	**-**	**175,717**		
Total Military Construction, Defense-Wide	**2,047,900**	**3,114,913**		

Cost to complete - FY 17 projects.

FY 2018 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, $3,114,913,000 to remain available until September 30, 2022: *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 $175,717,000 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 2018 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 energy and water efficiency and energy resilience 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 2018. 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:

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

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 2018 Base Budget Estimates
Military Construction, Defense-Wide
Agency Summary
($000)

	Authorization	Appropriations
Defense Health Agency	**375,891**	**857,721**
Defense Logistics Agency	**260,700**	**260,700**
DoD Dependents Education Activity	**249,227**	**249,227**
National Geospatial-Intelligence Agency	**381,000**	**381,000**
National Security Agency	**16,000**	**329,968**
U.S. Special Operations Command	**564,982**	**602,567**
Washington Headquarters Services	**50,100**	**50,100**
Energy Resilience and Conservation Invest Prog	**150,000**	**150,000**
Contingency Construction	**-**	**10,000**
Minor Construction	**-**	**47,913**
Planning and Design	**-**	**175,717**
TOTAL	**2,047,900**	**3,114,913**

Defense Health Agency
FY 2018 Military Construction, Defense-Wide
($ in Thousands)

State/Installation/Project	Authorization Request	Approp. Request	New/ Current Mission	Page No.
California				
Camp Pendleton				
Ambulatory Care Center Replacement	26,400	26,400	C	4
Colorado				
Schriever Air Force Base				
Ambulatory Care Center/ Dental Addition/Alteration	10,200	10,200	C	8
Georgia				
Fort Gordon				
Blood Donor Center Replacement	10,350	10,350	C	12
Maryland				
Walter Reed National Military Medical Center, Bethesda				
Medical Center Addition/Alteration Increment 2	-	123,800	C	16
Missouri				
Fort Leonard Wood				
Blood Processing Center Replacement	11,941	11,941	C	22
Hospital Replacement Phase 1	250,000	250,000	C	25
North Carolina				
Camp Lejeune (French Creek)				
Ambulatory Care Center Addition/Alteration	15,300	15,300	C	30
Camp Lejeune (Hadnot Point)				
Ambulatory Care Center/ Dental Clinic Replacement	21,400	21,400	C	33

Defense Health Agency
FY 2018 Military Construction, Defense-Wide
($ in Thousands)

State/Installation/Project	Authorization Request	Approp. Request	New/ Current Mission	Page No.
Camp Lejeune (Wallace Creek)				
Ambulatory Care Center/ Dental Clinic	22,000	22,000	C	36
Texas				
Fort Bliss				
Blood Processing Center	8,300	8,300	C	40
Hospital Replacement Increment 8	-	251,330	C	43
Germany				
Rhine Ordnance Barracks				
Medical Center Replacement Increment 7	-	106,700	C	48
Total	**375,891**	**857,721**		

1. COMPONENT	FY 2018 MILITARY CONSTRUCTION PROGRAM	2. DATE
DEF (DHA)		MAY 2017

3. INSTALLATION AND LOCATION	4. COMMAND	5. AREA CONSTRUCTION COST INDEX
Camp Pendleton, California	Commandant of the Marine Corps	1.10

6. PERSONNEL STRENGTH:	PERMANENT			STUDENTS			SUPPORTED			
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF 30 SEP 2016	3,648	36,639	3,029	728	31,097	83	0	0	50,475	125,699
B. END FY 2021	3,592	35.677	3,119	641	28,318	47	0	0	50,475	121,869

7. INVENTORY DATA ($000)

A. TOTAL AREA	127,208 Acres	
B. INVENTORY TOTAL AS OF 1 JANUARY 2017		12,420,114
C. AUTHORIZATION NOT YET IN INVENTORY		25,300
D. AUTHORIZATION REQUESTED IN THIS PROGRAM		26,400
E. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM		0
F. PLANNED IN NEXT THREE YEARS		0
G. REMAINING DEFICIENCY		0
H. GRAND TOTAL		12,471,814

8. PROJECTS REQUESTED IN THIS PROGRAM:

CATEGORY CODE	PROJECT NUMBER	PROJECT TITLE	SCOPE	COST ($000)	DESIGN START	DESIGN COMPLETE
550	14021	Ambulatory Care Center Replacement	46,,483 SF	26,400	07 / 2016	12 / 2017

9. FUTURE PROJECTS:

CATEGORY CODE	PROJECT TITLE	SCOPE	COST ($000)
A.	INCLUDED IN THE FOLLOWING PROGRAM (FY 2019): None		0
B.	PLANNED NEXT THREE PROGRAM YEARS (FY 2020-2021): None		0
C.	R&M UNFUNDED REQUIREMENT:		586,186

10. MISSION OR MAJOR FUNCTION:

MCB Camp Pendleton supports the combat readiness of 1st Marine Expeditionary Force units by providing training, logistic, garrison, 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. The base conducts specialized schools and other training and receives and processes students in order to conduct field training in basic combat skills. MCB Pendleton promotes the combat readiness of the Operating Forces and supports the mission of other tenant commands.

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 2018 MILITARY CONSTRUCTION PROJECT DATA**	2. Date MAY 2017
3. Installation and Location/UIC: MCB Camp Pendleton, California	4. Project Title: Ambulatory Care Center Replacement	

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
87717HP	55010	14021	26,400

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
PRIMARY FACILITIES Medical Clinic Replacement - CATCODE 55010	SF	46,483	378	(17,570)
SUPPORTING FACILITIES				6,240
Electrical Service	LS	--	--	(460)
Water, Sewer, Gas	LS	--	--	(170)
Parking, Paving, Walks, Curbs and Gutters	LS	--	--	(510)
Storm Drainage	LS	--	--	(70)
Site Imp (2,590) Demo (1,500)	LS	--	--	(4,090)
Information Systems	LS	--	--	(50)
Antiterrorism/Force Protection	LS	--	--	(190)
Other (O&M Manuals, PCAS, and Enhanced Commissioning)	LS	--	--	(700)
ESTIMATED CONTRACT COST				23,810
CONTINGENCY PERCENT (5.00%)				1,190
SUBTOTAL				25,000
SUPERVISION, INSPECTION & OVERHEAD (5.70%)				1,425
TOTAL REQUEST				26,425
TOTAL REQUEST (ROUNDED)				26,400
INSTALLED EQT-OTHER APPROPRIATIONS				(5,323)

10. Description of Proposed Construction:
Construct a replacement clinic. Supporting facilities include utilities, site improvements, parking, signage, 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, and MHS World Class principles per World Class Checklist Requirements. Operation and Maintenance Manuals, and Enhanced Commissioning will be provided.

11. REQ: 424,758 SF ADQT: 378,275 SF SUBSTD: 13,418 SF

PROJECT:
Construct a consolidated Ambulatory Care Center replacement to provide a modern facility for delivering medical care to members at Camp Pendleton (Area 13), in compliance with the Marine Centered Medical Home (MCMH) concept supporting Marine Active Duty personnel currently being seen in substandard Battalion Aid Stations (BAS) located across MCB Camp Pendleton. The new clinic will include Primary Care, Sports Medicine and Reconditioning Team (SMART) clinic, Physical Therapy, Preventative Medicine, ancillaries, and supporting administrative functions. (CURRENT MISSION)

REQUIREMENT:
This project replaces the existing Naval Health Clinic.

1. Component DEF (DHA)	**FY 2018 MILITARY CONSTRUCTION PROJECT DATA**	2. Date MAY 2017

3. Installation and Location/UIC:	4. Project Title:
MCB Camp Pendleton, California	Ambulatory Care Center Replacement

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
87717HP	55010	14021	26,400

CURRENT SITUATION:

The existing clinic at MCB Camp Pendleton was built in 1976. However, the facility lacks the capacity to accommodate the full range of required services, resulting in a dispersion of patients and personnel into various non-medical buildings. The Marines assigned to the adjacent in 14 and 16 Areas are receiving their primary care in Battalion Aid Stations in buildings of opportunity, incompatible with clinical standards. This project corrects sub-standard environment of care for operational forces receiving care while in garrison and to implement the MCMH. This initiative is intended to improve health outcomes, enhance patient and provider satisfaction, and control health care costs through improved access to quality care.

IMPACT IF NOT PROVIDED:

Required medical services for Marine in-Garrison care will continue to be provided in substandard, inefficient and dispersed facilities housing small BAS spaces not meeting The Joint Commissions (TJC).

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. Design Data:

(1) Status:

(a) Design Start Date	JUL 2016
(b) Percent of Design Completed as of JAN 2017	20%
(c) Expected 35% Design Date	APR 2017
(d) 100% Design Completion Date	DEC 2017

(e) Parametric Estimate (YES/NO) N

(f) Type of Design Contract:

1. Design Build (YES/NO) N
2. Design, Bid-Build (YES/NO) Y
3. Site Adapt (YES/NO) N

(g) Energy Studies & Life Cycle Analysis Performed (Yes or No) Y

(2) Basis:

(a) Standard or Definitive Design - (YES/NO) N

(b) Where Design Was Most Recently Used N/A

(3) Total Design Cost (c)=(a)+(b) OR (d)+(e):

	Cost ($000)
(a) Production of Plans and Specifications	1,573
(b) All Other Design Costs	1,287
(c) Total Design Cost	2,860
(d) Contract	2,574
(e) In-house	286

(4) Construction Contract Award Date	JUL 2018
(5) Construction Start Date	AUG 2018
(6) Construction Completion Date	DEC 2020

1. Component DEF (DHA)	**FY 2018 MILITARY CONSTRUCTION PROJECT DATA**	2. Date MAY 2017

3. Installation and Location/UIC:	4. Project Title:
MCB Camp Pendleton, California	Ambulatory Care Center Replacement

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
87717HP	55010	14021	26,400

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	FY2018	1,104
Expense	OM	FY2019	3,736
Expense	OP	FY2020	483

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

1. COMPONENT	FY 2018 MILITARY CONSTRUCTION PROGRAM	2. DATE
DEF (DHA)		MAY 2017

3. INSTALLATION AND LOCATION	4. COMMAND	5. AREA CONSTRUCTION COST INDEX
Schriever Air Force Base, Colorado	Air Force Space Command	1.09

6. PERSONNEL STRENGTH:	PERMANENT			STUDENTS			SUPPORTED			
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF SEP 30 2016	607	1,204	8,976	0	0	0	164	314	0	11,085
B. END FY 2022	889	1,499	13,142	0	0	0	240	457	0	16,227

7. INVENTORY DATA ($000)

A. TOTAL AREAGE	3,840 Acres	
B. INVENTORY TOTAL AS OF SEPTEMBER 30, 2016		0
C. AUTHORIZATION NOT YET IN INVENTORY		0
D. AUTHORIZATION REQUESTED IN THIS PROGRAM		10,200
E. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM		0
F. PLANNED IN NEXT THREE YEARS		0
G. REMAINING DEFICIENCY		0
H. GRAND TOTAL		10,200

8. PROJECTS REQUESTED IN THIS PROGRAM:

CATEGORY CODE	PROJECT NUMBER	PROJECT TITLE	SCOPE	COST ($000)	DESIGN START	STATUS COMPLETE
550	77987	Ambulatory Care Center/Dental Addition/Alteration	18,930 SF	10,200	05 / 2016	09 / 2018

9. FUTURE PROJECTS:

CATEGORY CODE	PROJECT TITLE	SCOPE	COST ($000)
A.	INCLUDED IN THE FOLLOWING PROGRAM (FY 2019): None		0
B.	PLANNED NEXT THREE PROGRAM YEARS (FY 2020 – 2022): None		0
C.	R&M Unfunded Requirements		None

10. MISSION OR MAJOR FUNCTION:

The 21st Medical Group is comprised of more than 500 medical professionals that provide healthcare and mission-readiness support for more than 25,000 active duty, retired and family member DOD beneficiaries of the 21st Space Wing, 50th Space Wing, Colorado Springs community and 39 geographically separated units around the globe. The group consists of a 10-building medical campus geographically distributed across three military installations and is also home to the DOD's largest Area Dental Laboratory which supports tri-service and Veterans Affairs dental facilities throughout the continental United States.

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

Component DEF (DHA)	**FY 2018 MILITARY CONSTRUCTION PROJECT DATA**	2. Date MAY 2017
3. Installation and Location/UIC: Schriever Air Force Base, Colorado	4. Project Title: Ambulatory Care Center/Dental Addition/Alteration	

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
87717HP	55010	77987	10,200

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
PRIMARY FACILITIES				7,387
Medical Clinic Addition – CATCODE 55010	SF	14,100	392	(5,524)
Medical Clinic Alteration – CATCODE 55010	SF	3,830	328	(1,257)
Dental Clinic Alterations – CATCODE 54010	SF	1,000	606	(606)
SUPPORTING FACILITIES				1,342
Electric Service	LS	--	--	(163)
Water, Sewer, Gas	LS	--	--	(110)
Parking, Paving, Walks, Curbs And Gutters	LS	--	--	(101)
Storm Drainage	LS	--	--	(194)
Site Imp (351) Demo (91)	LS	--	--	(442)
Information Systems	LS	--	--	(36)
Antiterrorism/Force Protection	LS	--	--	(57)
Special Foundation	LS	--	--	(70)
Other (O&M Manuals, DDC, and Enhanced Commissioning)	LS	--	--	(169)
ESTIMATED CONTRACT COST				8,729
CONTINGENCY PERCENT (5.00%)				436
SUBTOTAL				9,165
SUPERVISION, INSPECTION & OVERHEAD (5.70%)				522
DESIGN/BUILD-DESIGN COST (6.00%)				524
TOTAL REQUEST				10,211
TOTAL REQUEST (ROUNDED)				10,200
INSTALLED EQT-OTHER APPROPRIATIONS				(1,495)

10. Description of Proposed Construction:
Construct an addition and alterations to the existing clinic. Supporting facilities include commissioning, utilities, site improvements, access drive, parking, and Low Impact Development. 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 and Enhanced Commissioning will be provided.

11. REQ:		ADQT:	SUBSTD:
CATCODE 55010	17,930 SF	0 SF	3,830 SF
CATCODE 54010	1,710 SF	710 SF	1,000 SF

PROJECT:
Construct an addition/alteration to an existing medical/dental clinic. The project will include Behavioral Health, Primary Care, Flight Medicine, Preventative Medicine, Dental, Physical Therapy, Bioenvironmental Engineering, ancillaries, and administrative and support areas (CURRENT MISSION).

Component DEF (DHA)	**FY 2018 MILITARY CONSTRUCTION PROJECT DATA**	2. Date MAY 2017
3. Installation and Location/UIC: Schriever Air Force Base, Colorado	4. Project Title: Ambulatory Care Center/Dental Addition/Alteration	

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
87717HP	55010	77987	10,200

REQUIREMENT:

The Schriever Air Force Base (AFB) community, which includes the 50th Space Wing, the Space Innovation and Development Center, the Missile Defense Agency's joint National Integration Center, and the 310th Space Group, requires an expanded Medical/Dental Clinic to support the 21st Medical Squadron's mission to provide primary and selected non-surgical specialty care to Active Duty members and their families. The facility must be capable of providing safe, efficient and uninterrupted outpatient care, and keep critical personnel close to the critical operations supporting the base's highly secure and sensitive mission.

CURRENT SITUATION:

The existing facility at Schriever AFB was built to serve Active Duty patients only. However, with the construction in 2010 of 242 family housing units, the number of beneficiaries utilizing the clinic's services increased by over 750 Active Duty Family Members. The number of Active Duty personnel assigned to the base has also increased. As a result, the existing facility is not adequately sized to accommodate the increased workload. In addition to size, the current facility is not configured to effectively handle patients' needs, especially with regards to the provision of privacy in the area of Behavioral Health.

IMPACT IF NOT PROVIDED

Mission fulfillment will be placed at risk if Active Duty and mission-critical personnel must leave the base to receive medical care. Active Duty Family Members will continue to be underserved. Additional healthcare providers required to handle the workload will not be provided with adequate space. The layout and configuration of the facility will continue to adversely affect privacy requirements, efficient workflow and safety.

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. Design Data:

(1) Status:

(a) Design Start Date:	MAY 2016
(b) Percent of Design Completed as of JAN 2017:	25%
(c) Expected 35% Design Date:	AUG 2017
(d) Expected 100% Design Completion Date:	SEP 2018

(e) Parametric Estimate (YES/NO) Y

(f) Type of Design Contract:

1. Design Build (YES/NO) Y
2. Design, Bid-Build (YES/NO) N
3. Site Adapt (YES/NO) N

(g) Energy Studies & Life Cycle Analysis Performed (Yes or No) Y

(2) Basis:

(a) Standard or Definitive Design - (YES/NO) N

(b) Where Design Was Most Recently Used N/A

Component DEF (DHA)	**FY 2018 MILITARY CONSTRUCTION PROJECT DATA**	2. Date MAY 2017
3. Installation and Location/UIC: Schriever Air Force Base, Colorado	4. Project Title: Ambulatory Care Center/Dental Addition/Alteration	

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
87717HP	55010	77987	10,200

Supplemental Data (Continued):

(3) Total Design Cost (c)=(a)+(b) OR (d)+(e):	Cost ($000)
(a) Production of Plans and Specifications	635
(b) All Other Design Costs	519
(c) Total Design Cost	1,154
(d) Contract	1,039
(e) In-house	115
(4) Construction Contract Award Date	MAR 2018
(5) Construction Start Date	OCT 2018
(6) Construction Completion Date	JAN 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)
Expense	OM	2018	282
Expense	OM	2019	836
Investment	OP	2019	377

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

DD FORM 1391C, JUL 1999

1. COMPONENT	FY 2018 MILITARY CONSTRUCTION PROGRAM	2. DATE
DEF(DHA)		MAY 2017

3. INSTALLATION AND LOCATION	4. COMMAND	5. AREA CONSTRUCTION COST INDEX
Fort Gordon, Georgia	US Army Installation Command	0.89

6. PERSONNEL STRENGTH:

	PERMANENT			STUDENTS			SUPPORTED			
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF SEP 30 2016	2,081	5,893	3,337	832	4,415	20	187	2,915	5,675	25,346
B. END FY 2022	2,020	5,554	3,343	840	4,531	7	187	2,562	6,139	25,183

7. INVENTORY DATA ($000)

A. TOTAL AREAGE	58,524	
B. INVENTORY TOTAL AS OF SEPTEMBER 30, 2016		4,492,953
C. AUTHORIZATION NOT YET IN INVENTORY		0
D. AUTHORIZATION REQUESTED IN THIS PROGRAM		10,350
E. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM		0
F. PLANNED IN NEXT THREE YEARS		0
G. REMAINING DEFICIENCY		0
H. GRAND TOTAL		4,503,303

8. PROJECTS REQUESTED IN THIS PROGRAM:

CATEGORY CODE	PROJECT NUMBER	PROJECT TITLE	SCOPE	COST ($000)	DESIGN START	STATUS COMPLETE
530	76934	Blood Donor Center Replacement	18,734	10,350	06 /02016	09 /2018

9. FUTURE PROJECTS:

CATEGORY CODE	PROJECT TITLE	SCOPE	COST ($000)
A.	INCLUDED IN THE FOLLOWING PROGRAM (FY 2019):		
961	Planning and Design	N/A	0
B.	PLANNED NEXT THREE PROGRAM YEARS (FY2020-2022):		
961	Planning and Design	N/A	0
C.	R&M Unfunded Requirements		N/A

10. MISSION OR MAJOR FUNCTION:

Fort Gordon has numerous tenant units with diverse missions. The major tenant is the U.S. Army Signal Corps. Fort Gordon has the largest information technology and communications training school in the Armed Forces. It is also home to the U.S. Army Cyber Command, the Southeast (SE) Regional Medical Command, the SE Regional Veterinary Command, the SE Regional Dental Command, the 93rd Signal Brigade, the Gordon Regional Security Operations Center - one of three Joint CONUS-based intelligence platforms, the 513th MI Brigade - theater-level intelligence and security, and Reserve/National Guard units.

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

DD FORM 1390, JUL 1999

1. Component DEF (DHA)	**FY 2018 MILITARY CONSTRUCTION PROJECT DATA**	2. Date MAY 2017
3. Installation and Location/UIC: Fort Gordon, Georgia	4. Project Title: Blood Donor Center Replacement	

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
87717HP	53020	76934	10,350

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
PRIMARY FACILITIES				7,049
Blood Donor Center Replacement CATCODE 53020	SF	16,734	390	(6,526)
Canopy/Covered Outdoor Seating Area CATCODE 14179	SF	2,000	205	(410)
Standby/Emergency Generator	LS	--	--	(113)
SUPPORTING FACILITIES				1,799
Electric Services	LS	--	--	(277)
Water, Sewer, Gas	LS	--	--	(421)
Parking, Paving, Walks, Curbs and Gutters	LS	--	--	(154)
Storm Drainage	LS	--	--	(21)
Site Imp (504) and Demo (41)	LS	--	--	(545)
Information Systems	LS	--	--	(10)
Antiterrorism / Force Protection	LS	--	--	(21)
EISA 2007 Section 438 (Low Impact Development)	LS	--	--	(31)
Hazardous Material Abatement	LS	--	--	(10)
Other (O&M Manuals, DDC, Enhanced Commissioning)	LS	--	--	(309)
ESTIMATED CONTRACT COST				8,848
CONTINGENCY PERCENT (5.00%)				442
SUBTOTAL				9,290
SUPERVISION, INSPECTION & OVERHEAD (5.70%)				530
DESIGN/BUILD COST (6.00%)				531
TOTAL REQUEST				10,351
TOTAL REQUEST (ROUNDED)				10,350
INSTALLED EQT-OTHER APPROPRIATIONS				(1,310)

10. Description of Proposed Construction:
Construct a replacement blood processing center. This project will provide blood collection, processing, testing, storage and shipping of blood products. Supporting facilities include utilities, utility connection fees, site improvements, access road and parking. The existing blood donor facilities (Buildings BDC 001 and 25712) will be abated of hazardous materials and demolished. Building 40001 will be returned to the installation. The project will be designed in accordance with 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, and High Performance and Sustainable Building Requirements UFC 1-200-02. Operation and Maintenance Manuals, Enhanced Commissioning, and Design During Construction will be provided.

11.	REQ:	ADQT:	SUBSTD:
	CATCODE 53020 = 16,734 SF	0 SF	14,000 SF
	CATCODE 14179 = 2,000 SF	0 SF	0 SF

PROJECT:
Construct a replacement blood donor center.

REQUIREMENT:
The facility is required to provide blood components and patient therapeutics in support of an expanding mission. First, this

1. Component DEF (DHA)	**FY 2018 MILITARY CONSTRUCTION PROJECT DATA**	2. Date MAY 2017
3. Installation and Location/UIC: Fort Gordon, Georgia	4. Project Title: Blood Donor Center Replacement	

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
87717HP	53020	76934	10,350

REQUIREMENT (Continued):
facility will support the Armed Services Blood Program, which provides blood products to military medical treatment facilities in the continental United States and worldwide. Second, this facility will also provide increased operational support to units who use Fort Gordon as a Power Projection Platform during mobilization. Finally, this facility will provide critical support to East and West Regions in sustaining their collection quotas.

CURRENT SITUATION:
The current Blood Donor Center (BDC) (Building BDC 001) is a 9,940 SF relocatable facility, comprised of conjoined modular buildings. This facility was inhabited in 2013, replacing a previously utilized 4,060 SF Troop Medical Clinic (Building 25712) that was constructed in 1969 and ill-fitted for the blood mission. In addition to being temporary, the existing BDC is inadequate, undersized, and dysfunctional. Building 40001, used for storage of mobile blood drive equipment and supplies, is also in inadequate condition. Kendrick Memorial Blood Center (KMBC) supports the Armed Services Blood Program as the second largest collection and processing center out of 10 such centers worldwide. KMBC also has the unique mission of sustaining both the East and West Regions' collection quotas for blood products. As a Training and Doctrine installation, Fort Gordon's population includes a daily average of over 6,000 trainees as well as 54,000 reservists and Army and Navy Reserve Officer Training Corps students.

IMPACT IF NOT PROVIDED:
If this project is not provided, the staff and donors will continue to utilize an undersized, inefficient facility in which case there will be insufficient resources to adequately meet the worldwide military responsibilities demanded of this KMBC.

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. Design Data (Estimated):

(1) Status:

(a) Design Start Date	JUN 2016
(b) Percent of Design Completed as of 1 JAN 2017	2%
(c) Expected 35% Design Date	OCT 2017
(d) 100% Design Completion Date	SEP 2018

(e) Parametric Design (Yes or No) Y Parametric estimates have been used to develop project costs.

(f) Type of Design Contract:

1. Design Build (YES/NO) Y
2. Design, Bid-Build (YES/NO) N
3. Site Adapt (YES/NO) N

(g) Energy Studies & Life Cycle Analysis Performed (Yes or No) Y

(2) Basis:

(a) Standard or Definitive Design - (YES/NO) N

(b) Where Design Was Most Recently Used N/A

(3) Total Design Cost (c)=(a)+(b) OR (d)+(e):

	Cost ($000)
(a) Production of Plans and Specifications	170
(b) All Other Design Costs	590

1. Component DEF (DHA)	**FY 2018 MILITARY CONSTRUCTION PROJECT DATA**	2. Date MAY 2017
3. Installation and Location/UIC: Fort Gordon, Georgia	4. Project Title: Blood Donor Center Replacement	

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
87717HP	53020	76934	10,350

Supplemental Data (Continued):

(c) Total Design Cost	760
(d) Contract	610
(e) In-house	150
(4) Contract Award Date	MAR 2018
(5) Construction Start Date	OCT 2018
(6) Construction Completion Date	APR 2020

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	$470
Investment	OP	2018	$ 68
Expense	OM	2019	$704
Investment	OP	2019	$ 68

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

DD FORM 1391C, JUL 1999

1. COMPONENT	FY 2018 MILITARY CONSTRUCTION PROGRAM	2. DATE
DEF (DHA)		MAY 2017

3. INSTALLATION AND LOCATION	4. COMMAND	5. AREA CONSTRUCTION COST INDEX
NAVSUPPACT Bethesda, Maryland	Chief, Bureau of Medicine and Surgery	1.03

6. PERSONNEL STRENGTH:	PERMANENT			STUDENTS			SUPPORTED			
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF SEP 30 2016	2,630	1,589	355	0	0	0	56	36	0	4,666
B. END FY 2021	2,530	869	355	0	0	0	56	36	0	3,846

7. INVENTORY DATA ($000)

A. TOTAL AREA	243 Acres
B. INVENTORY TOTAL AS OF 30 SEPTEMBER 2016	2,180,691
C. AUTHORIZATION NOT YET IN INVENTORY	510,000
D. AUTHORIZATION REQUESTED IN THIS PROGRAM	0
E. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM	0
F. PLANNED IN NEXT THREE YEARS	336,200
G. REMAINING DEFICIENCY	68,636
H. GRAND TOTAL	3,095,527

8. PROJECTS REQUESTED IN THIS PROGRAM:

CATEGORY CODE	PROJECT NUMBER	PROJECT TITLE	SCOPE	COST ($000)	DESIGN START	DESIGN COMPLETE
510	81420	MEDCEN Addition/Alteration Incr 2	713,978 SF	123,800	02 / 2013	07 / 2016

9. FUTURE PROJECTS:

CATEGORY CODE	PROJECT TITLE	SCOPE	COST ($000)
A. 510	INCLUDED IN THE FOLLOWING PROGRAM (2019): Medical Center Addition/Alteration, Incremental 3	LS	206,200
B. 510	PLANNED NEXT THREE PROGRAM YEARS (FY2020-2022): Medical Center Addition/Alteration, Incremental 4	LS	130,000
		Total:	336,200
C.	R&M UNFUNDED REQUIREMENT:		

10. MISSION OR MAJOR FUNCTION:

To lead military medicine in the areas of medical care, research, and education. To support tenant commands in their pursuit of excellence in patient care, medical research and education. To tactically execute efficient and effective shore installation management services and programs in support of mission commanders to enable combat readiness for fleet, fighter, and family.

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:

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

DD FORM 1390, JUL 1999

1. Component DEF (DHA)	**FY 2018 MILITARY CONSTRUCTION PROJECT DATA**	2. Date MAY 2017

3. Installation and Location:	4. Project Title:
Naval Support Activity Bethesda, Maryland	Medical Center Addition/Alteration, Increment 2

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
87717HP	51010	81420	Approp 123,800

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
PRIMARY FACILITIES				361,193
Medical Center Addition - CATCODE 51010	SF	589,928	525	(309,712)
Medical Center Alteration - CATCODE 51010	SF	124,050	415	(51,481)
SUPPORTING FACILITIES				98,364
Electric Service	LS	--	--	(4,590)
Water, Sewer, Gas	LS	--	--	(3,992)
Steam and Chilled Water Distribution	LS	--	--	(2,836)
Paving, Walks, Curbs and Gutters	LS	--	--	(10,397)
Storm Drainage	LS	--	--	(3,881)
Site Imp (13,348) Demo (8,148)	LS	--	--	(21,496)
Information Systems	LS	--	--	(3,945)
Antiterrorism/Force Protection	LS	--	--	(3,945)
Construction Phasing	LS	--	--	(9,865)
Special Foundation	LS	--	--	(11,033)
EISA 2007 Low Impact Development Compliance	LS	--	--	(2,259)
Other (O&M Manuals, Post Construction Award Services, Enhanced Commissioning) and Below Grade Coordination	LS	--	--	(20,125)
ESTIMATED CONTRACT COST				459,557
CONTINGENCY PERCENT (5.00%)				22,978
SUBTOTAL				482,535
SUPERVISION, INSPECTION & OVERHEAD (5.70%)				27,504
TOTAL REQUEST				510,039
TOTAL REQUEST (ROUNDED)				510,000
PREVIOUS APPROPRIATIONS				50,000
FUTURE APPROPRIATION REQUEST				336,200
CURRENT APPROPRIATION REQUEST (ROUNDED)				123,800
INSTALLED EQT-OTHER APPROPRIATIONS				(137,954)

10. Description of Proposed Construction:

This is the second increment of the NAVSUPPACT Bethesda MD, Medical Center Addition/Alteration (MCAA). The project will construct a new addition for in-patient and out-patient medical care, renovate the existing hospital Buildings 9 and 10, provide information systems, and provide appropriate antiterrorism measures. Deteriorated Buildings 2, 4, 6, 7, 8 and 100 of the main hospital complex will be demolished. Construction requires appropriate setbacks for access to natural light. Supporting facilities include utilities, paving, site improvements, special foundations, and environmental mitigation. 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. The project will be designed to LEED Healthcare (HC) Silver certified. Operations and Maintenance Manuals, Enhanced Commissioning, and Comprehensive Interior Design will be provided.

1. Component DEF (DHA)	**FY 2018 MILITARY CONSTRUCTION PROJECT DATA**	2. Date MAY 2017

3. Installation and Location:	4. Project Title:
Naval Support Activity Bethesda, Maryland	Medical Center Addition/Alteration, Increment 2

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
87717HP	51010	81420	Approp 123,800

11. REQ: 2,551,618 SF ADQT: 608,163 SUBSTD: 1,229,477 SF

PROJECT:
The using Activity for this project is: Walter Reed National Military Medical Center (WRNMMC). The project implements a comprehensive master plan to provide sufficient world-class military medical facilities and an integrated system of healthcare delivery for the National Capital Region. This renovation of, and addition to WRNMMC will provide wounded warriors, active duty military personnel, and other beneficiaries with world-class healthcare services based on the principles of evidence-based design. This project encompasses 124,050 SF of renovations to currently occupied space, demolition of approximately 332,000 SF of aged and deficient buildings, and the construction of a new 589,928 SF state-of-the-art medical services building that will address the facility and program deficiencies identified by the Defense Health Board in their 2009 report. Specific goals of the project include single-bed patient rooms, promotion of family-centered care, use of natural light, and establishing clear way finding for patients, families, visitors and staff. The project will right-size the facility, modernize architectural and engineering systems, improve clinical spaces to support adjacencies, provide functional areas for the Women's Center and Ambulatory Surgery suites. The project will also modernize the Graduate and Professional Medical Education facility, and integrate the latest medical technologies throughout the medical center infrastructure. (CURRENT MISSION)

REQUIREMENT:
The Joint Task Force for the WRNMMC completed a 2010 study that was published as the WRNMMC Medical Facilities Master Plan. The new construction and renovations incorporates the study findings and will provide new space at the center of the existing complex, with five levels of finished above grade construction and a basement level. New north-south and east-west major axes of travel will be established, and will include a new major public entrance on the east side of the facility. Development of these direct pathways will facilitate way finding and improve connectivity among clinics, offices and community facilities.

CURRENT SITUATION:
The current hospital configuration does not meet the needs of the military healthcare mission at this installation. The existing facility lacks flexibility, prohibits expansion, contains deficient electrical, mechanical and environmental engineering systems, and does not provide adequate space to meet health mission programs.

IMPACT IF NOT PROVIDED:
The concerns presented in the May 2009 report from the Defense Health Board will persist at this inefficient, outdated and deficient facility without modernization and improvement to its infrastructure, and the Walter Reed National Military Medical Center will not be able to provide proper healthcare and medical treatment to our military personnel.

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. Design Data:
(1) Status:
(a) Design Start Date FEB 2013

1. Component DEF (DHA)	**FY 2018 MILITARY CONSTRUCTION PROJECT DATA**	2. Date MAY 2017

3. Installation and Location:	4. Project Title:
Naval Support Activity Bethesda, Maryland	Medical Center Addition/Alteration, Increment 2

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
87717HP	51010	81420	Approp 123,800

Supplemental Data (Continued):

(b) Percent of Design Completed as of JAN 2017	100%
(c) Expected 35% Design Date	JAN 2014
(d) 100% Design Completion Date	JUL 2016
(e) Parametric Estimate (YES?NO) Y	
(f) Type of Design Contract:	
1. Design Build (YES/NO) N	
2. Design, Bid-Build (YES/NO) Y	
3. Site Adapt (YES/NO) N	
(g) Energy Studies & Life Cycle Analysis Performed (Yes or No) Y	

(2) Basis:

(a) Standard or Definitive Design - (YES/NO)	N
(b) Where Design Was Most Recently Used	N/A

(3) Total Design Cost (c)=(a)+(b) OR (d)+(e):	(Cost ($000)
(a) Production of Plans and Specifications	21,084
(b) All Other Design Costs	14,056
(c) Total Design Cost	35,140
(d) Contract	31,626
(e) In-house	3,514

(4) Construction Contract Award Date	SEP 2017
(5) Construction Start Date	AUG 2017
(6) Construction Completion Date	JUN 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)
Expense	OM	2017	6,350
Expense	OM	2018	19,967
Investment	OP	2019	6,959
Expense	OM	2019	8,576
Investment	OP	2020	6,959
Expense	OM	2020	60,032
Investment	OP	2021	6,959
Expense	OM	2021	17,152
Expense	OM	2022	5,000

1. Component DEF (DHA)	**FY 2018 MILITARY CONSTRUCTION PROJECT DATA**	2. Date MAY 2017

3. Installation and Location:	4. Project Title:
Naval Support Activity Bethesda, Maryland	Medical Center Addition/Alteration, Increment 2

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
87717HP	51010	81420	Approp 123,800

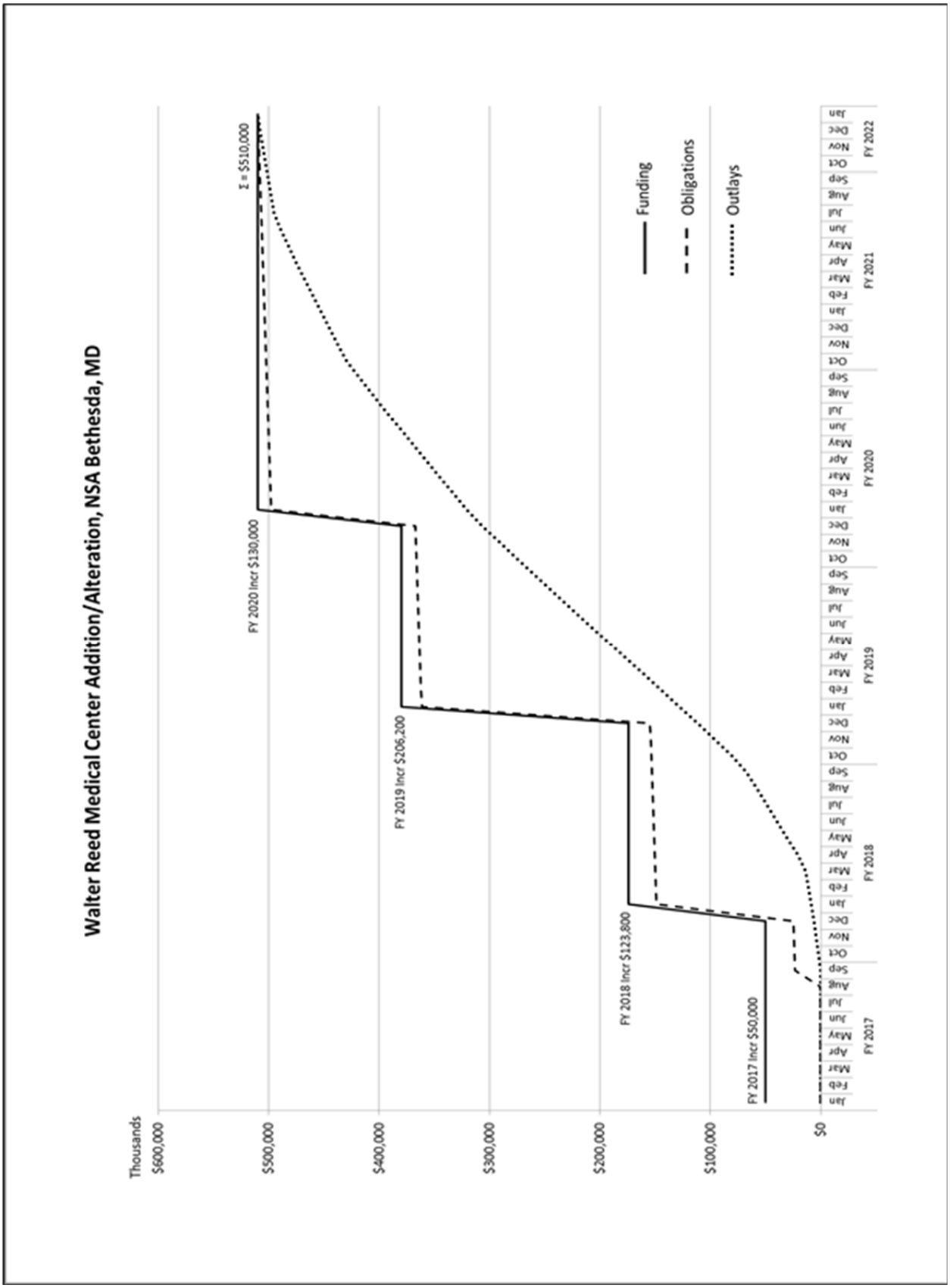
Supplemental Data (Continued):

FUNDING PROFILE:

Authorization	$ 510,000,000
Appropriations	
2017	$ 50,000,000
2018	$ 123,800,000
2019	$ 206,200,000
2020	$ 130,000,000
	$ 510,000,000

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

DD FORM 1391C, JUL 1999


Walter Reed Medical Center Addition/Alteration, NSA Bethesda, MD
Thousands
$600,000
$500,000
$400,000
$300,000
$200,000
$100,000
$0
Σ = $510,000
FY 2020 Incr $130,000
FY 2019 Incr $206,200
FY 2018 Incr $123,800
FY 2017 Incr $50,000
Funding
Obligations
Outlays
FY 2017
FY 2018
FY 2019
FY 2020
FY 2021
FY 2022
Jan
Feb
Mar
Apr
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Aug
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Oct
Nov
Dec

1. COMPONENT	FY 2018 MILITARY CONSTRUCTION PROGRAM	2. DATE
DEF (DHA)		MAY 2017

3. INSTALLATION AND LOCATION	4. COMMAND	5. AREA CONSTRUCTION COST INDEX
Fort Leonard Wood, Missouri	Installation Management Command	1.09

6. PERSONNEL STRENGTH:	PERMANENT			STUDENTS			SUPPORTED			
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF SEP 30 2016	876	5,048	2,834	1,110	15,843	67	190	2,398	3,323	31,689
B. END FY 2022	869	4,082	2,797	1,085	14,478	55	190	2,261	2,472	28,289

7. INVENTORY DATA ($000)

A. TOTAL AREAGE	63,270 Acres	
B. INVENTORY TOTAL AS OF SEPTEMBER 30, 2016		6,123,251
C. AUTHORIZATION NOT YET IN INVENTORY		60,751
D. AUTHORIZATION REQUESTED IN THIS PROGRAM		261,941
E. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM		0
F. PLANNED IN NEXT THREE YEARS		0
G. REMAINING DEFICIENCY		0
H. GRAND TOTAL		6,456,943

8. PROJECTS REQUESTED IN THIS PROGRAM:

CATEGORY CODE	PROJECT NUMBER	PROJECT TITLE	SCOPE	COST ($000)	DESIGN START	STATUS COMPLETE
510	77168	Hospital Replacement Phase 1	256,397SF	250,000	06 / 2017	06 / 2019
530	77140	Blood Processing Center Replacement	18,998	11,941	05 / 2017	01 / 2019

9. FUTURE PROJECTS:

CATEGORY CODE	PROJECT TITLE	SCOPE	COST ($000)
A.	INCLUDED IN THE FOLLOWING PROGRAM (FY 2019):	LS	0
B.	PLANNED NEXT THREE PROGRAM YEARS: (FY 2020– 2022) None		0
C.	R&M Unfunded Requirements		None

10. MISSION OR MAJOR FUNCTION:

Provides support and facilities for a US Army Training Center, US Army Engineer School, US Army Prime Power School, US Army Chemical School, US Army Military Police School, US Army Reception Station, Noncommissioned Officer Academy/Drill Sergeant School, US Army Hospital, major combat and combat support forces and other tenant activities. Supports Reserve Components and other satellite activities and units.

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

DD FORM 1390, JUL 1999

1. Component DEF (DHA)	**FY 2018 MILITARY CONSTRUCTION PROJECT DATA**	2. Date MAY 2017
3. Installation and Location/UIC: Fort Leonard Wood, Missouri	4. Project Title: Blood Processing Center Replacement	

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
87717DHA	53010	77140	11,941

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
PRIMARY FACILITIES				7,841
Blood Processing Center - CATCODE 53010	SF	18,998	389	(7,393)
EMCS Connection IDS Installation	LS	--	--	(138)
Building Information Systems	LS	--	--	(69)
Stand By Generator	LS	--	--	(241)
SUPPORTING FACILITIES				2,367
Electric Service	LS	--	--	(286)
Water, Sewer, Gas	LS	--	--	(162)
Parking, Paving, Walks, Curbs And Gutters	LS	--	--	(449)
Storm Drainage	LS	--	--	(180)
Site Imp (283) Demo (373)	LS	--	--	(656)
Information Systems	LS	--	--	(86)
Antiterrorism/Force Protection	LS	--	--	(86)
Special Foundations	LS	--	--	(140)
Utility Privatization Connection Fee	LS	--	--	(60)
Other (O&M Manuals, DDC, and Enhanced Commissioning)	LS	--	--	(262)
ESTIMATED CONTRACT COST				10,208
CONTINGENCY PERCENT (5.00%)				510
SUBTOTAL				10,718
SUPERVISION, INSPECTION & OVERHEAD (5.70%)				611
DESIGN/BUILD – DESIGN COST				612
TOTAL REQUEST				11,941
TOTAL REQUEST (NOT ROUNDED)				11,941
INSTALLED EQT-OTHER APPROPRIATIONS				(2,639)

10. Description of Proposed Construction:

Construct a Blood Processing Center. Supporting facilities include utilities, site improvements, parking, and demolition. 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, and Enhanced Commissioning will be provided.

11. REQ: 256,397 SF ADQT: NONE SUBSTD: 461,424 SF

PROJECT:

Construct a Blood Processing Center. (CURRENT MISSION)

REQUIREMENT:

The facility is required to provide blood components and patient therapeutics in support of an expanding mission. This facility supports the Armed Services Blood Program, providing blood components to operational forces and military medical treatment facilities worldwide. Locally, this facility provides blood products and blood draw

1. Component DEF (DHA)	FY 2018 MILITARY CONSTRUCTION PROJECT DATA	2. Date MAY 2017
3. Installation and Location/UIC: Fort Leonard Wood, Missouri	4. Project Title: Blood Processing Center Replacement	

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
87717DHA	53010	77140	11,941

REQUIREMENT (Continued):
capabilities for units/personnel mobilizing from this Mission Support Center of Excellence training 80,000 personnel.

CURRENT SITUATION:
The Ft. Leonard Wood Blood Processing Center (BPC) replaces the current Blood Donor Center (BDC), which occupies an undersized administrative building of opportunity. Additionally, The Army Surgeon's General issued OPORD 09-51 directing a requirement that the Blood Donor Center convert from its current mission and elevate their new mission to a Regional Blood Donor Processing Center. The expansion of services shortens the time from blood collection to meet Overseas Contingency Operations for world-wide missions and will allow for apheresis collection. The project will correct the current BDC's undersized, inefficient, ill-configured layout and accreditation deficiencies. The increased size of the new facility will provide more capacity for blood product donations and accommodate the blood processing mission within the same facility, improving management and oversight of this regulated activity. The current blood donor center facilities are not handicap accessible and the configuration of the primary facility is not conducive as a blood donor center. The lack of space for donors to be privately screened, and privacy for the pre- donation physical examinations have been noted on several accreditation reviews as a violation of FDA regulations. Also annotated by regulatory agencies are infection control problems introduced as untested blood samples and donations are carried through administrative and recovery areas due to the poor layout of the facility.
Currently, blood is collected from approximately 250 donors per week. With the addition of the Apheresis collections, and the ability to process locally, the mission can extend collection days and hours. With all three collections of Whole Blood, Plasma, and Platelets being performed in a larger facility designed as a Processing Center, collections could increase to 7,500 blood products or more per year. The age and configuration of the current facility cause congestion in the waiting and screening areas, which causes a severe back up in the blood collection area.
The building layout and utility infrastructure (particularly the HVAC system) is not adequate to handle the donor load moving through the building, and system failures have resulted in the loss of donated blood products and the cessation of blood collection activities.

IMPACT IF NOT PROVIDED:
If this project is not provided, the staff and donors will continue to utilize unsafe, overcrowded, and inefficient facility. Furthermore, the accreditation and certification agencies such as the FDA, MEDCOM Blood QA, American Association of Blood Banks and the College of American Pathologists will continue to provide unsatisfactory reviews during their inspections, which could affect the accreditation status of the blood donor center.

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. Design Data (Estimated):
(1) Status:

(a) Design Start Date	MAY 2017
(b) Percent of Design Completed as of 1 JAN 2017	0%
(c) Expected 35% Design Date	DEC 2017

1. Component DEF (DHA)	FY 2018 MILITARY CONSTRUCTION PROJECT DATA	2. Date MAY 2017
3. Installation and Location/UIC: Fort Leonard Wood, Missouri	4. Project Title: Blood Processing Center Replacement	

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
87717DHA	53010	77140	11,941

Supplemental Data (Continued):

(d) 100% Design Completion Date JAN 2019
(e) Parametric Design (Yes or No) N
(f) Type of Design Contract:
1. Design Build (YES/NO) Y
2. Design, Bid-Build (YES/NO) N
3. Site Adapt (YES/NO) N
(g) Energy Studies & Life Cycle Analysis Performed (Yes or No) N

(2) Basis:
(a) Standard or Definitive Design - (YES/NO) N
(b) Where Design Was Most Recently Used N/A

Supplemental Data (Continued):

(3) Total Design Cost (c)=(a)+(b) OR (d)+(e):

(a) Production of Plans and Specifications	190
(b) All Other Design Costs	610
(c) Total Design Cost	800
(d) Contract	660
(e) In-house	140

(4) Construction Contract Award Date	SEP 2018
(5) Construction Start Date	FEB 2019
(6) Construction Completion Date	DEC 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	2018	171
Expense	OM	2018	908
Expense	OM	2019	1,362

Chief, Design, Construction & Activation Office:
Phone Number: 703-681-4324

DD Form 1391C JUL 1999

1. Component DEF (DHA)	**FY 2018 MILITARY CONSTRUCTION PROJECT DATA**	2. Date MAY 2017
3. Installation and Location/UIC: Fort Leonard Wood, Missouri	4. Project Title: Hospital Replacement, Phase 1	

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
87717DHA	510	77168	250,000

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
PRIMARY FACILITIES				179,964
Hospital - CATCODE 51010	SF	256,397	588	(150,762)
Ambulance Garage	LS	--	--	(461)
Central Utility Plant	LS	--	--	(25,714)
Helipad	LS	--	--	(890)
Generator	LS	--	--	(303)
Building Information System	LS	--	--	(1,158)
SDD, EPAct05, EISA2007, and Renewable Energy	LS	--	--	(676)
SUPPORTING FACILITIES				33,760
Electric Service	LS	--	--	(4,229)
Water, Sewer, Gas	LS	--	--	(3,193)
Steam and/or Chilled Water Distribution	LS	--	--	(1,780)
Paving, Walks, Curbs and Gutters	LS	--	--	(4,002)
Storm Drainage	LS	--	--	(2,091)
Site Imp (5,780) Demo (374)	LS	--	--	(6,154)
Information Systems	LS	--	--	(2,556)
Antiterrorism Measures	LS	--	--	(1,556)
Special Foundations	LS	--	--	(1,920)
Other (O&M Manuals, CID, and Enhanced Commissioning)	LS	--	--	(6,279)
ESTIMATED CONTRACT COST				213,724
CONTINGENCY PERCENT (5.00%)				10,686
SUBTOTAL				224,410
SUPERVISION, INSPECTION & OVERHEAD (5.70%)				12,791
DESIGN/BUILD – DESIGN COST				12,823
TOTAL REQUEST				250,024
TOTAL REQUEST (ROUNDED)				250,000
INSTALLED EQT-OTHER APPROPRIATIONS				(64,140)

10. Description of Proposed Construction:
Construct the first phase of a multi-story hospital replacement project. This phase provides in-patient health services, ancillary support spaces to include nutrition, imaging, pharmacy, laboratory and radiology, central utility plant, and a helipad. Supporting facilities include utilities, site improvements, access roads, and parking. 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, Design: Energy Conservation (UFC 3-400-01). The project will be designed to LEED 3.0 Silver Certified rating standard. Operation and Maintenance Manuals, Enhanced Commissioning, and Comprehensive Interior Design will be provided.

11. REQ: 256,397 SF ADQT: NONE SUBSTD: 461,424 SF

DD Form 1391 JUL 1999

1. Component DEF (DHA)	**FY 2018 MILITARY CONSTRUCTION PROJECT DATA**	2. Date MAY 2017
3. Installation and Location/UIC: Fort Leonard Wood, Missouri	4. Project Title: Hospital Replacement, Phase 1	

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
87717DHA	510	77168	250,000

PROJECT:
Construct the first phase a Hospital Replacement. (CURRENT MISSION)

REQUIREMENT:
This project is required to provide a modern medical campus for the provision of inpatient care to the Ft Leonard Wood beneficiary population. The first phase provides the following departments: Chapel, Logistics, Food Services, Pharmacy (Inpatient) Pathology and Clinical Laboratory, Radiology, Nuclear Medicine, Sterile Processing, Surgical/Interventional Services, Inpatient Behavioral Health, Labor & Delivery/ Obstetrics Unit, Multi-Service Inpatient Unit, Emergency and Ambulance Services, Information Management, Health Benefits and Patient Administration, General Administration, and Common Areas.

PHASING PLAN:
Hospitals will consist of inpatient and outpatient care facilities with limited specialty care. The first stand-alone phase will provide inpatient health care and ancillary services. Subsequent stand-alone phase(s) will include an outpatient health facility and Demolition, Redevelopment & Restoration of the old hospital site.

CURRENT SITUATION:
General Leonard Wood Army Hospital is currently housed in a facility that is over 40 years old and is located on a constrained site. The current facility shows major deficiencies with key building systems and components such as wall structures and mechanical, electrical and plumbing systems. The hospital is also deficient in environmental and code compliance and does not meet Uniform Federal Accessibility Standards. In addition, the existing facility does not have the capacity to accommodate ongoing stationing actions.

IMPACT IF NOT PROVIDED:
If this project is not provided, increased troop and family beneficiary populations will not have adequate treatment services available for them. Care will continue to be provided in an outdated facility away from installation troop densities.

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. Design Data (Estimated):
(1) Status:

(a) Design Start Date	JUN 2017
(b) Percent of Design Completed as of 1 JAN 2017	0%
(c) Expected 35% Design Date	MAR 2018
(d) 100% Design Completion Date	JUN 2019
(e) Parametric Design (Yes or No)	N
(f) Type of Design Contract:	
1. Design Build (YES/NO)	Y
2. Design, Bid-Build (YES/NO)	N
3. Site Adapt (YES/NO)	N
(g) Energy Studies & Life Cycle Analysis Performed (Yes or No)	Y

DD Form 1391C JUL 1999

1. Component DEF (DHA)	**FY 2018 MILITARY CONSTRUCTION PROJECT DATA**	2. Date MAY 2017
3. Installation and Location/UIC: Fort Leonard Wood, Missouri	4. Project Title: Hospital Replacement, Phase 1	

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
87717DHA	510	77168	250,000

Supplemental Data (Continued):

(2) Basis:
(a) Standard or Definitive Design - (YES/NO) N
(b) Where Design Was Most Recently Used N/A

(3) Total Design Cost (c)=(a)+(b) OR (d)+(e):

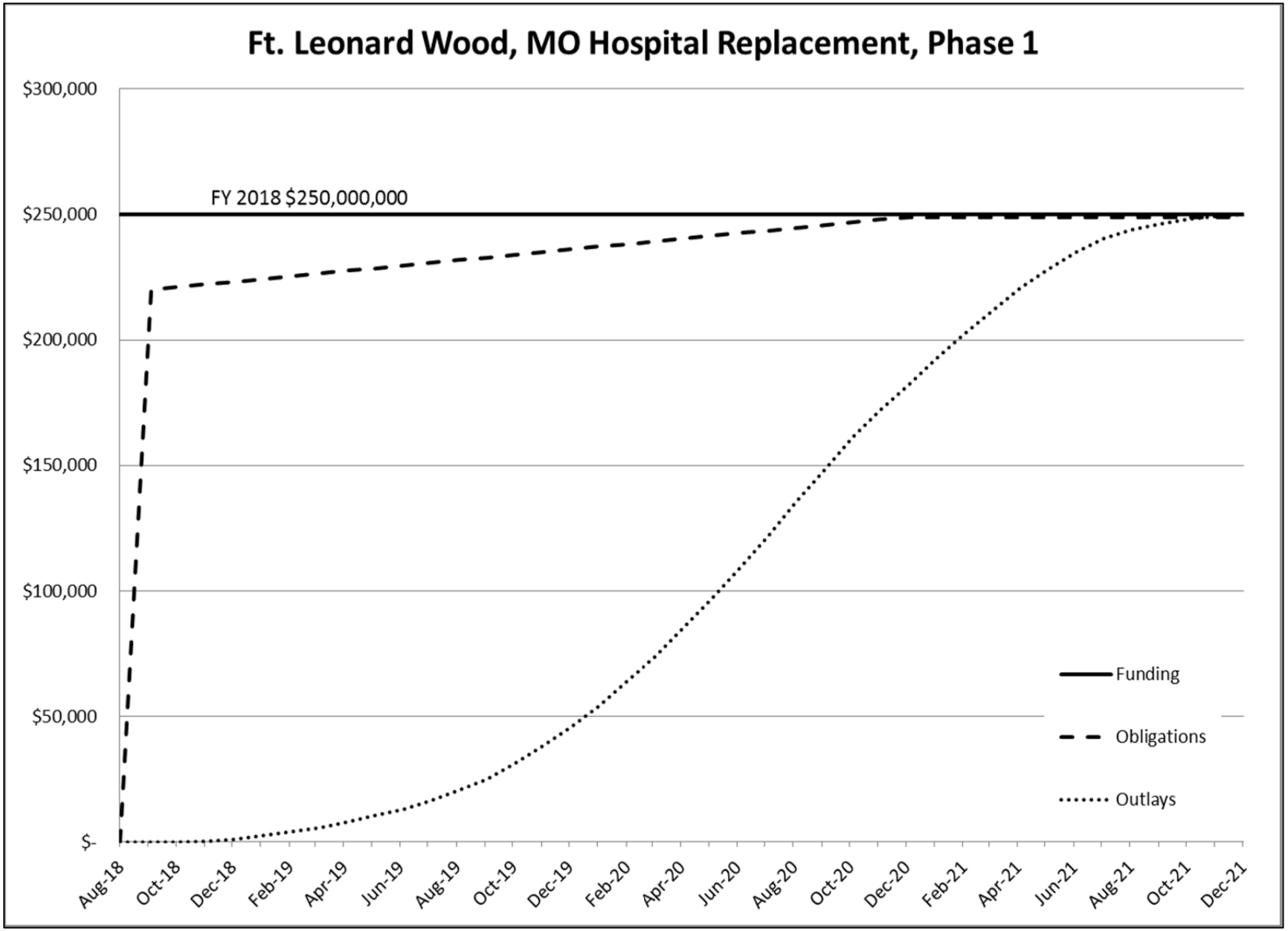
(a) Production of Plans and Specifications	410
(b) All Other Design Costs	6,000
(c) Total Design Cost	6,410
(d) Contract	2,660
(e) In-house	3,750
(4) Contract Award Date	SEP 2018
(5) Construction Start Date	JUL 2019
(6) Construction Completion Date	SEP 2021

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	5,993
Investment	OP	2020	5,002
Expense	OM	2019	7,623
Expense	OM	2020	44,329

Chief, Design, Construction & Activation Office:
Phone Number: 703-681-4324

DD Form 1391C JUL 1999


Ft. Leonard Wood, MO Hospital Replacement, Phase 1
$300,000
$250,000
$200,000
$150,000
$100,000
$50,000
$-
FY 2018 $250,000,000
Funding
Obligations
Outlays
Aug-18
Oct-18
Dec-18
Feb-19
Apr-19
Jun-19
Aug-19
Oct-19
Dec-19
Feb-20
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Oct-20
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Jun-21
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Oct-21
Dec-21

1. COMPONENT	FY 2018 MILITARY CONSTRUCTION PROGRAM	2. DATE
DEF (DHA)		MAY 2017

3. INSTALLATION AND LOCATION	4. COMMAND	5. AREA CONSTRUCTION COST INDEX
MCB Camp Lejeune, North Carolina	Commandant of the Marine Corps	0.95

6. PERSONNEL STRENGTH:

	PERMANENT			STUDENTS			SUPPORTED			
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF 30 SEP 2016	4,125	43,448	4,040	1,835	38,471	177	0	0	61,454	153,550
B. END FY 2021	3,951	39,342	4,045	1,634	35,293	132	0	0	61,454	145,851

7. INVENTORY DATA ($000)

A. TOTAL AREA	250,817 Acres	
B. INVENTORY TOTAL AS OF 30 SEPTEMBER 2016		10,356,578
C. AUTHORIZATION NOT YET IN INVENTORY		31,000
D. AUTHORIZATION REQUESTED IN THIS PROGRAM		58,700
E. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM		0
F. PLANNED IN NEXT THREE YEARS		0
G. REMAINING DEFICIENCY		0
H. GRAND TOTAL		10,446,278

8. PROJECTS REQUESTED IN THIS PROGRAM:

CATEGORY CODE	PROJECT NUMBER	PROJECT TITLE	SCOPE	COST ($000)	DESIGN START	DESIGN COMPLETE
550	14040	French Creek Ambulatory Care Center Addition/Alteration	16,378 SF	15,300	03 / 2016	12 / 2017
550	14041	Handnot Point Ambulatory Care Center/Dental Clinic	40,036 SF	21,400	05 / 2016	10 / 2017
550	14042	Wallace Creek Ambulatory Care Center/Dental Clinic	42,365 SF	22,000	05 / 2016	10 / 2017

9. FUTURE PROJECTS:

CATEGORY CODE	PROJECT TITLE	SCOPE	COST ($000)
A.	INCLUDED IN THE FOLLOWING PROGRAM (FY 2019): None		0
B.	PLANNED NEXT THREE PROGRAM YEARS (FY 2020 – 2022): None		0
C.	R&M UNFUNDED REQUIREMENT:		

10. MISSION OR MAJOR FUNCTION:

MCB Camp Lejeune 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

Component DEF (DHA)	**FY 2018 MILITARY CONSTRUCTION PROJECT DATA**	2. Date MAY 2017
3. Installation and Location/UIC: Marine Corps Base Camp Lejeune (French Creek), North Carolina	4. Project Title: Ambulatory Care Center Addition/Alteration	

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
87717DHA	55010	14040	15,300

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
PRIMARY FACILITIES				10,769
Ambulatory Care Center Addition – CATCODE 55010	SF	16,378	412	(6,748)
Ambulatory Care Center Alteration – CATCODE 55010 – Level 3	SF	8,268	364	(3,010)
Ambulatory Care Center Alteration – CATCODE 55010 – Level 2	SF	6,651	152	(1,011)
SUPPORTING FACILITIES				3,102
Electric Service	LS	--	--	(577)
Water, Sewer, Gas	LS	--	--	(100)
Parking, Paving, Walks, Curbs And Gutters	LS	--	--	(585)
Storm Drainage	LS	--	--	(226)
Site Imp (482) Demo (530)	LS	--	--	(1,012)
Information Systems	LS	--	--	(141)
Antiterrorism/Force Protection	LS	--	--	(56)
EISA 2007 Section 438 (LID)	LS	--	--	(85)
Other (O&M Manuals, PCAS, and Enhanced Commissioning)	LS	--	--	(320)
ESTIMATED CONTRACT COST				13,870
CONTINGENCY PERCENT (5.00%)				694
SUBTOTAL				14,564
SUPERVISION, INSPECTION & OVERHEAD (5.70%)				830
TOTAL REQUEST				15,394
TOTAL REQUEST (ROUNDED)				15,300
INSTALLED EQT-OTHER APPROPRIATIONS				(2,222)

10. Description of Proposed Construction:
Construct an addition and alter the existing Ambulatory Care Clinic. Exterior shall be compatible with Base Exterior Appearance Plan (BEAP) guidance and Branch Medical Clinic (BMC) French Creek existing structure. Supporting facilities include utilities, site improvements, access drive, parking, and shall include Low Impact Development. The interim French Creek facility will be demolished after construction completion. 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, and Enhanced Commissioning will be provided.

11.	REQ:	ADQT:	SUBSTD:
CATCODE 55010	261,954 SF	245,576 SF	28,580 SF

PROJECT:
Construct an Ambulatory Care Clinic Addition/Alteration for delivering medical care to the active duty operational concept. The clinic will include Primary Care, Behavioral Health, Physical Therapy, Pharmacy, Laboratory, X-ray,

DD FORM 1391, JUL 1999

Component DEF (DHA)	**FY 2018 MILITARY CONSTRUCTION PROJECT DATA**	2. Date MAY 2017
3. Installation and Location/UIC: Marine Corps Base Camp Lejeune (French Creek), North Carolina	4. Project Title: Ambulatory Care Center Addition/Alteration	

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
87717DHA	55010	14040	15,300

PROJECT (Continued):
and supporting administrative functions. (CURRENT MISSION)

REQUIREMENT:
This project solves the problem of providing Primary Care services to the active duty operational forces in decentralized care Battalion Aid Stations (BAS) and Regimental Aid Stations (RAS) located in substandard infrastructure throughout the installation, and consolidates the medical services into one healthcare environment that will improve patient access to medical care at Camp Lejeune, significantly improving operational efficiency.

CURRENT SITUATION:
The existing clinic at MCB Camp Lejeune (French Creek) was built in 1993. The French Creek area is home to numerous units of the 2D Marine Logistics Group. The facility's current capacity is insufficient and cannot accommodate more than half of the French Creek requirement population resulting in a dispersion of patients and personnel into various non-medical buildings. These Active Duty operational forces receive most of their primary health care from battalion and regimental providers. These unit providers see patients in makeshift spaces known as battalion aid stations (BASs) and regimental aid stations (RASs). The BAS and RAS space is not part of the medical facility inventory; not subject to The Joint Commission accreditation; and, in some cases lacks basic requirements such as sinks, proper ventilation, and exam rooms with doors. This project corrects sub-standard environment of care for operational forces receiving care while in garrison and supports the implementation of MCMH. This initiative is intended to increase the readiness posture of the force, improve health outcomes, enhance patient satisfaction, and improve access to quality care. When implemented, operational forces will have access to the same standard of care offered to their family members and in close proximity to their unit areas.

IMPACT IF NOT PROVIDED:
Required medical and dental services for Marine in-Garrison care will continue to be provided in substandard, inefficient, decentralized and uncontrolled facilities housing small BAS and RAS spaces not meeting The Joint Commission accreditation standards. The MCMH concept directly improves readiness of the operational forces through health outcomes, enhanced patient satisfaction, and improved access to quality care. Failure to adequately implement MCMH will result in compromised readiness, uncoordinated care delivery, and inappropriate use of medical 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. Design Data:
(1) Status:

(a) Design Start Date:	MAR 2016
(b) Percent Complete As of JAN 2017:	30%
(c) Expected 35% Design Date:	MAR 2017
(d) Expected 100% Design Completion Date:	DEC 2017

(e) Parametric Estimate (YES/NO) N
(f) Type of Design Contract:
1. Design Build (YES/NO) N
2. Design, Bid-Build (YES/NO) Y
3. Site Adapt (YES/NO) N

Component DEF (DHA)	**FY 2018 MILITARY CONSTRUCTION PROJECT DATA**	2. Date MAY 2017
3. Installation and Location/UIC: Marine Corps Base Camp Lejeune (French Creek), North Carolina	4. Project Title: Ambulatory Care Center Addition/Alteration	

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
87717DHA	55010	14040	15,300

Supplemental Data (Continued):

(g) Energy Studies & Life Cycle Analysis Performed (Yes or No) Y

(2) Basis:
- (a) Standard or Definitive Design - (YES/NO) N
- (b) Where Design Was Most Recently Used N/A

(3) Total Design Cost (c)=(a)+(b) OR (d)+(e):	Cost ($000)
(a) Production of Plans and Specifications	635
(b) All Other Design Costs	519
(c) Total Design Cost	1,154
(d) Contract	1,039
(e) In-house	115
(4) Construction Contract Award Date	JUN 2018
(5) Construction Start Date	MAY 2018
(6) Construction Completion Date	SEP 2020

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	399
Investment	OP	2019	175
Expense	OM	2019	1,648

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

DD FORM 1391C, JUL 1999

1. Component DEF (DHA)	**FY 2018 MILITARY CONSTRUCTION PROJECT DATA**	2. Date MAY 2017

3. Installation and Location/UIC:	4. Project Title:
Marine Corps Base Camp Lejeune (Hadnot Point), North Carolina	Ambulatory Care Center/Dental Clinic Replacement

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
87717DHA	55010	14041	21,400

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
PRIMARY FACILITIES				14,350
Medical Clinic – CATCODE 55010	SF	29,399	329	(9,662)
Dental Clinic – CATCODE 54010	SF	10,637	441	(4,688)
SUPPORTING FACILITIES				4,975
Electric Service	LS	--	--	(269)
Water, Sewer, Gas	LS	--	--	(222)
Parking, Paving, Walks, Curbs And Gutters	LS	--	--	(270)
Storm Drainage	LS	--	--	(180)
Site Imp (1,473) Demo (1,340)	LS	--	--	(2,813)
Information Systems	LS	--	--	(140)
Antiterrorism/Force Protection	LS	--	--	(372)
Special Foundation	LS	--	--	(269)
Other (O&M Manuals, PCAS, and Enhanced Commissioning)	LS	--	--	(440)
ESTIMATED CONTRACT COST				19,325
CONTINGENCY PERCENT (5.00%)				966
SUBTOTAL				20,291
SUPERVISION, INSPECTION & OVERHEAD (5.70%)				1,157
TOTAL REQUEST				21,448
TOTAL REQUEST (ROUNDED)				21,400
INSTALLED EQT-OTHER APPROPRIATIONS				2,762

10. Description of Proposed Construction:
Construct an Ambulatory Care Clinic. Exterior shall be compatible with Base Exterior Appearance Plan (BEAP) guidance. Supporting facilities include utilities, site improvements, access drive, parking, and Low Impact Development. Permanent Buildings and temporary facilities 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, and Enhanced Commissioning will be provided.

11.	REQ:	ADQT:	SUBSTD:
CATCODE 55010	274,975 SF	245,576 SF	28,580 SF
CATCODE 54010	23,120 SF	12,483 SF	3,164 SF

PROJECT:
Construct a consolidated Ambulatory Care Center for delivering medical and dental care to the active duty operational forces in the Hadnot Point area of Camp Lejeune, in compliance with the Marine Centered Medical Home (MCMH) concept. The new clinic will include Primary Care, Behavioral Health, Physical Therapy, Dental, Pharmacy, Laboratory, X-ray, and supporting administrative functions. (CURRENT MISSION)

REQUIREMENT:
This project solves the problem of providing Primary Care services to the active duty operational forces in

1. Component DEF (DHA)	FY 2018 MILITARY CONSTRUCTION PROJECT DATA	2. Date MAY 2017
3. Installation and Location/UIC: Marine Corps Base Camp Lejeune (Hadnot Point), North Carolina	4. Project Title: Ambulatory Care Center/Dental Clinic Replacement	

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
87717DHA	55010	14041	21,400

REQUIREMENT (continued):
decentralized care Battalion Aid Stations (BAS) and Regimental Aid Stations (RAS) located in substandard infrastructure throughout the installation, and consolidates the medical services into one healthcare environment that will improve patient access to medical and dental care at Camp Lejeune, significantly improving operational efficiency.

CURRENT SITUATION:
Hadnot Point is home to the 6th Marine Regiment, 10th Marine Regiment, Light Armored Reconnaissance Battalions, and Tank Battalions. The population of 7,037 Active Duty operational forces currently receives their primary health care from battalion and regimental providers. These unit providers see patients in makeshift spaces known as battalion aid stations (BASs) and regimental aid stations (RASs). The BAS and RAS space is not part of the medical facility inventory, not subject to The Joint Commission accreditation, and, in some cases lacks basic requirements such as sinks, proper ventilation, and exam rooms with doors. This project corrects the sub-standard environment of care for operational forces receiving care while in garrison and supports the implementation of MCMH. This initiative is intended to increase the readiness posture of the force, improve health outcomes, enhance patient satisfaction, and improve access to quality care. When implemented, operational forces will have access to the same standard of care offered to their family members and in close proximity to their unit areas.

IMPACT IF NOT PROVIDED:
Required medical and dental services for Marine in-Garrison care will continue to be provided in substandard, inefficient, decentralized and uncontrolled facilities housing small BAS and RAS spaces not meeting The Joint Commission accreditation standards. The MCMH concept directly improves readiness of the operational forces through health outcomes, enhanced patient satisfaction, and improved access to quality care. Failure to adequately implement MCMH will result in compromised readiness, uncoordinated care delivery, and inappropriate use of medical 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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13. Supplemental Data:

A. Design Data:
(1) Status:
(a) Design Start Date: MAY 2016
(b) Percent Complete As of 1 JAN 2017: 35%
(c) Expected 35% Design Date: MAR 2017
(d) Expected 100% Design Completion Date: OCT 2017
(e) Parametric Estimate (YES/NO) N
(f) Type of Design Contract:
3. Design Build (YES/NO) N
4. Design, Bid-Build (YES/NO) Y
3. Site Adapt (YES/NO) N
(g) Energy Studies & Life Cycle Analysis Performed (Yes or No) Y

(2) Basis:
(a) Standard or Definitive Design - (YES/NO) N
(b) Where Design Was Most Recently Used N/A

1. Component DEF (DHA)	**FY 2018 MILITARY CONSTRUCTION PROJECT DATA**	2. Date MAY 2017
3. Installation and Location/UIC: Marine Corps Base Camp Lejeune (Hadnot Point), North Carolina	4. Project Title: Ambulatory Care Center/Dental Clinic Replacement	

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
87717DHA	55010	14041	21,400

Supplemental Data (Continued):

(3) Total Design Cost (c)=(a)+(b) OR (d)+(e):	Cost ($000)
(a) Production of Plans and Specifications	1,307
(b) All Other Design Costs	1,069
(c) Total Design Cost	2,376
(d) Contract	2,138
(e) In-house	238
(4) Construction Contract Award Date	JUN 2018
(5) Construction Start Date	MAY 2018
(6) Construction Completion Date	AUG 2020

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	573
Expense	OM	2019	1,938
Investment	OP	2019	251

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

DD FORM 1391C, JUL 1999

1. Component DEF (DHA)	**FY 2018 MILITARY CONSTRUCTION PROJECT DATA**	2. Date MAY 2017
3. Installation and Location/UIC: Marine Corps Base Camp Lejeune (Wallace Creek), North Carolina	4. Project Title: Ambulatory Care Center/Dental Clinic	

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
87717DHA	55010	14042	22,000

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
PRIMARY FACILITIES				15,090
Medical Clinic – CATCODE 55010	SF	31,622	328	(10,378)
Dental Clinic – CATCODE 54010	SF	10,743	439	(4,712)
SUPPORTING FACILITIES				4,753
Electric Service	LS	--	--	(269)
Water, Sewer, Gas	LS	--	--	(222)
Parking, Paving, Walks, Curbs And Gutters	LS	--	--	(270)
Storm Drainage	LS	--	--	(180)
Site Imp (1,368) Demo (1340)	LS	--	--	(2,813)
Information Systems	LS	--	--	(140)
Antiterrorism/Force Protection	LS	--	--	(150)
Special Foundation	LS	--	--	(269)
Other (O&M Manuals, PCAS, and Enhanced Commissioning)	LS	--	--	(440)
ESTIMATED CONTRACT COST				19,843
CONTINGENCY PERCENT (5.00%)				992
SUBTOTAL				20,835
SUPERVISION, INSPECTION & OVERHEAD (5.70%)				1,188
TOTAL REQUEST				22,023
TOTAL REQUEST (ROUNDED)				22,000
INSTALLED EQT-OTHER APPROPRIATIONS				(2,762)

10. Description of Proposed Construction:
Construct an Ambulatory Care Clinic. Exterior shall be compatible with Base Exterior Appearance Plan guidance. Supporting facilities include utilities, site improvements, access drive, parking, and shall include Low Impact Development. Temporary Buildings and an Interim facility 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, and Enhanced Commissioning will be provided.

11.	REQ:	ADQT:	SUBSTD:
CATCODE 55010	277,198 SF	245,576 SF	28,580 SF
CATCODE 54010	23,226 SF	12,483 SF	3,164 SF

PROJECT:
Construct a consolidated Ambulatory Care Center for delivering medical and dental care to the active duty operational forces in the Wallace Creek area of Camp Lejeune, in compliance with the Marine Centered Medical Home (MCMH) concept. The new clinic will include Primary Care, Behavioral Health, Physical Therapy, Dental, Pharmacy, Laboratory, X-ray, and supporting administrative functions. (CURRENT MISSION)

1. Component DEF (DHA)	**FY 2018 MILITARY CONSTRUCTION PROJECT DATA**		2. Date MAY 2017
3. Installation and Location/UIC: Marine Corps Base Camp Lejeune (Wallace Creek), North Carolina		4. Project Title: Ambulatory Care Center/Dental Clinic	
5. Program Element 87717DHA	6. Category Code 55010	7. Project Number 14042	8. Project Cost ($000) 22,000

REQUIREMENT:

This project solves the problem of providing Primary Care services to the active duty operational forces in decentralized Battalion Aid Stations (BAS) and Regimental Aid Stations (RAS) located in substandard infrastructure throughout the installation and consolidates medical services into one healthcare environment that will improve patient access to medical and dental care at Camp Lejeune.

CURRENT SITUATION:

Wallace Creek is a newly established live-work regimental area of Marine Corps Base Camp Lejeune, serving an Active Duty population of 8,889 personnel of the 2^{d} and 8th Marine Battalions. These operational forces currently receive their primary health care from battalion and regimental providers. These unit providers see patients in makeshift spaces known as battalion aid stations (BASs) and regimental aid stations (RASs). The BAS and RAS space is not part of the medical facility inventory; not subject to The Joint Commission accreditation; and, in some cases lacks basic requirements such as sinks, proper ventilation, and exam rooms with doors. This project corrects sub-standard environment of care for operational forces receiving care while in garrison and support the implementation of MCMH. The initiative is intended to improve health outcomes, enhance patient and provider satisfaction, and control health care costs through improved access to quality care. When implemented, operational forces will have access to the same standard of care offered to their family members and in close proximity to their unit areas.

IMPACT IF NOT PROVIDED:

Required medical and dental services for Marine in-Garrison care will continue to be provided in substandard, inefficient, decentralized and uncontrolled facilities housing small BAS and RAS spaces not meeting The Joint Commission accreditation standards. The MCMH concept directly improves readiness of the operational forces through health outcomes, enhanced patient satisfaction, and improved access to quality care. Failure to adequately implement MCMH will result in compromised readiness, uncoordinated care delivery, and inappropriate use of medical 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. Design Data:

(1) Status:

(a) Design Start Date: MAY 2016
(b) Percent Complete As of JAN 2017: 35%
(c) Expected 35% Design Date: MAR 2017
(d) Expected 100% Design Completion Date: OCT 2017
(e) Parametric Estimate (YES/NO) N
(f) Type of Design Contract:
1. Design Build (YES/NO) N
2. Design, Bid-Build (YES/NO) Y
3. Site Adapt (YES/NO) N
(g) Energy Studies & Life Cycle Analysis Performed (Yes or No) Y

1. Component DEF (DHA)	**FY 2018 MILITARY CONSTRUCTION PROJECT DATA**	2. Date MAY 2017

3. Installation and Location/UIC:	4. Project Title:
Marine Corps Base Camp Lejeune (Wallace Creek), North Carolina	Ambulatory Care Center/Dental Clinic

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
87717DHA	55010	14042	22,000

Supplemental Data (Continued):

(2) Basis:
(a) Standard or Definitive Design - (YES/NO) N
(b) Where Design Was Most Recently Used N/A

(3) Total Design Cost (c)=(a)+(b) OR (d)+(e):	Cost ($000)
(a) Production of Plans and Specifications	1,307
(b) All Other Design Costs	1,069
(c) Total Design Cost	2,376
(d) Contract	2,138
(e) In-house	238
(4) Construction Contract Award Date	JUN 2018
(5) Construction Start Date	MAY 2018
(6) Construction Completion Date	AUG 2020

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	573
Expense	OM	2019	1,938
Investment	OP	2019	251

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

1. COMPONENT	FY 2018 MILITARY CONSTRUCTION PROGRAM	2. DATE
DEF (DHA)		MAY 2017

3. INSTALLATION AND LOCATION	4. COMMAND	5. AREA CONSTRUCTION COST INDEX
Fort Bliss, Texas	US Army Installation Command	0.92

6. PERSONNEL STRENGTH:	PERMANENT			STUDENTS			SUPPORTED			
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF SEP 30 2016	4,131	24,099	4,102	171	1,479	15	904	2,845	8,068	45,814
B. END FY 2022	3,882	23,568	3,371	158	1,427	3	904	2,793	6,154	42,260

7. INVENTORY DATA ($000)

A. TOTAL AREAGE	1,117,530	
B. INVENTORY TOTAL AS OF SEPTEMBER 30, 2016		11,546,953
C. AUTHORIZATION NOT YET IN INVENTORY		966,000
D. AUTHORIZATION REQUESTED IN THIS PROGRAM		8.300
E. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM		0
F. PLANNED IN NEXT THREE YEARS		0
G. REMAINING DEFICIENCY		0
H. GRAND TOTAL		12,521,253

8. PROJECTS REQUESTED IN THIS PROGRAM:

CATEGORY CODE	PROJECT NUMBER	PROJECT TITLE	SCOPE	COST ($000)	DESIGN START	STATUS COMPLETE
530	67402	Blood Processing Center	13,838	8,300	12 / 2016	09 / 2018
510	91301	Hospital Replacement Incr 8	LS	251,330	12 / 2010	05 / 2012

9. FUTURE PROJECTS:

CATEGORY CODE	PROJECT TITLE	SCOPE	COST ($000)
A.	INCLUDED IN THE FOLLOWING PROGRAM (FY 2019): None		0
B.	PLANNED NEXT THREE PROGRAM YEARS (FY 2020 – 2022): None		0
C.	R&M Unfunded Requirements		None

10. MISSION OR MAJOR FUNCTION:

Provides support to the 1st Armored Division; William Beaumont Army Medical Center; US Army Sergeants Major Academy, and other tenant activities and units. A multi-functional installation that serves as a Power Projection Platform as well as test bed for Joint and Combined Warfare, employing state-of-the-art technologies.

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

DD FORM 1390, JUL 1999

1. Component DEF (DHA)	**FY 2018 MILITARY CONSTRUCTION PROJECT DATA**	2. Date MAY 2017
3. Installation and Location/UIC: Fort Bliss, Texas	4. Project Title: Blood Processing Center	

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
87717DHA	53010	67402	8,300

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
PRIMARY FACILITIES				5,401
Blood Processing Center - CATCODE 53010	SF	13,838	357	(4,945)
Standby Generator	LS	--	--	(221)
EMCS Connection	LS	--	--	(132)
IDS Installation	LS	--	--	(83)
Building Information Systems	LS	--	--	(20)
SUPPORTING FACILITIES				1,699
Electric Service	LS	--	--	(198)
Water, Sewer, Gas	LS	--	--	(155)
Parking Paving, Walks, Curbs And Gutters	LS	--	--	(138)
Storm Drainage	LS	--	--	(234)
Site Imp (504) Demo (48)	LS	--	--	(552)
Information Systems	LS	--	--	(54)
Antiterrorism/Force Protection	LS	--	--	(52)
Special Foundations	LS	--	--	(100)
Utility Privatization Connection Fee	LS	--	--	(60)
Other (O&M Manuals, DDC, and Enhanced Commissioning)	LS	--	--	(156)
ESTIMATED CONTRACT COST				7,100
CONTINGENCY PERCENT (5.00%)				355
SUBTOTAL				7,455
SUPERVISION, INSPECTION & OVERHEAD (5.70%)				425
DESIGN/BUILD-DESIGN COST (6.00%)				426
TOTAL REQUEST				8,306
TOTAL REQUEST (ROUNDED)				8,300
INSTALLED EQT-OTHER APPROPRIATIONS				(2,441)

10. Description of Proposed Construction:
Construct a Blood Processing Center. Supporting facilities include utilities, site improvements, parking, and demolition. 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, and Enhanced Commissioning will be provided.

11. REQ: 13,838 SF ADQT: 0 SF SUBSTD: 481

PROJECT:
Construct a Blood Processing Center. (CURRENT MISSION)

REQUIREMENT:
The facility is required to provide blood components and patient therapeutics in support of an expanding mission. First, this facility will support the Armed Services Blood Program, which provides blood components to military

1. Component DEF (DHA)	FY 2018 MILITARY CONSTRUCTION PROJECT DATA	2. Date MAY 2017
3. Installation and Location/UIC: Fort Bliss, Texas	4. Project Title: Blood Processing Center	

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
87717DHA	53010	67402	8,300

REQUIREMENT (Continued):
medical treatment facilities in the continental United States and worldwide. Second, this facility will also provide increased operational support to units who use Fort Bliss as a Power Projection Platform during mobilization.

CURRENT SITUATION:
The Ft. Bliss Blood Processing Center (BPC) replaces the current Blood Donor Center (BDC), which occupies an undersized building of opportunity. The project will correct the current BDC's undersized, inefficient, ill-configured layout and accreditation deficiencies. The increased size of the new facility will provide more capacity for blood product donations and accommodate the blood processing mission within the same facility, improving management and oversight of this regulated activity. The facilities are not handicapped accessible and the configuration of the primary facility is not conducive as a blood donor center. The lack of space for donors to be privately screened, and privacy for the pre- donation physical examinations have been noted on several accreditation reviews as a violation of FDA regulations. Also annotated by these agencies are infection control problems introduced as untested blood samples and donations are carried through administrative and recovery areas due to the poor layout of the facility. Currently, blood is collected from approximately 250 donors per week. The age and configuration of the facilities cause congestion in the waiting and screening areas, which causes a severe back up in the blood collection area. The building layout and utility infrastructure (particularly the HVAC system) is not adequate to handle the donor load moving through the building, and system failures have resulted in the loss of donated blood products and the cessation of blood collection activities.

IMPACT IF NOT PROVIDED:
If this project is not provided, the staff and donors will continue to utilize unsafe, overcrowded, and inefficient facilities. Furthermore, the accreditation and certification agencies such as the FDA, MEDCOM Blood QA, American Association of Blood Banks and the College of American Pathologists will continue to provide unsatisfactory reviews during their inspections, which could affect the accreditation status of the blood donor center.

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. Design Data:
(1) Status:

(a) Design Start Date	DEC 2016
(b) Percent of Design Completed as of JAN 2017	3%
(c) Expected 35% Design Date:	AUG 2017
(d) 100% Design Completion Date:	SEP 2018

(e) Parametric Estimate (YES/NO) N
(f) Type of Design Contract:
1. Design Build (YES/NO) Y
2. Design, Bid-Build (YES/NO) N

1. Component DEF (DHA)	FY 2018 MILITARY CONSTRUCTION PROJECT DATA	2. Date MAY 2017

3. Installation and Location/UIC:	4. Project Title:
Fort Bliss, Texas	Blood Processing Center

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
87717DHA	53010	67402	8,300

Supplemental Data (Continued):

3. Site Adapt (YES/NO) N

(g) Energy Studies & Life Cycle Analysis Performed (Yes or No) N

(2) Basis:

(a) Standard or Definitive Design - (YES/NO) N

(b) Where Design Was Most Recently Used N/A

(3) Total Design Cost (c)=(a)+(b) OR (d)+(e):

(a) Production of Plans and Specifications	190
(b) All Other Design Costs	610
(c) Total Design Cost	800
(d) Contract	660
(e) In-house	140

(4) Construction Contract Award Date	MAR 2018
(5) Construction Start Date	OCT 2018
(6) Construction Completion Date	DEC 2020

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	2018	171
Expense	OM	2018	908
Expense	OM	2019	1,362

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

DD Form 1391C, JUL 1999

1. Component DEF (DHA)	**FY 2018 MILITARY CONSTRUCTION PROJECT DATA**	2. Date MAY 2017
3. Installation and Location/UIC: Fort Bliss, Texas	4. Project Title: Hospital Replacement, Increment 8	

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
87717DHA	510	91301	Approp 251,330

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
PRIMARY FACILITIES				904,232
Medical Center/Hospital – CATCODE 51010	SF	597,111	818	(488,437)
Medical Clinic – CATCODE 55010	SF	363,380	492	(178,783)
Clinical Investigation – CATCODE 31060	SF	24,880	773	(19,232)
Administrative Facility – CATCODE 51016	SF	144,223	425	(61,295)
Bio-safety Lab 3 – CATCODE 53020	SF	2,866	1157	(3,315)
Access Control Facility	LS	--	--	(19,190)
Central Energy Plant	LS	--	--	(52,869)
Standby Generator	LS	--	--	(1,500)
Special Foundations	LS	--	--	(8,300)
Helipad	LS	--	--	(2,000)
Water Tank	LS	--	--	(4,000)
Building Information System	LS	--	--	(30,150)
World Class Criteria	LS	--	--	(12,352)
SDD, EPAct05, EISA2007, and Renewable Energy	LS	--	--	(22,809)
SUPPORTING FACILITIES				157,348
Electric Service	LS	--	--	(28,670)
Water, Sewer, Gas	LS	--	--	(48,078)
Steam and/or Chilled Water Distribution	LS	--	--	(10,695)
Paving, Walks, Curbs and Gutters	LS	--	--	(38,841)
Storm Drainage	LS	--	--	(5,798)
Site Imp (1,829) Demo (0)	LS	--	--	(1,829)
Information Systems	LS	--	--	(1,421)
Antiterrorism Measures	LS	--	--	(141)
Other (O&M Manuals, CID, and Enhanced Commissioning)	LS	--	--	(21,875)
ESTIMATED CONTRACT COST				1,061,580
CONTINGENCY PERCENT (5.00%)				53,079
SUBTOTAL				1,114,659
SUPERVISION, INSPECTION & OVERHEAD (5.70%)				63,536
CATEGORY E EQUIPMENT				33,125
TOTAL REQUEST				1,211,320
PREVIOUS APPROPRIATIONS				959,990
CURRENT APPROPRIATION REQUEST				251,330
INSTALLED EQT-OTHER APPROPRIATIONS				(68,576)

10. Description of Proposed Construction:

This is the eighth increment of the Ft Bliss hospital replacement project. This facility provides in-patient and out-patient medical care, clinical investigation, BSL-3 laboratories, ancillary support, support spaces, central utility plant, helipad, water storage tank, electrical sub-station, and access control facility. Supporting facilities include utilities, site improvements, access roads, and parking. 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

1. Component DEF (DHA)	**FY 2018 MILITARY CONSTRUCTION PROJECT DATA**	2. Date MAY 2017
3. Installation and Location/UIC: Fort Bliss, Texas	4. Project Title: Hospital Replacement, Increment 8	

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
87717DHA	510	91301	Approp 251,330

Description of Proposed Construction (Continued):
principles, MHS World Class Checklist Requirements, Design: Energy Conservation (UFC 3-400-01). The project will be designed to LEED 3.0 Silver Certified rating standard. Operation and Maintenance Manuals, Enhanced Commissioning, and Comprehensive Interior Design will be provided.

11. REQ: 1,132,460 SF ADQT: NONE SUBSTD: 693,463 SF

PROJECT:
Construct Medical Center/Hospital Replacement. (CURRENT MISSION)

REQUIREMENT:
This project is required to provide a modern medical campus for the provision of inpatient and outpatient care to the Ft Bliss beneficiary population.

CURRENT SITUATION:
William Beaumont Army Medical Center is currently housed in a facility that is over 40 years old and is located on a constrained site away from Ft Bliss' major troop populations. In addition, the existing facility does not have the capacity to accommodate ongoing stationing actions.

IMPACT IF NOT PROVIDED:
If this project is not provided, increased troop and family beneficiary populations will not have adequate treatment services available for them. Care will continue to be provided in an outdated facility away from installation troop densities.

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. Design Data (Estimated):
(1) Status:
(a) Design Start Date DEC 2010
(b) Percent of Design Completed as of 1 JAN 2015 100%
(c) Expected 35% Design Date OCT 2011
(d) 100% Design Completion Date MAY 2012
(e) Parametric Design (Yes or No) N
(f) Type of Design Contract:
1. Design Build (YES/NO) N
2. Design, Bid-Build (YES/NO) Y
3. Site Adapt (YES/NO) N
(g) Energy Studies & Life Cycle Analysis Performed (Yes or No) Y

(2) Basis:
(a) Standard or Definitive Design - (YES/NO) N
(b) Where Design Was Most Recently Used N/A

1. Component DEF (DHA)	**FY 2018 MILITARY CONSTRUCTION PROJECT DATA**	2. Date MAY 2017
3. Installation and Location/UIC: Fort Bliss, Texas	4. Project Title: Hospital Replacement, Increment 8	

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
87717DHA	510	91301	Approp 251,330

Supplemental Data (Continued):

(3) Total Design Cost (c)=(a)+(b) OR (d)+(e):

(a) Production of Plans and Specifications	57,960
(b) All Other Design Costs	48,300
(c) Total Design Cost	106,280
(d) Contract	103,000
(e) In-house	2,660

(4) Construction Contract Award Date	JUN 2011
(5) Construction Start Date	JUL 2011
(6) Construction Completion Date	FEB 2019

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	2014	68,576
Expense	OM	2015	200,000
Expense	OM	2016	74,305

C. FUNDING PROFILE:

Authorizations

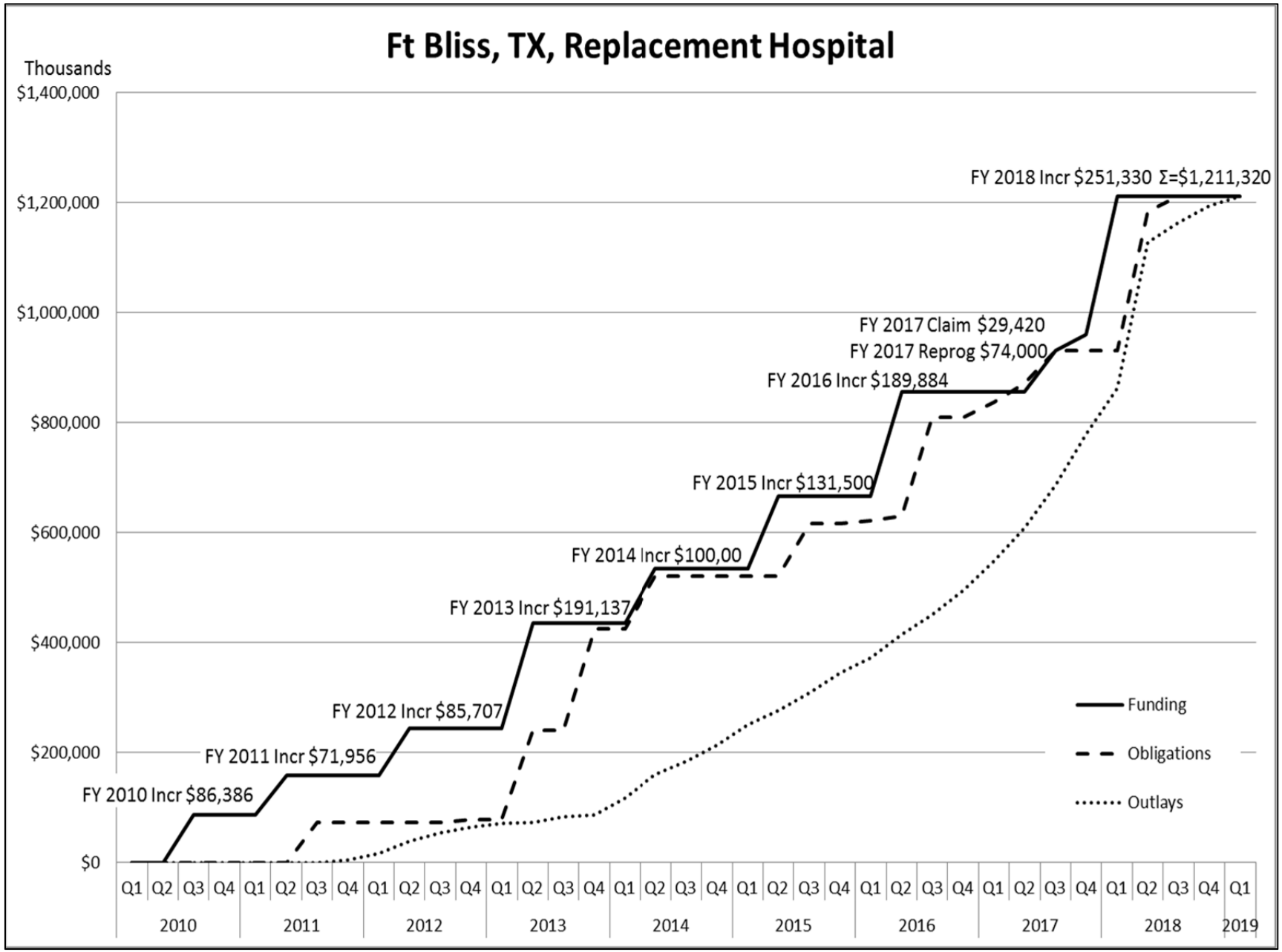
2010	$ 966,000,000
Cost Variation May 2017	$ 245,320,000
Total	$1,211,320,000

Appropriations

2010	$ 86,386,000
2011	$ 71,956,000
2012	$ 85,707,000
2013	$ 191,137,000
2014	$ 100,000,000
2015	$ 131,500,000
2016	$ 189,884,000
2017 Approved Reprogramming	$ 74,000,000
Available from Prior Year Appropriations	$ 29,420,000
2018 Request	$ 251,330,000
Total	$1,211,320,000

Chief, Design, Construction & Activation Office:
Phone Number: 703-681-43248

DD Form 1391C, JUL 1999


Ft Bliss, TX, Replacement Hospital
Thousands
$1,400,000
$1,200,000
$1,000,000
$800,000
$600,000
$400,000
$200,000
$0
FY 2018 Incr $251,330 Σ=$1,211,320
FY 2017 Claim $29,420
FY 2017 Reprog $74,000
FY 2016 Incr $189,884
FY 2015 Incr $131,500
FY 2014 Incr $100,00
FY 2013 Incr $191,137
FY 2012 Incr $85,707
FY 2011 Incr $71,956
FY 2010 Incr $86,386
Funding
Obligations
Outlays
Q1 Q2 Q3 Q4 Q1 Q2 Q3 Q4 Q1 Q2 Q3 Q4 Q1 Q2 Q3 Q4 Q1 Q2 Q3 Q4 Q1 Q2 Q3 Q4 Q1 Q2 Q3 Q4 Q1 Q2 Q3 Q4 Q1 Q2 Q3 Q4 Q1
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019

1. COMPONENT	FY 2018 MILITARY CONSTRUCTION PROGRAM	2. DATE
DEF (DHA)		MAY 2017

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

6. PERSONNEL STRENGTH:	PERMANENT			STUDENTS			SUPPORTED			
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF JUL 30 2016	0	0	0	0	0	0	0	0	0	0
B. END FY 2022	0	0	0	0	0	0	0	0	0	0

7. INVENTORY DATA ($000)

A. TOTAL AREA	114,210 AC	
B. INVENTORY TOTAL AS OF 1 SEP 2015		45,041,615
C. AUTHORIZATION NOT YET IN INVENTORY		1,021,221
D. AUTHORIZATION REQUESTED IN THIS PROGRAM		0
E. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM		0
F. PLANNED IN NEXT THREE YEARS		321,504
G. REMAINING DEFICIENCY		0
H. GRAND TOTAL		46,384,340

8. PROJECTS REQUESTED IN THIS PROGRAM:

CATEGORY CODE	PROJECT NUMBER	PROJECT TITLE	SCOPE	COST ($000)	DESIGN START	STATUS COMPLETE
510	14043	Medical Center Replacement, Increment 7	LS	106,700	11 / 2010	06 / 2018

9. FUTURE PROJECTS:

	CATEGORY CODE	PROJECT TITLE	SCOPE	COST ($000)
A.		INCLUDED IN THE FOLLOWING PROGRAM (FY 2019):	LS	293,964
B.		PLANNED NEXT THREE PROGRAM YEARS (2020-2022):	LS	27,540
	550	Ambulatory Care Center Replacement	Total:	421,504
C.		R&M Unfunded Requirements		None

10. MISSION OR MAJOR FUNCTION:

Installation support US Army, Europe and Seventh Army (USAREUR), a trained and ready force capable of rapidly responding and operation jointly in support of US EUCOM theater strategy. Installation serve as a base for projecting power in and out of EUCOM areas of responsibility by providing facilities for training, maintaining, housing, and supporting USAREUR's 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 2018 MILITARY CONSTRUCTION PROJECT DATA**	2. Date MAY 2017
3. Installation and Location: Rhine Ordnance Barracks, Germany	4. Project Title: Medical Center Replacement, Increment 7	

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
87717DHA	51010	14043	106,700

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
PRIMARY FACILITIES				654,662
Medical Center/Hospital – CATCODE 51010 (33,082 SM)	SF	356,091	449	(159,887)
Medical Clinic – CATCODE 55010 (36,659 SM)	SF	394,594	446	(176,030)
Administrative Facility – CATCODE 51016 (12,455 SM)	SF	134,061	365	(48,864)
Medical Warehouse – CATCODE 53060 (9,070 SM)	SF	97,631	315	(30,779)
Ambulance Garage – CATCODE 53071 (283 SM)	SF	3,045	296	(902)
Canopies (733 SM)	SF	7,890	297	(2,340)
Special Foundations (37,959 SM)	SF	408,587	17	(6,927)
Service Basement (20,638 SM)	SF	222,146	189	(41,946)
Parking Structures	SP	1,642	19,375	(31,814)
Central Utility Plant	LS	--	--	(50,095)
Helicopter Pad	LS	--	--	(645)
Communication Center Alterations (Bldgs 711 & 164)	LS	--	--	(1,642)
Bridge and Road Improvements	LS	--	--	(10,284)
Access Control Point Facility	LS	--	--	(23,992)
World Class Design	LS	--	--	(9,368)
SDD & EPAct05, EISA2007, and Renewable Energy	LS	--	--	(19,551)
Building Information Systems	LS	--	--	(21,588)
Antiterrorism Measures	LS	--	--	(18,008)
SUPPORTING FACILITIES				204,503
Electric Service	LS	--	--	(62,992)
Water, Sewer, Gas	LS	--	--	(18,716)
Steam and/or Chilled Water Distribution	LS	--	--	(3,329)
Paving, Walks, Curbs and Gutters	LS	--	--	(14,801)
Storm Drainage	LS	--	--	(26,228)
Site Improvement (26,847) Demo (5,774)	LS	--	--	(32,621)
Information Systems	LS	--	--	(5,167)
Antiterrorism Measures	LS	--	--	(9,914)
Environmental Compensation	LS	--	--	(16,019)
Other (O&M Manuals, CID, DDC and Enhanced Commissioning)	LS	--	--	(14,716)
ESTIMATED CONTRACT COST				859,165
CONTINGENCY PERCENT (5.00%)				42,958
SUBTOTAL				902,123
SUPERVISION, INSPECTION & OVERHEAD (6.50%)				58,638
CATEGORY E EQUIPMENT				29,262
TOTAL REQUEST				990,023
TOTAL REQUEST (ROUNDED)				990,000
PREVIOUS APPROPRIATIONS				586,711
CURRENT APPROPRIATION REQUEST (UNROUNDED)				106,700
FUTURE APPROPRIATION REQUEST				293,964
INSTALLED EQT-OTHER APPROPRIATIONS				(177,753)

DD FORM 1391, JUL 1999

1. Component DEF (DHA)	**FY 2018 MILITARY CONSTRUCTION PROJECT DATA**	2. Date MAY 2017

3. Installation and Location:	4. Project Title:
Rhine Ordnance Barracks, Germany	Medical Center Replacement, Increment 7

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
87717DHA	51010	14043	106,700

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

1. Component DEF (DHA)	**FY 2018 MILITARY CONSTRUCTION PROJECT DATA**	2. Date MAY 2017

3. Installation and Location:	4. Project Title:
Rhine Ordnance Barracks, Germany	Medical Center Replacement, Increment 7

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
87717DHA	51010	14043	106,700

CURRENT SITUATION (Continued):
Medical Center care areas are located in 22 cantonment "finger" buildings built between 1951 and 1953 and a critical care 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. Design Data (Estimated):
(1) Status:

(a) Design Start Date	NOV 2010
(b) Percent of Design Completed as of JAN 2017	20%
(c) Expected 35% (of Medical Center) Design Date	JUN 2017
(d) 100% (of Medical Center) Design Completion Date	JUN 2019
(e) Parametric Estimate (Yes or No) N	

1. Component DEF (DHA)	FY 2018 MILITARY CONSTRUCTION PROJECT DATA	2. Date MAY 2017
3. Installation and Location: Rhine Ordnance Barracks, Germany	4. Project Title: Medical Center Replacement, Increment 7	

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
87717DHA	51010	14043	106,700

Supplemental Data (Continued):

(f) Type of Design Contract:
1. Design Build (YES/NO) N
2. Design, Bid-Build (YES/NO) N
3. Site Adapt (YES/NO) N
4. Host Nation Partnering Method Y

(g) Energy Studies & Life Cycle Analysis Performed (Yes or No) Y

(2) Basis:
(a) Standard or Definitive Design - (YES/NO) N
(b) Where Design Was Most Recently Used N/A

(3) Total Design Cost (c)=(a)+(b) OR (d)+(e):	Cost ($000)
(a) Production of Plans and Specifications	50,500
(b) All Other Design Costs	63,500
(c) Total Design Cost	114,000
(d) Contract	97,000
(e) In-house	17,000
(4) Construction Contract Award Date	MAR 2012
(5) Construction Start Date	DEC 2013
(6) Construction Completion Date	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

1. Component DEF (DHA)	**FY 2018 MILITARY CONSTRUCTION PROJECT DATA**	2. Date MAY 2017

3. Installation and Location:	4. Project Title:
Rhine Ordnance Barracks, Germany	Medical Center Replacement, Increment 7

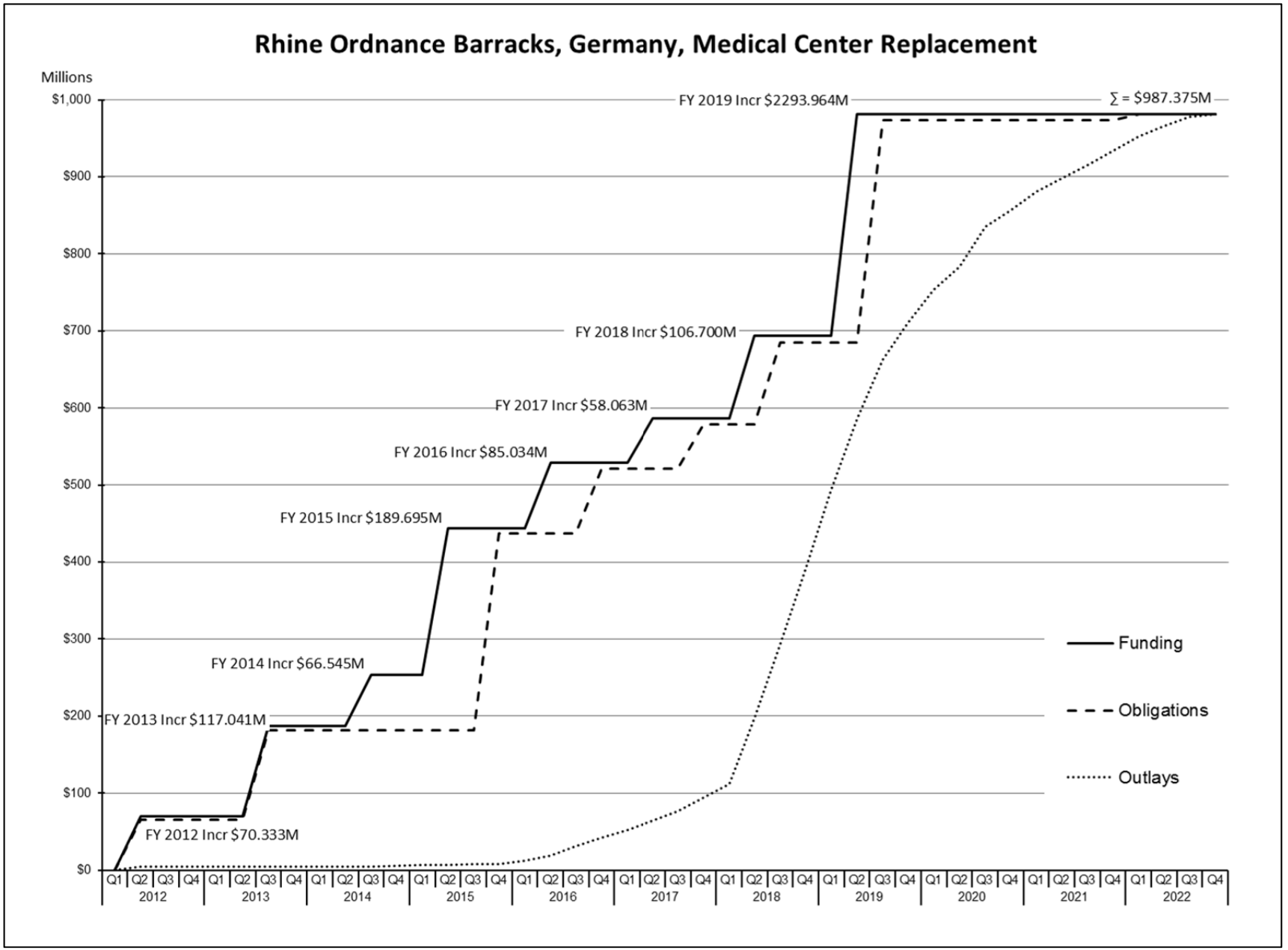
5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
87717DHA	51010	14043	106,700

Supplemental Data (Continued):

D. FUNDING PROFILE:

Authorization	$990,000,000
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	$293,964,000
	$987,375,000

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


Rhine Ordnance Barracks, Germany, Medical Center Replacement
Millions
$1,000
$900
$800
$700
$600
$500
$400
$300
$200
$100
$0
FY 2019 Incr $2293.964M
∑ = $987.375M
FY 2018 Incr $106.700M
FY 2017 Incr $58.063M
FY 2016 Incr $85.034M
FY 2015 Incr $189.695M
FY 2014 Incr $66.545M
FY 2013 Incr $117.041M
FY 2012 Incr $70.333M
Funding
Obligations
Outlays
Q1 Q2 Q3 Q4
2012
2013
2014
2015
2016
2017
2018
2019
2020
2021
2022

Defense Logistics Agency
FY 2018 Military Construction, Defense-Wide
($ in Thousands)

State/Installation/Project	Authorization Request	Approp. Request	New/ Current Mission	Page No.
Florida				
Eglin Air Force Base				
Upgrade Open Storage Yard	4,100	4,100	C	57
North Carolina				
Seymour Johnson Air Force Base				
Construct Tanker Truck Delivery System	20,000	20,000	C	60
South Carolina				
Shaw Air Force Base				
Consolidate Fuel Facilities	22,900	22,900	C	63
Utah				
Hill Air Force Base				
Replace POL Facilities	20,000	20,000	C	67
Virginia				
Norfolk Naval Station				
Replace Hazardous Materials Warehouse	18,500	18,500	C	71
Norfolk Naval Shipyard Portsmouth				
Replace Hazardous Materials Warehouse	22,500	22,500	C	75
Greece				
Naval Support Activity Souda Bay				
Construct Hydrant System	18,100	18,100	C	79
Guam				
Naval Support Activity Andersen Air Force Base				
Construct Truck Load & Unload Facility	23,900	23,900	C	82
Italy				
Naval Air Station Sigonella				
Construct Hydrant System	22,400	22,400	C	85

Defense Logistics Agency
FY 2018 Military Construction, Defense-Wide
($ in Thousands)

State/Installation/Project	Authorization Request	Approp. Request	New/ Current Mission	Page No.
Japan				
Marine Corps Air Station Iwakuni				
Construct Bulk Storage Tanks Phase 1	30,800	30,800	C	89
Defense Fuel Supply Point Okinawa				
Replace Mooring System	11,900	11,900	C	92
Commander Fleet Activities Sasebo				
Upgrade Fuel Wharf	45,600	45,600	C	95
Total	**260,700**	**260,700**		

1. Component	FY 2018 MILITARY CONSTRUCTION PROGRAM	2. Date
DEFENSE (DLA)		May 2017

3. Installation And Location	4. Command	5. Area Construction Cost Index
EGLIN AIR FORCE BASE, FLORIDA	DEFENSE LOGISTICS AGENCY	0.84

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	4,100
E. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM	
F. PLANNED IN NEXT THREE PROGRAM YEARS	5,000
G. REMAINING DEFICIENCY	
H. GRAND TOTAL	9,100

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
451	UPGRADE OPEN STORAGE YARD	27,500 SY	4,100	06/16	09/16

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)*
164	20S17	CONSTRUCT SEAWALL N-S	5,000

10. MISSION OR MAJOR FUNCTION

This DLA Disposition Services location at Eglin AFB is a southeast United States area hub for the reutilization and disposal of excess DoD property and material. The Resource Recovery and Recycling Program at Eglin AFB recovers precious metals from goods and administers a demilitarization program which ensures that military property not reused, transferred or donated, is rendered unusable.

Deferred sustainment, restoration, and modernization for facilities at this location is $1.9 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 2018 MILITARY CONSTRUCTION PROJECT DATA	2. Date
DEFENSE (DLA)		May 2017

3. Installation and Location	4. Project Title
DLA DISPOSITION EGLIN AIR FORCE BASE, FLORIDA	UPGRADE OPEN STORAGE YARD

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
0702976S	451134	DRMS1701	4,100

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
PRIMARY FACILITIES.....	-	-	-	3,623
OPEN STORAGE (CC 451134)	SY	27,500	99	(2,723)
STORMWATER RETENTION AREA (CC 841426)	MG	2.3	391,217	(900)
SUPPORTING FACILITIES.....	-	-	-	60
DEMOLITION.....	LS	-	-	(60)
SUBTOTAL.....	-	-	-	3,683
CONTINGENCY (5%).....	-	-	-	184
ESTIMATED CONTRACT COST.....	-	-	-	3,867
SUPERVISION, INSPECTION & OVERHEAD (SIOH) (5.7%)..	-	-	-	220
TOTAL	-	-	-	4,087
TOTAL (ROUNDED)	-	-	-	4,100
EQUIPMENT FROM OTHER APPROPRIATIONS				(1,000)

10. Description of Proposed Construction:
Upgrade the existing open storage area to provide new concrete pavement, drainage structures, and stormwater containment basin. Work includes new curbs, site work and demolition.

11. REQUIREMENT: 69,074 Square Yard (SY) **ADEQUATE:** 0 SY **SUBSTANDARD:** 64,185 SY

PROJECT: Upgrade an open storage facility to properly size it and make it compliant with State of Florida stormwater requirements. Regrade site and provide concrete surface and curbing with suitable drainage for the work storage areas. (C)

REQUIREMENT: There is a need to upgrade an open storage area to comply with current State of Florida stormwater management requirements as well as DoD standards to allow for environmentally compliant and safe operations. Provide a stormwater retention basin that provides compliant groundwater retention to protect adjacent Florida state waterways.

CURRENT SITUATION: The existing open storage area is mostly unpaved and in need of improvement. The lot has no provision for drainage; consequently, the area is prone to temporary flooding after heavy rainfall. Standing water can be up to two feet deep. It is difficult to operate material handling equipment safely in these flooded conditions, causing the facility to be in violation of Occupational Safety and Health Standards.

IMPACT IF NOT PROVIDED: Unsafe and difficult working conditions will persist to the point that the facility cannot be used. Material that could be reused will be lost to water damage due to flooding. DLA will continue to make recurring, temporary repairs until a permanent solution to regrade, pave and install a drainage system occurs. This recurring repair cost will eventually out strip the cost of the new permanent construction.

1. Component	FY 2018 MILITARY CONSTRUCTION PROJECT DATA	2. Date
DEFENSE (DLA)		May 2017

3. Installation and Location	4. Project Title
DLA DISPOSITION EGLIN AIR FORCE BASE, FLORIDA	UPGRADE OPEN STORAGE YARD

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
0702976S	451134	DRMS1701	4,100

ADDITIONAL: This project will meet all applicable DoD criteria. Low Impact Development will be included in the project as appropriate. The Defense Logistics Agency certifies that this facility has been considered for joint use, as applicable, by other components. Mission requirements, operational considerations, and location are incompatible with use by the other components. The site is outside of the 100-year floodplain.

12. Supplemental Data:	
A. Estimated Design Data:	
1. Status	
(a) Date Design Started:	06/16
(b) Parametric Cost Estimate Used to Develop Costs (Yes/No):	Yes
(c) Percent Complete as of January 2017:	95%
(d) Date 35 Percent Complete:	07/16
(e) Date Design Complete:	09/16
(f) Type of Design Contract	D/B/B
2. Basis	
(a) Standard or Definitive Design:	No
(b) Date Design was Most Recently Used:	N/A
3. Total Cost (c) = (a)+(b) or (d)+(e) ($000)	
(a) Production of Plans and Specifications	180
(b) All Other Design Costs	120
(c) Total	300
(d) Contract	250
(e) In-House	50
4. Contract Award	01/18
5. Construction Start	02/18
6. Construction Complete	08/18

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

PURPOSE	APPROPRIATION	FISCAL YEAR REQUIRED	AMOUNT ($000)

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

1. Component	FY 2018 MILITARY CONSTRUCTION PROGRAM	2. Date
DEFENSE (DLA)		May 2017

3. Installation And Location	4. Command	5. Area Construction Cost Index
SEYMOUR JOHNSON AIR FORCE BASE, NORTH CAROLINA	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	20,000
E. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM	0
F. PLANNED IN NEXT THREE PROGRAM YEARS	0
G. REMAINING DEFICIENCY	0
H. GRAND TOTAL	20,000

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	CONSTRUCT TANKER TRUCK DELIVERY SYSTEM	4 OL	20,000	11/14	10/17

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 4th Fighter Wing is the host unit at Seymour Johnson Air Force Base and accomplishes its training and operation missions with 96 F-15E Strike Eagles. Two of the wing's four fighter squadrons are operation units, capable of deploying worldwide on short notice. The other two squadrons train all F-15E aircrew for the Air Force. There are also 16 KC-135R refueling aircraft stationed at Seymour Johnson AFB. Fuel facilities at Seymour Johnson AFB provide essential jet fuel storage and distribution systems to support these missions.

Deferred sustainment, restoration, and modernization for fuel facilities at this location is $0.01 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 2018 MILITARY CONSTRUCTION PROJECT DATA	2. Date
DEFENSE (DLA)		May 2017

3. Installation and Location	4. Project Title
SEYMOUR JOHNSON AIR FORCE BASE, NORTH CAROLINA	CONSTRUCT TANKER TRUCK DELIVERY SYSTEM

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
0701111S	126925	DESC1801	20,000

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
PRIMARY FACILITIES.....	-	-	-	13,005
PUMP HOUSE (CC 125977).....	GM	2400	1,483	(6,822)
TRUCK UNLOAD (CC 126926).....	OL	4	1,045,450	(4,182)
TRUCK FILL STANDS (CC 126925).....	OL	4	500,323	(2,001)
SUPPORTING FACILITIES.....	-	-	-	5,035
SITE IMPROVEMENTS.....	LS	-	-	(4,041)
DEMOLITION.....	LS	-	-	(994)
SUBTOTAL.....	-	-	-	18,040
CONTINGENCY (5%).....	-	-	-	902
ESTIMATED CONTRACT COST.....	-	-	-	18,943
SUPERVISION, INSPECTION & OVERHEAD (SIOH) (5.7%)..				1,080
TOTAL	-	-	-	20,022
TOTAL (ROUNDED)	-	-	-	20,000
EQUIPMENT FROM OTHER APPROPRIATIONS				(280)

10. Description of Proposed Construction:
Construct truck unloading and load stand facilities, four unload drop tanks with 400 gallon-per minute pumps and secondary containment, a pump house with simultaneous issue and transfer capabilities, fuel piping, and refueler truck parking area. Provide utilities, storm sewer, pavement, access roads, area lighting, emergency generator, cathodic protection, leak detection, fire protection, communications, site preparation and improvements, canopies for drop tanks and fill stands. Demolish existing pump house, truck offload points, co-located fill stands, and associated fuel lines.

11. REQUIREMENT: 4 Outlets (OL) **ADEQUATE: 0** OL **SUBSTANDARD:** 4 OL

PROJECT: Construct Tanker Truck Delivery System. (C)

REQUIREMENT: Provide a tanker truck fuel delivery system capable of simultaneous receipt and delivery. System will be capable of receiving 1,600 Gallons Per Minute (GPM) while simultaneously issuing 2,400 GPM of jet fuel.

CURRENT SITUATION: Delivery of jet fuel to the Base occurs three days a week via commercial tanker trucks and two days a week via transfer pipeline from a rail offloading facility. Rail car availability has steadily declined due to competing commercial demand and ongoing removal from service as they age. As railcar availability decreases, Seymour Johnson AFB must become more reliant on fuel truck delivery. The base’s existing truck loading and unloading stands do not possess the needed capacity to meet the current fuel consumption rate. The system is also not capable of simultaneous fuel receipt and issue. The existing outdated pump house is also in need of replacement with a new facility that meets current operational and safety standards.

IMPACT IF NOT PROVIDED: Without additional unload capability, the existing system will not meet aircraft servicing and operational requirements as rail car/pipeline deliveries

1. Component	FY 2018 MILITARY CONSTRUCTION PROJECT DATA	2. Date
DEFENSE (DLA)		May 2017

3. Installation and Location	4. Project Title
SEYMOUR JOHNSON AIR FORCE BASE, NORTH CAROLINA	CONSTRUCT TANKER TRUCK DELIVERY SYSTEM

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
0701111S	126925	DESC1801	20,000

decrease. The 4th Fighter Wing and 916th Air Refueling Wing provide support to CENTCOM, PACOM, SOUTHCOM, and STRATCOM. The mission of these units will be impacted if the tank truck unload capability is not addressed and improved. The Base also supports Operation Noble Eagle and National Airborne Operations Center missions. Both of these missions will be affected if unload and load capability is not increased.

ADDITIONAL: An analysis considered several alternatives for providing fuel for the missions at Seymour Johnson AFB. Construction of new fuel facilities was the most cost effective solution. This project will meet all applicable DoD criteria to include cyber-security. The Defense Logistics Agency certifies that this facility has been considered for joint use, as applicable, by other components. Mission requirements, operational considerations, and location are incompatible with use by the other components. This site is outside of the 100-year floodplain.

12. Supplemental Data:	
A. Estimated Design Data:	
1.Status	
(a) Date Design Started:	11/14
(b) Parametric Cost Estimate Used to Develop Costs (Yes/No):	Yes
(c) Percent Complete as of January 2017:	35%
(d) Date 35 Percent Complete:	06/16
(e) Date Design Complete:	10/17
(f) Type of Design Contract	D/B/B
2. Basis	
(a) Standard or Definitive Design:	No
(b) Date Design was Most Recently Used:	N/A
3. Total Cost (c) = (a)+(b) or (d)+(e) ($000)	
(a) Production of Plans and Specifications	1,000
(b) All Other Design Costs	450
(c) Total	1,450
(d) Contract	0
(e) In-House	1,450
4. Contract Award	01/18
5. Construction Start	03/18
6. Construction Complete	12/20

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

PURPOSE	APPROPRIATION	FISCAL YEAR REQUIRED	AMOUNT ($000)
Automated Tank Gauging	DWCF	2018	50
Contaminated Soils Disposal	DWCF	2018	230

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

1. Component	FY 2018 MILITARY CONSTRUCTION PROGRAM	2. Date
DEFENSE (DLA)		May 2017

3. Installation And Location	4. Command	5. Area Construction Cost Index
SHAW AIR FORCE BASE, SOUTH CAROLINA	DEFENSE LOGISTICS AGENCY	0.87

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	22,900
E. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM	0
F. PLANNED IN NEXT THREE PROGRAM YEARS	29,500
G. REMAINING DEFICIENCY	
H. GRAND TOTAL	52,400

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	Consolidate Fuel Facilities	4 OL	22,900	04/16	08/17

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)*
121	DESC2016	CONSTRUCT TYPE IV HYDRANT SYSTEM	29,500

10. MISSION OR MAJOR FUNCTION

Shaw Air Force Base, S.C., is home to the 20th Fighter Wing (FW). Shaw's current aircraft include 85 F-16CJ Fighting Falcons. The wing's three fighter squadrons train to perform suppression or destruction of enemy air defenses (SEAD), air-to-air, air-to-ground and close air support. The 20th FW is the only SEAD or "Wild Weasel" wing in the continental United States, and the largest F-16 combat wing in the U.S. Air Force. These fuel facilities provide essential storage and distribution systems to support the missions of assigned units at Shaw Air Force Base.

Deferred sustainment, restoration, and modernization for fuel facilities at this location is $0.05 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 2018 MILITARY CONSTRUCTION PROJECT DATA	2. Date
DEFENSE (DLA)		May 2017

3. Installation and Location	4. Project Title
SHAW AIR FORCE BASE, SOUTH CAROLINA	CONSOLIDATE FUEL FACILITIES

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
0702976S	126925	DESC1608	22,900

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
PRIMARY FACILITIES	-	-	-	10,763
PUMP HOUSE (CC 125977)	GM	600	6,900	(4,140)
TRUCK FILL STAND (CC 126925)	OL	4	743,464	(2,974)
PIPING (CC 125554)	LF	1,815	1,016	(1,844)
POL OPERATIONS BUILDING (CC 121111)	SF	6,467	279	(1,805)
SUPPORTING FACILITIES	-	-	-	9,815
SITE IMPROVEMENTS	LS	-	-	(6,823)
UPGRADE TANKS 27-29	LS	-	-	(1,381)
SITE ELECTRICAL UTILITIES	LS	-	-	(923)
SITE DEMOLITION & RELOCATION	LS	-	-	(483)
REMEDIATION SYSTEM PROTECTION	LS	-	-	(205)
SUBTOTAL	-	-	-	20,578
CONTINGENCY (5%)	-	-	-	1,029
ESTIMATED CONTRACT COST	-	-	-	21,607
SUPERVISION, INSPECTION & OVERHEAD (SIOH) (5.7)	-	-	-	1,232
TOTAL	-	-	-	22,839
TOTAL (ROUNDED)	-	-	-	22,900
EQUIPMENT FROM OTHER APPROPRIATIONS	-	-	-	(3,330)

10. Description of Proposed Construction:
Construct four 600-GPM Jet Fuel Truck Fill Stands with canopies to replace four existing truck fill stands. Construct a new pump house with pumps, control room, filter separators, piping, product recovery tanks, upgrade fuel storage tanks 27, 28 & 29, construct refueler truck parking for seventeen R-11 fuel trucks and three C-301 tanker trucks, and a new POL operations facility. Existing Buildings 1725, 112, 101 and two small ancillary buildings will be demolished and consolidated in the new POL operations facility located at the bulk fuel area.

11. REQUIREMENT: 4 Outlets (OL) **ADEQUATE:** 0 EA **SUBSTANDARD:** 0 OL

PROJECT: Replace and consolidate an obsolete fuel system with a modern system with fill stands, pump house and operations building. (C)

REQUIREMENT: The existing bulk fuel facility requires properly sized refueler truck fill stands, associated piping and pumping systems. These new facilities will replace substandard, low capacity truck fill stands that support fueling of small and large frame aircraft.

CURRENT SITUATION: The fuel facilities at Shaw AFB are currently divided between two operating areas. The Bulk Storage area at the southern end of the base includes the truck and

1. Component	FY 2018 MILITARY CONSTRUCTION PROJECT DATA	2. Date
DEFENSE (DLA)		May 2017

3. Installation and Location	4. Project Title
SHAW AIR FORCE BASE, SOUTH CAROLINA	CONSOLIDATE FUEL FACILITIES

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
0702976S	126925	DESC1608	22,900

rail fuel receipt facility, three aboveground fuel storage tanks, fuel issue and receipt equipment pad, four truck fill stand positions, and POL Operations Building 112. A contractor-operated refueler maintenance facility (building 118) is also located in this area. The second fuels operating area is located approximately 2 miles away, at the northern end of the base. This includes building 1725 (Fuels Management, Laboratory, Operations), building 1717 (training and support), and the main refueler parking area with a refueler checkout station and canopy. To promote efficiency and better support the bases mission these two fuel logistics areas need to be combined.

The current fuels buildings and facilities are 40+ years old and are generally in poor condition. There are many functional, safety, and environmental related deficiencies and criteria violations: loading stand flowrate is insufficient, spill containment is undersized, tank piping is undersized, filtration capacity is undersized, the fuels laboratory is located several miles from the main fueling areas resulting in significant fuel testing delays. The laboratory is also undersized and poorly configured, lacks adequate ventilation, and does not meet fire codes. The fuel facilities do not meet anti-terrorism force protection setback requirements.

IMPACT IF NOT PROVIDED: Over 40,000 man-hours per year are expended filling trucks using the existing load stands. New, high flow-rate fill stands will reduce fill time by half and reduce fuel truck turn-around times. Improved fuel truck turn-around times will enhance both training sortie effectiveness and the ability of the Air Force and other services to maintain mission readiness.

ADDITIONAL: This project meets Air Force facility requirements criteria and all applicable DoD criteria to include cyber-security requirements. A construction phasing plan is required in order to keep at least one bulk fuel tank in operation at all times. This site is outside of the 100-year floodplain.

12. Supplemental Data:	
A. Estimated Design Data:	
1. Status	
(a) Date Design Started:	04/16
(b) Parametric Cost Estimate Used to Develop Costs (Yes/No):	NO
(c) Percent Complete as of January 2017:	35%
(d) Date 35 Percent Complete:	06/16
(e) Date Design Complete:	08/17
(f) Type of Design Contract	D/B/B
2. Basis	
(a) Standard or Definitive Design:	No
(b) Date Design was Most Recently Used:	N/A

1. Component	FY 2018 MILITARY CONSTRUCTION PROJECT DATA	2. Date
DEFENSE (DLA)		May 2017

3. Installation and Location	4. Project Title
SHAW AIR FORCE BASE, SOUTH CAROLINA	CONSOLIDATE FUEL FACILITIES

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
0702976S	126925	DESC1608	22,900

3. Total Cost (c) = (a)+(b) or (d)+(e) ($000)	
(a) Production of Plans and Specifications	1,162
(b) All Other Design Costs	613
(c) Total	1,775
(d) Contract	1,515
(e) In-House	147
4. Contract Award	04/18
5. Construction Start	05/18
6. Construction Complete	11/19

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

PURPOSE	APPROPRIATION	FISCAL YEAR REQUIRED	AMOUNT ($000)
Furniture	DWCF	2018	130
Security/Access Control System	DWCF	2018	200
Rack System & MHE	DWCF	2018	3,000

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

1. Component	FY 2018 MILITARY CONSTRUCTION PROGRAM	2. Date
DEFENSE (DLA)		May 2017

3. Installation And Location	4. Command	5. Area Construction Cost Index
HILL AIR FORCE BASE, UTAH	DEFENSE LOGISTICS AGENCY	1.03

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	20,000
E. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM	
F. PLANNED IN NEXT THREE PROGRAM YEARS	
G. REMAINING DEFICIENCY	
H. GRAND TOTAL	20,000

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
125	REPLACE POL FACILITIES	800 GM	20,000	01/15	11/17

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

Hill Air Force Base is the home of the active duty 388th and reserve 419th Fighter Wings flying the F-35 and F-16 respectively. They prepare to deploy worldwide to conduct air-to-air and air-to-ground combat operations. Hill AFB is also home to the Ogden Air Logistics Complex that provides logistics, support, maintenance and distribution for the F-35 Lightning II, F-22 Raptor, F-16 Fighting Falcon and A-10 Thunderbolt. In addition, it maintains the C-130 Hercules, T-38 Talon and other weapon systems, as well as the Minuteman III ICBM. These fuel facilities provide essential fuel distribution systems to support the missions of assigned units at Hill Air Force Base.

Deferred sustainment, restoration, and modernization for fuel facilities at this location is $0.07 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 2018 MILITARY CONSTRUCTION PROJECT DATA	2. Date
DEFENSE (DLA)		May 2017

3. Installation and Location	4. Project Title
HILL AIR FORCE BASE, UTAH	REPLACE POL FACILITIES

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
0702976S	125210	DESC1802	20,000

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
PRIMARY FACILITIES.....	-	-	-	14,282
POL PIPING (CC 125210).....	LF	6,000	1,430	(8,580)
PUMP HOUSE (CC 125977).....	GM	800	5,643	(4,514)
TRUCK FILL STAND (CC 126925).....	OL	2	159,000	(318)
TRUCK UNLOAD (CC 126926).....	OL	2	435,000	(870)
SUPPORTING FACILITIES.....	-	-	-	3,699
SITE PREP AND IMPROVEMENTS.....	LS	-	-	(1,669)
ELECTRICAL UTILITIES.....	LS	-	-	(1,446)
DEMOLITION.....	LS	-	-	(584)
SUBTOTAL.....	-	-	-	17,981
CONTINGENCY (5%).....	-	-	-	899
ESTIMATED CONTRACT COST.....	-	-	-	18,880
SUPERVISION, INSPECTION & OVERHEAD (SIOH) (5.7%)..	-	-	-	1,076
TOTAL	-	-	-	19,956
TOTAL (ROUNDED)	-	-	-	20,000
EQUIPMENT FROM OTHER APPROPRIATIONS	-	-	-	(300)

10. Description of Proposed Construction:
Construct a fuel distribution system and pump house to replace existing piping and pump house (building 870). Facility shall support two 800-GPM fuel transfer and four 600-GPM truck load/unload pumps with hoist system for pump maintenance; filter separators, emergency eyewash station, and control room with emergency shut-off, restroom, intrusion detection, and fire suppression system. Project shall provide two fuel manifolds and associated piping and connections, product recovery tank, two truck load stands with loading arms, two truck unload stands with pump extensions and canopies. Project includes demolition and replacement of above ground site-wide issue and receipt piping and pipe supports, provide leak detection and cathodic protection for underground piping sections, upgrade nozzle sizes at tanks. Demolish building 870 and existing fuel lines, manifolds and valves as needed. Provide all supporting facilities including utility upgrades, site improvements, communication support, lightning protection, and an access drive and paved loading areas for a complete and usable system.

11. REQUIREMENT: 800 GM **ADEQUATE:** 0 **SUBSTANDARD:** 600 GM

PROJECT: Replace POL Pump House, provide load and unload stands. (C)

REQUIREMENT: Hill AFB requires a modern, adequately sized system to ensure safe and timely fuel delivery at the lowest possible cost.

CURRENT SITUATION: Existing system, pumps and piping are antiquated and the system requires replacement. Existing above ground piping is undersized and lacks anti-corrosion coating.

1. Component	FY 2018 MILITARY CONSTRUCTION PROJECT DATA	2. Date
DEFENSE (DLA)		May 2017

3. Installation and Location	4. Project Title
HILL AIR FORCE BASE, UTAH	REPLACE POL FACILITIES

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
0702976S	125210	DESC1802	20,000

Piping is susceptible to failure under pressure. The existing pump house is deteriorating. The pump house provides only marginal protection from inclement weather. The pump house capacity is not capable of supporting efficient fuel transfer operations. The truck stands do not support efficient unloading, especially during inclement weather or during unloading of oversized tractor-trailer trucks. Single truck unloading results in long delays and awaiting tanker trucks routinely cause traffic congestion near the site entrance.

IMPACT IF NOT PROVIDED: Without this project, the demands on the fuel distribution and return system will negatively impact system efficiency and timely delivery of fuel. New piping must be installed or the continued use of the 800-GPM pumps will stress the existing undersized piping and increase the likelihood of pipe failure. A pipe failure could result in a large fuel spill and place personnel and base housing occupants located in close proximity at risk. A fuel spill will require extensive cleanup and remediation costs, affect aircraft training sorties, potential overseas deployments & missions could be cancelled or delayed in the event of a system failure. The poor condition of the pump house will continue to degrade and expose electronic circuitry housed within, to the elements. The existing truck stands do not allow efficient fuel unload from tractor-trailer trucks. Single truck unloading is necessary, often resulting in long delays. Awaiting tanker trucks routinely cause traffic congestion near the site entrance. Slow and inefficient fuel truck unload operations will continue to affect the ability of the 75th LRS to effectively support the fuels mission.

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

12. Supplemental Data:	
A. Estimated Design Data:	
1. Status	
(a) Date Design Started:	01/15
(b) Parametric Cost Estimate Used to Develop Costs (Yes/No):	YES
(c) Percent Complete as of January 2017:	100%
(d) Date 35 Percent Complete:	06/16
(e) Date Design Complete:	12/16
(f) Type of Design Contract	D/B/B
2. Basis	
(a) Standard or Definitive Design:	No
(b) Date Design was Most Recently Used:	N/A
3. Total Cost (c) = (a)+(b) or (d)+(e) ($000)	1,217
(a) Production of Plans and Specifications	625
(b) All Other Design Costs	592
(c) Total	1,217
(d) Contract	
(e) In-House	
4. Contract Award	01/18
5. Construction Start	02/18
6. Construction Complete	10/20
B. Equipment associated with this project that will be provided from other appropriations:	

1. Component	FY 2018 MILITARY CONSTRUCTION PROJECT DATA	2. Date
DEFENSE (DLA)		May 2017

3. Installation and Location	4. Project Title
HILL AIR FORCE BASE, UTAH	REPLACE POL FACILITIES

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
0702976S	125210	DESC1802	20,000

PURPOSE	APPROPRIATION	FISCAL YEAR REQUIRED	AMOUNT ($000)
CONTAMINATED SOILS DISPOSAL	3400	2018	100
AUTOMATED TANK GAUGING	DWCF	2018	200

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

1. Component	FY 2018 MILITARY CONSTRUCTION PROGRAM	2. Date
DEFENSE (DLA)		May 2017

3. Installation And Location	4. Command	5. Area Construction Cost Index
DLA DISTRIBUTION NORFOLK NAVAL STATION, NORFOLK, VA	DEFENSE LOGISTICS AGENCY	0.90

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	18,500
E. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM	
F. PLANNED IN NEXT THREE PROGRAM YEARS	
G. REMAINING DEFICIENCY	
H. GRAND TOTAL	18,500

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	REPLACE HAZARDOUS MATERIALS WAREHOUSE	49,686 SF	18,500	10/16	11/17

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 has the primary mission to provide distribution services and tailored logistics solutions of the highest quality on time and at the best value to the Warfighter and other customers. The DLA warehouse missions on Naval Station (NAVSTA) Norfolk include all naval shore activities east of the Mississippi River, namely the Atlantic and Mediterranean Fleets, North Atlantic Treaty Organization (NATO) activities, and local Army and Air Force Bases.

Deferred sustainment, restoration, and modernization for facilities at this location is $10 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 2018 MILITARY CONSTRUCTION PROJECT DATA	2. Date
DEFENSE (DLA)		May 2017

3. Installation and Location	4. Project Title
NORFOLK NAVAL STATION, NORFOLK, VA	REPLACE HAZARDOUS MATERIALS WAREHOUSE

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
0702976S	44130	DDNV1801	18,500

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
PRIMARY FACILITIES.....	-	-	-	8,894
HAZMAT WAREHOUSE & ADMIN NAVSTA (CC 44130).....	SF	35,904	207	(7,432)
GAS CYLINDER STORAGE SHED NAVSTA (CC 44135).....	SF	13,000	95	(1,235)
FORKLIFT STORAGE SHED (CC 44135).....	SF	682	268	(183)
GATE HOUSE NAVSTA (CC 73025).....	SF	100	440	(44)
SUPPORTING FACILITIES.....	-	-	-	7,774
SITE PREP, PAVING & IMPROVEMENTS.....	LS	-	-	(2,797)
SPECIAL FOUNDATIONS.....	LS	-	-	(2,038)
SITE UTILITIES.....	LS	-	-	(1,891)
DEMOLITION.....	LS	-	-	(1,048)
SUBTOTAL.....	-	-	-	16,668
CONTINGENCY (5%)	-	-	-	833
ESTIMATED CONTRACT COST	-	-	-	17,501
SUPERVISION, INSPECTION & OVERHEAD (SIOH) (5.7%)..	-	-	-	998
TOTAL.....	-	-	-	18,499
TOTAL (ROUNDED)	-	-	-	18,500
EQUIPMENT FROM OTHER APPROPRIATIONS	-	-	-	(1,670)

10. Description of Proposed Construction:

Construct a non-combustible Hazardous Materials (HAZMAT) Warehouse. It will include sufficient clear stacking height storage, concrete floors at dock height, weather-sealed truck doors, loading docks with dock levelers, shipping and receiving areas, admin office space, restrooms with lockers, employee lunch/break/training room, and utility spaces. The project will also include a gas cylinder storage shed with forklift storage and charging capability. Supporting facilities include site improvements, dumpster enclosures, utilities, fire protection, storm drainage, site information systems, site lighting, paving (access roadways, hardstand aprons, parking), fencing, walks, landscaping, and related improvements. Provide aboveground fire protection water storage tank(s) and associated fire pumps, piping, etc. Site work includes improvements to parking areas to replace displaced parking.

Demolition at NAVSTA Norfolk includes a portion of existing warehouse CEP-156 (approx. 110,668 SF, FCI=67), the adjacent gatehouse CEP-180 (approx. 108 SF, FCI=76) and the existing gas cylinder storage shed (Shed X380, approx. 67,300 SF, FCI=64). The existing warehouse will return to the host installation for reuse.

11. REQUIREMENT: 105,600 Square Feet (SF) **ADEQUATE:** 0 SF **SUBSTANDARD:** 201,792 SF

PROJECT: Construct modern hazmat warehouse with appropriate administrative areas, gas cylinder storage and forklift storage and charging facilities. (C)

1. Component	FY 2018 MILITARY CONSTRUCTION PROJECT DATA	2. Date
DEFENSE (DLA)		May 2017

3. Installation and Location	4. Project Title
NORFOLK NAVAL STATION, NORFOLK, VA	REPLACE HAZARDOUS MATERIALS WAREHOUSE

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
0702976S	44130	DDNV1801	18,500

REQUIREMENT: This new HAZMAT warehouse will store oxidizers, corrosives and flammable items. Provide modern, 'state of the art' conforming storage facilities for hazardous materials. Current facilities do not meet modern fire or life-safety code requirements. DLA Distribution Norfolk supports naval shore activities east of the Mississippi River, and the Atlantic and Mediterranean Fleets. Customers include ships, aircraft carriers, destroyers, submarines, major Navy industrial activities and shore establishments. DLA also provides support to local Air Force and Army installations. DLA Distribution serves as the main supply point for the U.S. Navy supporting the North Atlantic Treaty Organization (NATO).

CURRENT SITUATION: DLA Distribution Norfolk's existing HAZMAT Warehouse facilities are World War II-era structures that are inefficient, and were not designed for HAZMAT warehouse operations. They lack proper safety and fire suppression systems and lack necessary HAZMAT storage capacity. The capacity shortage cannot be resolved by renovation and the cost to refit safety and fire suppression systems exceeds cost guidelines for building replacement. The existing gas cylinder storage shed, building 380, is not compliant with fire suppression requirements and the roof and structure are in very poor condition.

IMPACT IF NOT PROVIDED: If this project is not provided, DLA Distribution Norfolk will continue storing hazardous materials in non-conforming storage facilities that do not meet current life safety/fire safety code requirements. The Depot's HAZMAT warehouse facility will continue to have inadequate capacity as well as have insufficient egress, noncompliant firewalls, inadequate fire suppression systems, fire alarms, and inadequate ventilation. In addition, the Depot's gas cylinder storage facility will continue to be deficient due to the lack of required fire suppression systems.

ADDITIONAL: This project has been coordinated with the NAVSTA Norfolk installation engineers and planners for integration of utilities and the installation's long-range master plan. Coordination of installation physical security plan and required physical security measures are included. Alternative methods were explored during the project development and this project is the only feasible option to meet the requirement. The project will integrate sustainable principles, including life-cycle cost effective practices and low impact development into the development, design, and construction. This project will meet all applicable DoD criteria to include cyber-security. The project site appears to lie within the 100-year floodplain, however flood mitigation measures will be incorporated into the design and building finished floor elevations will be located above the 100-year flood elevation.

12. Supplemental Data:	
A. Estimated Design Data:	
1. Status	
(a) Date Design Started:	10/16
(b) Parametric Cost Estimate Used to Develop Costs (Yes/No):	No
(c) Percent Complete as of January 2017:	15%
(d) Date 35 Percent Complete:	04/17
(e) Date Design Complete:	11/17
(f) Type of Design Contract	D/B/B

1. Component	FY 2018 MILITARY CONSTRUCTION PROJECT DATA	2. Date
DEFENSE (DLA)		May 2017

3. Installation and Location	4. Project Title
NORFOLK NAVAL STATION, NORFOLK, VA	REPLACE HAZARDOUS MATERIALS WAREHOUSE

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
0702976S	44130	DDNV1801	18,500

2. Basis	
(a) Standard or Definitive Design:	No
(b) Date Design was Most Recently Used:	N/A
3. Total Cost (c) = (a)+(b) or (d)+(e) ($000)	
(a) Production of Plans and Specifications	1,150
(b) All Other Design Costs	650
(c) Total	1,755
(d) Contract	1,432
(e) In-House	323
4. Contract Award	06/18
5. Construction Start	07/18
6. Construction Complete	05/20

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

PURPOSE	APPROPRIATION	FISCAL YEAR REQUIRED	AMOUNT ($000)
Furniture	DWCF	2018	65
Security/Access Control System	DWCF	2018	100
Rack System & MHE	DWCF	2018	1,500
Info Sys	DWCF	2018	5

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

1. Component	FY 2018 MILITARY CONSTRUCTION PROGRAM	2. Date
DEFENSE (DLA)		May 2017

3. Installation And Location	4. Command	5. Area Construction Cost Index
NORFOLK NAVAL SHIPYARD, PORTSMOUTH, VA	DEFENSE LOGISTICS AGENCY	0.90

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	22,500
E. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM	
F. PLANNED IN NEXT THREE PROGRAM YEARS	
G. REMAINING DEFICIENCY	
H. GRAND TOTAL	22,500

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	REPLACE HAZARDOUS MATERIALS WAREHOUSE	62,182 SF	22,500	10/16	11/17

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 has the primary mission to provide distribution services and tailored logistics solutions of the highest quality on time and at the best value to the Warfighter and other customers. The DLA mission on the Norfolk Naval Shipyard (NNSY) supports one of the largest shipyards in the world and is focused on United States (U.S.) Navy ship and submarine maintenance, repair, and refit.

Deferred sustainment, restoration, and modernization for facilities at this location is $0.5 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 2018 MILITARY CONSTRUCTION PROJECT DATA	2. Date
DEFENSE (DLA)		May 2017

3. Installation and Location	4. Project Title
NORFOLK NAVAL SHIPYARD, PORTSMOUTH, VA	REPLACE HAZARDOUS MATERIALS WAREHOUSE

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
0702976S	44130	DDNV1802	22,500

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
PRIMARY FACILITIES	-	-	-	11,916
HAZMAT WAREHOUSE & ADMIN NNSY (CC 44130)	SF	52,500	207	(10,878)
GAS CYLINDER STORAGE SHED NNSY (CC 44135)	SF	9,000	95	(855)
FORKLIFT STORAGE SHED (CC 44135)	SF	682	268	(183)
SUPPORTING FACILITIES	-	-	-	8,287
SITE PREP, PAVING & IMPROVEMENTS	LS	-	-	(2,797)
SPECIAL FOUNDATIONS	LS	-	-	(2,551)
SITE UTILITIES	LS	-	-	(1,891)
DEMOLITION	LS	-	-	(1,048)
SUBTOTAL	-	-	-	20,203
CONTINGENCY (5%)	-	-	-	1,010
ESTIMATED CONTRACT COST	-	-	-	21,213
SUPERVISION, INSPECTION & OVERHEAD (SIOH) (5.7%)	-	-	-	1,209
TOTAL	-	-	-	22,422
TOTAL (ROUNDED)	-	-	-	22,500
EQUIPMENT FROM OTHER APPROPRIATIONS	-	-	-	(1,670)

10. Description of Proposed Construction:

Construct a non-combustible Hazardous Materials (HAZMAT) Warehouse. It will include sufficient clear stacking height storage, concrete floors at dock height, weather-sealed truck doors, loading docks with dock levelers, shipping and receiving areas, admin office space, restrooms with lockers, employee lunch/break/training room, and utility spaces. The project will also include a gas cylinder storage shed with forklift storage and charging capability. Supporting facilities include site improvements, dumpster enclosures, utilities, fire protection, storm drainage, site information systems, site lighting, paving (access roadways, hardstand aprons, parking), fencing, walks, landscaping, and related improvements. Provide aboveground fire protection water storage tank(s) and associated fire pumps, piping, etc. Site work includes improvements to parking areas to replace displaced parking.

Relocate ready service lockers (RSL's) and demolish gas cylinder storage shed (Shed 1567, approx. 15,400 SF, FCI=76) and a shed area office (approx. 96 SF).

11. REQUIREMENT: 105,600 Square Feet (SF) **ADEQUATE:** 0 SF **SUBSTANDARD:** 201,792 SF

PROJECT: Construct a modern hazmat warehouse with appropriate administration areas, gas cylinder storage and forklift storage & charging facilities. (C)

1. Component	FY 2018 MILITARY CONSTRUCTION PROJECT DATA	2. Date
DEFENSE (DLA)		May 2017

3. Installation and Location	4. Project Title
NORFOLK NAVAL SHIPYARD, PORTSMOUTH, VA	REPLACE HAZARDOUS MATERIALS WAREHOUSE

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
0702976S	44130	DDNV1802	22,500

REQUIREMENT: This new HAZMAT warehouse will store oxidizers, corrosives and flammable items. Provide a modern 'state of the art' conforming storage facilities for hazardous materials to replace facilities that do not meet current fire or life-safety code requirements. DLA Distribution Norfolk supports naval shore activities east of the Mississippi River, and the Atlantic and Mediterranean Fleets. The customer base includes all naval vessels, major Navy industrial activities and shore establishments. DLA supports local Air Force and Army installations as well. DLA Distribution serves as the main supply point for the U.S. Navy supporting the North Atlantic Treaty Organization (NATO).

CURRENT SITUATION: DLA Distribution Norfolk's existing HAZMAT Warehouse facilities located at NNSY are World War II-era structures that are inefficient and were not designed for HAZMAT warehouse operations. They lack proper safety and fire suppression systems and do not have the required storage capacity. The capacity shortage cannot be resolved by renovation and the cost to refit safety and fire suppression systems exceeds cost guidelines for building replacement. The existing gas cylinder storage shed is not compliant with fire suppression requirements. The existing warehouse will be returned to the host installation for reuse and the gas cylinder storage shed will be demolished.

IMPACT IF NOT PROVIDED: If this project is not provided, DLA Distribution Norfolk will continue storing hazardous materials in non-conforming storage facilities that do not meet current life safety/fire safety code requirements. The Depot's HAZMAT warehouse facilities will continue to have inadequate capacity, insufficient egress, noncompliant firewalls, inadequate fire suppression systems, fire alarms, and inadequate ventilation. The gas cylinder storage facilities will be deficient due to the lack of required fire suppression systems.

ADDITIONAL: This project has been coordinated with the NNSY installation engineers and planners for integration of utilities and the installation's long-range master plan. Coordination of installation physical security plan and required physical security measures are included. Alternative methods were explored during project development and this project is the only feasible option to meet the requirement. The project will integrate sustainable principles, including life-cycle cost effective practices and low impact development into the design, and construction. This project will meet all applicable DoD criteria to include cyber-security. The project site appears to lie within the 100-year floodplain. Flood mitigation measures will be incorporated into the design and building finished-floor elevations will be located above the 100-year flood elevation.

12. Supplemental Data:	
A. Estimated Design Data:	
1. Status	
(a) Date Design Started:	10/16
(b) Parametric Cost Estimate Used to Develop Costs (Yes/No):	No
(c) Percent Complete as of January 2017:	15%
(d) Date 35 Percent Complete:	04/17
(e) Date Design Complete:	11/17
(f) Type of Design Contract	D/B/B

1. Component	FY 2018 MILITARY CONSTRUCTION PROJECT DATA	2. Date
DEFENSE (DLA)		May 2017

3. Installation and Location	4. Project Title
NORFOLK NAVAL SHIPYARD, PORTSMOUTH, VA	REPLACE HAZARDOUS MATERIALS WAREHOUSE

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
0702976S	44130	DDNV1802	22,500

2. Basis	
(a) Standard or Definitive Design:	No
(b) Date Design was Most Recently Used:	N/A
3. Total Cost (c) = (a)+(b) or (d)+(e) ($000)	
(a) Production of Plans and Specifications	1,391
(b) All Other Design Costs	735
(c) Total	2,126
(d) Contract	1,803
(e) In-House	323
4. Contract Award	06/18
5. Construction Start	07/18
6. Construction Complete	05/20

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

PURPOSE	APPROPRIATION	FISCAL YEAR REQUIRED	AMOUNT ($000)
Furniture	DWCF	2018	65
Security/Access Control System	DWCF	2018	100
Rack System & MHE	DWCF	2018	1,500
Info Sys	DWCF	2018	5

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

1. Component	FY 2018 MILITARY CONSTRUCTION PROGRAM	2. Date
DEFENSE (DLA)		May 2017

3. Installation And Location	4. Command	5. Area Construction Cost Index
NSA SOUDA BAY, CRETE, GREECE	DEFENSE LOGISTICS AGENCY	1.13

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	18,100
E. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM	
F. PLANNED IN NEXT THREE PROGRAM YEARS	
G. REMAINING DEFICIENCY	
H. GRAND TOTAL	18,100

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	CONSTRUCT HYDRANT SYSTEM	10 OL	18,100	06/17	06/19

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)*
		NONE	

10. MISSION OR MAJOR FUNCTION

The mission of Naval Support Activity (NSA) Souda Bay is to extend Joint and Fleet warfighting capability through operational support to U.S., Allied and Coalition Forces deployed within the EUCOM/CENTCOM/AFRICOM AORs. NSA Souda Bay serves a wide range of military aircraft and must be capable of accommodating a diverse fleet mix on the ground at any given time. These aircraft include KC-135s, P-3, C-130, C-17, C-5 and B747s. These fuel facilities provide essential fuel distribution systems to support the missions at NSA Souda Bay.

Deferred sustainment, restoration, and modernization for fuel facilities at this location is $0.23 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 2018 MILITARY CONSTRUCTION PROJECT DATA	2. Date
DEFENSE (DLA)		May 2017

3. Installation and Location	4. Project Title
NSA SOUDA BAY, CRETE, GREECE	CONSTRUCT HYDRANT SYSTEM

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
0701111S	12521	DESC1703	18,100

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
PRIMARY FACILITIES	-	-	-	14,234
PIPING (CC 12521)	LF	5,000	1,712	(8,560)
HYDRANTS (CC 12110)	OL	10	567,400	(5,674)
SUPPORTING FACILITIES	-	-	-	1,935
SITE IMPROVEMENTS & UTILITIES	LS	-	-	(1,656)
DEMOLITION	LS	-	-	(279)
SUBTOTAL	-	-	-	16,169
CONTINGENCY (5%)	-	-	-	808
ESTIMATED CONTRACT COST	-	-	-	16,977
SUPERVISION, INSPECTION & OVERHEAD (SIOH) (6.5%)	-	-	-	1,104
TOTAL		-	-	18,081
TOTAL (ROUNDED)				18,100
EQUIPMENT FROM OTHER APPROPRIATIONS	-	-	-	(1,344)

Currency Exchange Rate: €0.9104/$

10. Description of Proposed Construction:
Construct ten hydrant fueling pits, new fuel issue and return lines and piping loops as required to supply the hydrant stations with fuel and return to the tanks. Project includes pantograph flush/checkout stands, pantograph storage area, issue piping that meets UFC specifications, carbon steel return line piping, cathodic protection, valve pits, electrical vaults, fencing, gates, utilities, roadways, site lighting and related work. Modify existing leak detection system to accommodate new underground piping.

11. REQUIREMENT: 10 Outlets (OL) **ADEQUATE:** 0 OL **SUBSTANDARD:** 0 OL

PROJECT: Construct new hydrant fueling system with pits and piping in accordance with military petroleum fuel facilities standards. (C)

REQUIREMENT: Naval Supply Activity Souda Bay Airfield Capabilities plan dated 30 October 2012 identifies a requirement to provide adequate and efficient refueling of aircraft transiting the Mediterranean.

CURRENT SITUATION: NSA Souda Bay's taxiway and fuel system were originally designed to support small body fighter aircraft with a crescent shaped taxiway and five aboveground fixed pantograph refueling stations. As the mission and type of aircraft supported has changed to large body aircraft, the fueling capacity and capability requirements have also changed. The Airfield Capability Study determined that fifteen parking spaces are required for large body aircraft. Five parking spaces were constructed by Navy MILCON P-907, which is slated for completion in 2017. Navy MILCON project P-911 will be constructed concurrent with this fuels MILCON project and will further expand the apron and reconfigure the parking to provide four C-17 parking spaces, five KC-46A parking spaces, and one C-5 parking space. The current

1. Component	FY 2018 MILITARY CONSTRUCTION PROJECT DATA	2. Date
DEFENSE (DLA)		May 2017

3. Installation and Location	4. Project Title
NSA SOUDA BAY, CRETE, GREECE	CONSTRUCT HYDRANT SYSTEM

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
0701111S	12521	DESC1703	18,100

refueling stations configuration is inefficient and impractical due to the size of the aircraft, the layout of the taxiways and the operational tempo required during a wartime event. One in-ground refueling hydrant pit will be placed at each proposed parking space to increase refueling efficiency.

IMPACT IF NOT PROVIDED: NSA Souda Bay is an operational and logistical support base in the Mediterranean. Its mission is to refuel US and NATO aircraft transiting to the Mediterranean. The fuel delivery systems are not configured to support the current parking plan or the larger aircraft in an efficient and timely manner. Failure to provide the additional fueling stations will result in continued long turnaround times for aircraft, require additional personnel, and jeopardize mission accomplishment during peak wartime air operations.

ADDITIONAL: Design will comply with UFC Petroleum Fuel Facilities design. This project will meet all applicable DoD criteria to include cyber-security. A NATO funding package has been submitted for this project.

12. Supplemental Data:	
A. Estimated Design Data:	
1. Status	
(a) Date Design Started:	10/16
(b) Parametric Cost Estimate Used to Develop Costs (Yes/No):	No
(c) Percent Complete as of January 2017:	35%
(d) Date 35 Percent Complete:	11/16
(e) Date Design Complete:	06/17
(f) Type of Design Contract	D/B/B
2. Basis	
(a) Standard or Definitive Design:	No
(b) Date Design was Most Recently Used:	N/A
3. Total Cost (c) = (a)+(b) or (d)+(e) ($000)	
(a) Production of Plans and Specifications	
(b) All Other Design Costs	
(c) Total	$1,052
(d) Contract	$1,001
(e) In-House	$51
4. Contract Award	11/17
5. Construction Start	12/17
6. Construction Complete	01/20

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

PURPOSE	APPROPRIATION	FISCAL YEAR REQUIRED	AMOUNT ($000)

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

1. Component	FY 2018 MILITARY CONSTRUCTION PROGRAM	2. Date
DEFENSE (DLA)		May 2017

3. Installation And Location	4. Command	5. Area Construction Cost Index
ANDERSEN AIR FORCE BASE, GUAM	DEFENSE LOGISTICS AGENCY	2.54

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	23,900
E. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM	
F. PLANNED IN NEXT THREE PROGRAM YEARS	9,400
G. REMAINING DEFICIENCY	
H. GRAND TOTAL	33,300

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	CONSTRUCT TRUCK LOAD & UNLOAD FACILITY	6 OL	23,900	01/15	05/17

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)*
125	DESC1908	CONSTRUCT REFUELING FACILITIES XRAY WHARF	9,400

10. MISSION OR MAJOR FUNCTION

The 36th Wing operates Andersen Air Force Base (AFB) via its subordinate 36th Mission Support and Medical Groups; it provides power projection through an attached, rotational bomber force via the 36th Operations and Maintenance Groups and provides rapid air base opening and initial air base operations via the 36th Contingency Response Group. These fuel facilities provide essential fuel distribution systems to support the missions of units at Andersen AFB.

Deferred sustainment, restoration, and modernization for fuel facilities at this location is $0.04 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 2018 MILITARY CONSTRUCTION PROJECT DATA	2. Date
DEFENSE (DLA)		May 2017

3. Installation and Location	4. Project Title
ANDERSEN AIR FORCE BASE, GUAM	CONSTRUCT TRUCK LOAD & UNLOAD FACILITY

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
0701111S	12640	DESC1709	23,900

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
PRIMARY FACILITIES.....	-	-	-	4,329
FUEL TRUCK UNLOADING (CC 12640).....	OL	6	462,232	(2,773)
FUEL TRUCK LOADING (CC 12630).....	OL	2	462,232	(924)
GENERATOR/ELECTRICAL BUILDING (CC 81159).....	SF	1,050	602	(632)
SUPPORTING FACILITIES.....	-	-	-	17,089
CIVIL/MECH UTILITIES.....	LS	-	-	(11,887)
SITE IMPROVEMENTS & PAVEMENTS.....	LS	-	-	(2,749)
ELECTRICAL UTILITIES.....	LS	-	-	(2,453)
SUBTOTAL.....	-	-	-	21,418
CONTINGENCY (5%).....	-	-	-	1,071
ESTIMATED CONTRACT COST.....	-	-	-	22,489
SUPERVISION, INSPECTION & OVERHEAD (SIOH) (6.2%)..	-	-	-	1,394
TOTAL	-	-	-	23,883
TOTAL (ROUNDED)	-	-	-	23,900
EQUIPMENT FROM OTHER APPROPRIATIONS	-	-	-	0

10. Description of Proposed Construction:
Construct a six position fuel truck unload facility, with two of the six positions capable of dispensing fuel. Provide new underground piping, valves, fittings, flanges and other supporting appurtenances from the new unload facility to the existing manifold and filtration system. Provide fuel truck un-loading/loading pumps, piping and equipment for all positions. Construct a canopy for the system and a fuel truck parking area with spill containment. Widen the existing entrance roadways. Construct a new electrical/ generator building to house a backup generator with transfer switches, electrical control systems, switchboards and other supporting electrical equipment. Provide all supporting civil, mechanical and electrical utilities to include but not limited to electrical service, backup power, lighting, communications, cathodic protection, lightning protection, fire protection, drainage & storm water management, parking areas, access roads, sidewalks, fencing, gates, and landscaping.

11. REQUIREMENT: 6 Outlets (OL) **ADEQUATE:** 0 OL **SUBSTANDARD:** 0 OL

PROJECT: Construct a fuel truck load and unload facility. (C)

REQUIREMENT: A fuel truck load and unload facility that will accommodate six commercial trucks to provide Andersen AFB with a redundant capability to transfer jet fuel using commercial over the road tanker trucks. Simultaneous unloading requirement is for a total of 3,600-GPM, and a loading capability of 1,200-GPM. This project will provide Andersen AFB necessary resiliency by constructing an additional transfer mode to ensure adequate fuel supply in case of emergency pipeline downtime.

1. Component	FY 2018 MILITARY CONSTRUCTION PROJECT DATA	2. Date
DEFENSE (DLA)		May 2017

3. Installation and Location	4. Project Title
ANDERSEN AIR FORCE BASE, GUAM	CONSTRUCT TRUCK LOAD & UNLOAD FACILITY

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
0701111S	12640	DESC1709	23,900

CURRENT SITUATION: The existing truck unload facility does not have the necessary fuel unload capacity to meet contingency fuel requirements. If the main fuel supply pipeline were to fail the base could not receive sufficient fuel quickly enough to keep up with peak fuel demands. AAFB does not have immediate repair capability in the event that the supply pipeline is damaged, requires repair, or necessary maintenance requirements.

IMPACT IF NOT PROVIDED: Andersen AFB will continue to lack redundant fuel supply capability and will not meet the required resiliency requirements. Without this facility in place, fuel supply could be seriously interrupted or degraded, adversely impacting mission capability and could result in significant disruption of operations.

ADDITIONAL: This facility can be used by other components on an "as available" basis; however, the scope of this project is based on Air Force requirements. This project will meet all applicable DoD criteria to include cyber-security.

12. Supplemental Data:	
A. Estimated Design Data:	
1. Status	
(a) Date Design Started:	01/15
(b) Parametric Cost Estimate Used to Develop Costs (Yes/No):	Yes
(c) Percent Complete as of January 2017:	50%
(d) Date 35 Percent Complete:	08/15
(e) Date Design Complete:	05/17
(f) Type of Design Contract	D/B/B
2. Basis	
(a) Standard or Definitive Design:	No
(b) Date Design was Most Recently Used:	N/A
3. Total Cost (c) = (a)+(b) or (d)+(e) ($000)	
(a) Production of Plans and Specifications	$13
(b) All Other Design Costs	$111
(c) Total	$1,778
(d) Contract	$1,033
(e) In-House	$745
4. Contract Award	06/18
5. Construction Start	07/18
6. Construction Complete	12/20

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

PURPOSE	APPROPRIATION	FISCAL YEAR REQUIRED	AMOUNT ($000)

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

1. Component	FY 2018 MILITARY CONSTRUCTION PROGRAM	2. Date
DEFENSE (DLA)		May 2017

3. Installation And Location	4. Command	5. Area Construction Cost Index
NAS SIGONELLA, ITALY	DEFENSE LOGISTICS AGENCY	1.35

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	22,400
E. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM	
F. PLANNED IN NEXT THREE PROGRAM YEARS	
G. REMAINING DEFICIENCY	
H. GRAND TOTAL	22,400

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	CONSTRUCT HYDRANT SYSTEM	7 OL	22,400	5/15	1/17

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 primary mission of Naval Air Station (NAS) Sigonella is to provide consolidated operational, command and control, administrative, logistical and advanced logistical support to U.S. and other NATO forces. NAS Sigonella supports a rotation of various squadrons and multi-service, multi-national transient aircraft. Additionally, this station is the routing point for transiting military personnel and cargo movements throughout Europe, Africa and Southwest Asia. These fuel facilities provide essential fuel distribution systems to support the missions of assigned units at NAS Sigonella.

Deferred sustainment, restoration, and modernization for fuel facilities at this location is $1.4 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 2018 MILITARY CONSTRUCTION PROJECT DATA	2. Date
DEFENSE (DLA)		May 2017

3. Installation and Location	4. Project Title
NAS SIGONELLA, ITALY	CONSTRUCT HYDRANT SYSTEM

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
0701111S	12521	DESC1804	22,400

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
PRIMARY FACILITIES	-	-	-	13,934
HYDRANT PIPING (CC 12521)	LF	8,800	1,117	(9,827)
HYDRANT OUTLETS (CC 12110)	OL	7	586,468	(4,105)
PANTOGRAPH FLUSH CHECKOUT & STORAGE	EA	4	468	(2)
SUPPORTING FACILITIES.....	-	-	-	6,126
DEMOLITION.....	LS	-	-	(2,205)
ELECTRICAL UTILITIES.....	LS	-	-	(2,026)
SITE IMPROVEMENTS & PAVING.....	LS	-	-	(1,453)
SITE CIVIL, MECHANICAL.....	LS	-	-	(442)
SUBTOTAL.....	-	-	-	20,060
CONTINGENCY (5%).....	-	-	-	1,003
ESTIMATED CONTRACT COST.....	-	-	-	21,063
SUPERVISION, INSPECTION & OVERHEAD (SIOH) (6.2%)..	-	-	-	1,306
TOTAL	-	-	-	22,369
TOTAL (ROUNDED)		-	-	22,400
EQUIPMENT FROM OTHER APPROPRIATIONS				(906)

10. Description of Proposed Construction:
This project will replace an aging and inadequate jet fuel hydrant system and piping loop at Naval Air Station Sigonella (NASSIG). The new system will provide a new hydrant system and piping loop, refueling pits, pumps and control panel that service fueling operations on ramps 1, 2 and 3. The new piping system will provide a pantograph flushing capability and checkout stand facility near a new pantograph parking/storage area. New pavement will allow 'pull through' pantograph flushing and storage. Work includes all necessary pumps, control systems, leak detection system, cathodic protection, site work, utility connections and related work. Provide pavement widening as needed for fire truck access, provide fire protection per UFC requirements. Demolish or decommission existing valve pits, piping & equipment, existing pump control panel and related electrical controls. Project includes remediation of fuel-contaminated soil funded by other appropriations.

11. REQUIREMENT: 7 Outlets(OL) **ADEQUATE:** XX **SUBSTANDARD:** 3 OL

PROJECT: Replace inadequate hydrant system with a modern fuel system properly designed for reconfigured aircraft parking. (C)

REQUIREMENT: NASSIG is required to provide adequate and timely refueling of aircraft transiting to the Mediterranean.

CURRENT SITUATION: The existing hydrant system was constructed several decades ago, and was modified and extended in 2001. The hydrant loop piping has a history of internal corrosion

1. Component	FY 2018 MILITARY CONSTRUCTION PROJECT DATA	2. Date
DEFENSE (DLA)		May 2017

3. Installation and Location	4. Project Title
NAS SIGONELLA, ITALY	CONSTRUCT HYDRANT SYSTEM

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
0701111S	12521	DESC1804	22,400

issues and an insufficient number of refueling stations. The hydrants are inaccessible from the current aircraft parking plan and has a system configuration that makes the use of the pantographs time consuming and labor intensive.

NASSIG's apron and hydrant system were originally designed to support fewer aircraft with fewer parking spaces. As the mission and quantity of aircraft supported has increased, the apron parking plan has changed to accommodate the increase in air traffic. The location of the three existing hydrant pits does not work with the reconfigured aircraft parking plan.

Two separate pantograph storage areas store two pantographs each. Both pantograph storage areas require the pantographs be pushed into place by hand for storage. There is no pantograph flush/checkout stand, so the pantographs must be towed to a hydrant pit for flushing. Aircraft refueling occurs via refueler trucks due to current hydrant system issues. Hydrant systems refuel large aircraft faster than using refueler trucks because they eliminate the time it takes for the trucks to connect/disconnect from the hydrant pit and aircraft, transit to and from the truck fill stand, as well as the time to refuel the truck. During peak operations the base can host up to 25 different aircraft per day, with approximately half of them requiring a quick turnaround (defined as leaving the same day). NASSIG hosts a wide variety of aircraft, but the majority are large frame aircraft such as C-17s and C-5s. Air Operations records also indicate that there have been multiple mission delays associated with refueling. In addition, providing pull through pantograph parking with adjacent pantograph flush/checkout station will facilitate the use of the pantographs and improve efficiency of fueling operations.

IMPACT IF NOT PROVIDED: NASSIG is an operational and logistical support base whose mission is to refuel US and NATO aircraft transiting to the Mediterranean. The existing fuel system is incompatible with the current parking plan and is inefficient in fueling larger aircraft that transit Sigonella. There is a history of fuels related delays to the mission. Failure to provide the additional fueling stations will result in continued long turnaround times for aircraft and require additional personnel during wartime effort/peak air operations. This would negatively impact the COCOM's ability to support tasked OPLAN/CONPLANs and could result in mission delays or mission failure.

ADDITIONAL: This project may be eligible for NATO funding. A NATO funding package has been submitted for this project. This project will meet all applicable DoD criteria to include cyber-security.

12. Supplemental Data:	
A. Estimated Design Data:	
1. Status	
(a) Date Design Started:	05/2015
(b) Parametric Cost Estimate Used to Develop Costs (Yes/No):	Yes
(c) Percent Complete as of January 2017:	100%
(d) Date 35 Percent Complete:	08/2015
(e) Date Design Complete:	01/2017
(f) Type of Design Contract	D/B/B
2. Basis	
(a) Standard or Definitive Design:	No
(b) Date Design was Most Recently Used:	N/A

1. Component	FY 2018 MILITARY CONSTRUCTION PROJECT DATA	2. Date
DEFENSE (DLA)		May 2017

3. Installation and Location	4. Project Title
NAS SIGONELLA, ITALY	CONSTRUCT HYDRANT SYSTEM

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
0701111S	12521	DESC1804	22,400

3. Total Cost (c) = (a)+(b) or (d)+(e) ($000)	
(a) Production of Plans and Specifications	1,574
(b) All Other Design Costs	475
(c) Total	1,099
(d) Contract	
(e) In-House	
4. Contract Award	03/18
5. Construction Start	04/18
6. Construction Complete	10/19

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

PURPOSE	APPROPRIATION	FISCAL YEAR REQUIRED	AMOUNT ($000)
ENVIRONMENTAL REMEDIATION	DWCF	2018	906

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

1. Component	FY 2018 MILITARY CONSTRUCTION PROGRAM	2. Date
DEFENSE (DLA)		May 2017

3. Installation And Location	4. Command	5. Area Construction Cost Index
MARINE CORPS AIR STATION, IWAKUNI, JAPAN	DEFENSE LOGISTICS AGENCY	1.93

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	30,800
E. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM	0
F. PLANNED IN NEXT THREE PROGRAM YEARS	50,040
G. REMAINING DEFICIENCY	
H. GRAND TOTAL	80,840

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	CONSTRUCT BULK STORAGE TANKS PH 1	150,000 BL	30,800	12/14	07/16

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)*
411	DESC1803	CONSTRUCT BULK STORAGE TANKS PH 2 of 4	23,540
151	DESC1903	CONSTRUCT T-5 PIER	26,500

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.

Deferred sustainment, restoration, and modernization for fuel facilities at this location is $17.3 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 2018 MILITARY CONSTRUCTION PROJECT DATA	2. Date
DEFENSE (DLA)		May 2017

3. Installation and Location	4. Project Title
MARINE CORPS AIR STATION, IWAKUNI, JAPAN	CONSTRUCT BULK STORAGE TANKS, PHASE 1

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
0701111S	41150	DESC1803	30,800

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
PRIMARY FACILITIES	-	-	-	14,392
BULK TANKS (CC 41150)	BL	150,000	80.55	(12,083)
PIPING (CC 12521)	LF	6,050	381.81	(2,310)
SUPPORTING FACILITIES	-	-	-	13,109
SITE IMPROVEMENTS & DEMOLITION	LS	-	-	(12,037)
CIVIL & ELECTRICAL UTILITIES	LS	-	-	(854)
TANK GAUGING	LS	-	-	(218)
SUBTOTAL	-	-	-	27,501
CONTINGENCY (5%)	-	-	-	1,375
ESTIMATED CONTRACT COST	-	-	-	28,876
SUPERVISION, INSPECTION & OVERHEAD (SIOH) (6.5%)	-	-	-	1,877
TOTAL	-	-	-	30,753
TOTAL (ROUNDED)	-	-	-	30,800
EQUIPMENT FROM OTHER APPROPRIATIONS	-	-	-	(1,627)

10. Description of Proposed Construction:
Construct three new 50,000-barrel aboveground jet fuel storage tanks with sufficient secondary containment. Provide new transfer piping, valves, manifolds and related appurtenances from the new tanks to the existing pump house. Demolish three existing 10,000-barrel aboveground tanks, secondary containment and associated piping and apparatuses. Provide all supporting civil, mechanical and electrical utilities to include but not limited to, automatic tank gauging, electrical service, lighting, communications, cathodic protection, fire protection, drainage, access roads, sidewalks, gates, and landscaping. In addition, incorporate deep soil mixing or provide pile type foundations to improve soil-bearing capacity.

11. REQUIREMENT: 911,000 Barrel(BL) **ADEQUATE:** 0 BL **SUBSTANDARD:** 310,000 BL

PROJECT: Construct new aboveground jet fuel bulk storage tanks. (C)

REQUIREMENT: There is a need to provide additional jet fuel storage capacity at this location to support strategic enroute refueling operations, strategic airlift, and force projection in the Pacific. Bulk tanks will store the war reserve jet fuel required to sustain contingency operations pending resupply by tanker ships. This system will also permit more economical fuel resupply and reduce the number of resupply cycles to support the Air Station’s requirements.

CURRENT SITUATION: Current fuel storage at MCAS Iwakuni is approximately 34% of the necessary overall combined service requirements.
IMPACT IF NOT PROVIDED: If this project is not accomplished, MCAS Iwakuni will continue to function with insufficient jet fuel storage to meet contingency requirements. The ripple

1. Component	FY 2018 MILITARY CONSTRUCTION PROJECT DATA	2. Date
DEFENSE (DLA)		May 2017

3. Installation and Location	4. Project Title
MARINE CORPS AIR STATION, IWAKUNI, JAPAN	CONSTRUCT BULK STORAGE TANKS, PHASE 1

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
0701111S	41150	DESC1803	30,800

effect of backing-up requirements at other PACOM locations due to insufficient storage impacts the overall storage capabilities throughout PACOM.

ADDITIONAL: Land at MCAS Iwakuni is extremely limited due to existing development. The best option to gain additional tank storage is to replace some existing tanks with larger capacity tanks and construct new tanks in the existing fuel storage areas. The economic analysis and a MCAS Iwakuni POL Integration and Synchronization Study dated March 2014 supports this option to gain additional storage capacity. The layouts of the tanks in the new or updated containment areas will meet NFPA requirements that allow bulk fuel tanks to share common secondary containment areas. This project will meet all applicable DoD criteria to include cyber-security.

12. Supplemental Data:	
A. Estimated Design Data:	
1. Status	
(a) Date Design Started:	04/16
(b) Parametric Cost Estimate Used to Develop Costs (Yes/No):	Yes
(c) Percent Complete as of January 2017:	35%
(d) Date 35 Percent Complete:	06/16
(e) Date Design Complete:	08/17
(f) Type of Design Contract	D/B/B
2. Basis	
(a) Standard or Definitive Design:	No
(b) Date Design was Most Recently Used:	N/A
3. Total Cost (c) = (a)+(b) or (d)+(e) ($000)	
(a) Production of Plans and Specifications	1,700
(b) All Other Design Costs	1,200
(c) Total	2,900
(d) Contract	2,700
(e) In-House	200
4. Contract Award	06/18
5. Construction Start	07/18
6. Construction Complete	10/20

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

PURPOSE	APPROPRIATION	FISCAL YEAR REQUIRED	AMOUNT ($000)
AUTOMATIC TANK GAUGING	DWCF	2019	227
CONTAMINATED SOIL REMOVAL	DWCF	2019	1,400

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

1. Component	FY 2018 MILITARY CONSTRUCTION PROGRAM	2. Date
DEFENSE (DLA)		May 2017

3. Installation And Location	4. Command	5. Area Construction Cost Index
DFSP OKINAWA, JAPAN	DEFENSE LOGISTICS AGENCY	1.88

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	11,900
E. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM	
F. PLANNED IN NEXT THREE PROGRAM YEARS	
G. REMAINING DEFICIENCY	
H. GRAND TOTAL	11,900

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
163	REPLACE MOORING SYSTEM	1 EA	11,900	12/15	03/17

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 Tengan Petroleum Handling Facility is an Army owned, DLA operated receiving terminal in Tengan, Okinawa. The petroleum, oils, and lubricants (POL) receiving point receives DLA-owned fuel from fuel oil tankers in support of the peacetime mission and contingency requirements of all military services on Okinawa.

Deferred sustainment, restoration, and modernization for fuel facilities at this location is $8.6 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 2018 MILITARY CONSTRUCTION PROJECT DATA	2. Date
DEFENSE (DLA)		May 2017

3. Installation and Location	4. Project Title
DFSP OKINAWA, JAPAN	REPLACE MOORING SYSTEM

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
0702976S	16310	DESC1807	11,900

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
PRIMARY FACILITIES.....	-	-	-	10,638
SINGLE POINT MOORING SYSTEM (CC 16310).....	EA	1	10,637,000	(10,638)
SUPPORTING FACILITIES.....	-	-	-	-
SUBTOTAL.....	-	-	-	10,638
CONTINGENCY (5%).....	-	-	-	532
ESTIMATED CONTRACT COST.....	-	-	-	11,170
SUPERVISION, INSPECTION & OVERHEAD (SIOH) (6.5%)..				726
TOTAL	-	-	-	11,896
TOTAL (ROUNDED)				11,900
FROM OTHER APPROPRIATIONS (JFIP)				27,600

10. Description of Proposed Construction:
Replace existing, obsolete three-legged mooring system with a new Single Point Mooring (SPM) system to include a new SPM buoy, hawsers, hoses, chains, weights, anchors and all associated components. The new buoy will connect to an underwater pipeline and manifold being provided under a companion Japanese Facility Improvement Project, (JFIP) AR-112.

11. REQUIREMENT: 1 EACH (EA) **ADEQUATE:** 0 EA **SUBSTANDARD:** 1 EA

PROJECT: Acquire a single point mooring (SPM) in support of the Japanese Facility Improvement Project (JFIP) to provide bulk fuel receipt. (C)

REQUIREMENT: Provide bulk fuel receipt capability at Defense Fuel Supply Point Okinawa to meet the fuel resupply requirements to sustain the warfighter. The system is used to moor and receive fule from offshore fuel tanker ships. A joint agreement between the U.S. Government and the Government of Japan requires the U.S. Government to resource the SPM.

CURRENT SITUATION: The Government of Japan has determined an obsolete shallow water mooring system in support of fuel delivery will be decommissioned to open up fishing waters. The JFIP project, AR-112, Oil Pipeline (Underwater), is in construction to provide a new pipeline and requires replacement of the U.S. Government’s three legged mooring system. The new pipeline will terminate in a different location and at a greater depth to support deeper drafts of current resupply vessels. The new pipeline project is scheduled to be completed in FY 2019. This project will allow the U.S. Government to maintain its current mission capabilities.

IMPACT IF NOT PROVIDED: Without the U.S. portion of this project, the new fueling system cannot be completed and the bulk fuel receipt capability of DFSP Okinawa will be significantly degraded. The DFSP will also lack the necessary fuel resupply requirement to sustain the warfighter if the primary mooring location is down for maintenance or other repair operations.

1. Component	FY 2018 MILITARY CONSTRUCTION PROJECT DATA	2. Date
DEFENSE (DLA)		May 2017

3. Installation and Location	4. Project Title
DFSP OKINAWA, JAPAN	REPLACE MOORING SYSTEM

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
0702976S	16310	DESC1807	11,900

12. Supplemental Data:	
A. Estimated Design Data:	
1. Status	
(a) Date Design Started:	12/15
(b) Parametric Cost Estimate Used to Develop Costs (Yes/No):	Yes
(c) Percent Complete as of January 2017:	50%
(d) Date 35 Percent Complete:	07/16
(e) Date Design Complete:	03/17
(f) Type of Design Contract	D/B/B
2. Basis	
(a) Standard or Definitive Design:	No
(b) Date Design was Most Recently Used:	N/A
3. Total Cost (c) = (a)+(b) or (d)+(e) ($000)	
(a) Production of Plans and Specifications	1,000
(b) All Other Design Costs	200
(c) Total	1,200
(d) Contract	388
(e) In-House	60
4. Contract Award	02/18
5. Construction Start	03/18
6. Construction Complete	06/19

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

PURPOSE	APPROPRIATION	FISCAL YEAR REQUIRED	AMOUNT ($000)
Oil Pipeline (Underwater)	JFIP	JFY16-JFY17	$27,600

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

1. Component	FY 2018 MILITARY CONSTRUCTION PROGRAM	2. Date
DEFENSE (DLA)		May 2017

3. Installation And Location	4. Command	5. Area Construction Cost Index
COMFLEACT SASEBO, JAPAN	DEFENSE LOGISTICS AGENCY	1.85

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	45,600
E. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM	
F. PLANNED IN NEXT THREE PROGRAM YEARS	4,716
G. REMAINING DEFICIENCY	
H. GRAND TOTAL	50,316

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
152	UPGRADE FUEL WHARF	1,145 SY	45,600	05/16	05/18

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	DESC1920	REPLACE GV FUELING FACILITY	4,716

10. MISSION OR MAJOR FUNCTION

Yokose Fueling Wharf (Facility No. M-802) is the sole fuel transfer point for Yokose Petroleum, Oils, and Lubricants (POL) Terminal, which is a strategic fuel support facility located at Commander Fleet Activities Sasebo in Nagasaki, Japan. The current user of Yokose Fueling Wharf is Naval Supply Systems Command (NAVSUP) Fleet Logistics Center Yokosuka (FLCY), Fuel Department Detachment Sasebo. NAVSUP FLCY, provides logistics support to the Navy, Marine Corps, and other federal activities within the Seventh Fleet Area of Responsibility (AOR).

Deferred sustainment, restoration, and modernization for fuel facilities at this location is $8.2 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 2018 MILITARY CONSTRUCTION PROJECT DATA	2. Date
DEFENSE (DLA)		May 2017

3. Installation and Location	4. Project Title
COMFLEACT SASEBO, JAPAN	UPGRADE FUEL WHARF

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
0702976S	15240	DESC1805	45,600

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
PRIMARY FACILITIES	-	-	-	30,916
FUEL WHARF (CC 15240)	SY	1,145	14,575	(16,688)
MOORING DOLPHINS (CC 16310)	EA	2	5,034,165	(10,068)
SMALL BOAT DOCK (CC 15520)	FB	80	51,107	(4,089)
DOCK SHED (CC 89009)	SF	65	1,090	(71)
SUPPORTING FACILITIES	-	-	-	9,794
MECHANICAL PIPING & UTILITIES	LS	-	-	(8,201)
ELECTRICAL UTILITIES	LS	-	-	(922)
DEMOLITION	LS	-	-	(377)
FISHERIES UNION OVERSIGHT	LS	-	-	(294)
SUBTOTAL	-	-	-	40,710
CONTINGENCY (5%)	-	-	-	2,035
ESTIMATED CONTRACT COST	-	-	-	42,745
SUPERVISION, INSPECTION & OVERHEAD (SIOH) (6.5%)	-	-	-	2,778
TOTAL	-	-	-	45,524
TOTAL (ROUNDED)	-	-	-	45,600
EQUIPMENT FROM OTHER APPROPRIATIONS				(300)

10. Description of Proposed Construction:

Extend the existing wharf into deeper waters to adequately accommodate deep draft vessels. The new wharf extension will be pile supported with new mooring dolphins on both ends of the wharf extension. New catwalks will connect the new wharf extension to the new mooring dolphins. Provide fender system, mooring bollards and a dock shed for fuel personnel to monitor fueling operations. Replace existing marine loading arms (MLA), fuel pipe manifold and fuel stripping pump system. Extend the existing fuel lines from the existing wharf to the new MLAs on the wharf extension. Provide a new fuel spill containment system with sump pumps to drain the wharf containment. Install a wharf fascia and a permanent oil boom system to prevent fuel spills from spreading under and around the wharf and mooring dolphins. Construct a new small boat dock for permanent berthing of emergency spill response vessels and other small boats. The small boat dock will include a breakwater structure that protects the dock from rough conditions resulting from tides, waves, storm surges, etc. Provide all necessary supporting utilities including but not limited to, potable water, fire protection, electrical, communications, lighting, cathodic protection, access roads, sidewalks, fencing, gates and demolition of miscellaneous structures.

11. REQUIREMENT: 2447 Square Yard (SY) **ADEQUATE:** 1301 SY **SUBSTANDARD:** 0 SY

PROJECT: Upgrade fuel wharf. (C)

1. Component	FY 2018 MILITARY CONSTRUCTION PROJECT DATA	2. Date
DEFENSE (DLA)		May 2017

3. Installation and Location	4. Project Title
COMFLEACT SASEBO, JAPAN	UPGRADE FUEL WHARF

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
0702976S	15240	DESC1805	45,600

REQUIREMENT: This wharf upgrade will extend the existing wharf into deeper waters to provide adequate depth and mooring capabilities required to provide reliable, safe and efficient fueling operations at all times including at low tide.

CURRENT SITUATION: Yokose fueling wharf is the only fuel transfer point for Yokose POL Terminal. Based on its storage capacity, the terminal is one of Fleet Logistics Center Yokosuka's (FLCY) largest bulk fuel storage assets in the western pacific. Yokose Fueling Wharf was originally constructed in 1939. The wharf includes three freestanding caisson structures built on a rock ledge located at a depth of about 33 feet (10 m) below lowest water level at the seaward face of the wharf. Even at high tide, the water depth is not sufficient to accommodate deep-draft vessels that must utilize the wharf.

Due to the limited depth of Yokose Fueling Wharf, a variety of measures are utilized to allow larger vessels to dock at this facility without grounding. These measures include waiting for high tide and utilizing a breasting barge to keep the vessel further off the face of the existing wharf and into deeper waters. Depending on the quantity of fuel that needs to be transferred, the vessel may need to leave the wharf during low tide and wait for the tide to rise before re-docking and recommencing fueling operations. Fueling consequently may take several days to complete, which is inefficient and unacceptable during emergencies.

IMPACT IF NOT PROVIDED: The inability to efficiently and reliably transfer fuel during emergencies will prevent FLCY from fulfilling their mission of supporting the Seventh Fleet.

ADDITIONAL: Host Nation funding was sought for this project but denied.

12. Supplemental Data:	
A. Estimated Design Data:	
1. Status	
(a) Date Design Started:	05/16
(b) Parametric Cost Estimate Used to Develop Costs (Yes/No):	Yes
(c) Percent Complete as of January 2017:	35%
(d) Date 35 Percent Complete:	01/17
(e) Date Design Complete:	05/18
(f) Type of Design Contract	D/B/B
2. Basis	
(a) Standard or Definitive Design:	No
(b) Date Design was Most Recently Used:	N/A
3. Total Cost (c) = (a)+(b) or (d)+(e) ($000)	
(a) Production of Plans and Specifications	1,082
(b) All Other Design Costs	2,463
(c) Total	3,545
(d) Contract	2,463
(e) In-House	1,082
4. Contract Award	09/18
5. Construction Start	12/18

1. Component	FY 2018 MILITARY CONSTRUCTION PROJECT DATA		2. Date
DEFENSE (DLA)			May 2017

3. Installation and Location	4. Project Title		
COMFLEACT SASEBO, JAPAN	UPGRADE FUEL WHARF		
5. Program Element	**6. Category Code**	**7. Project Number**	**8. Project Cost ($000)**
0702976S	15240	DESC1805	45,600

6. Construction Complete	12/20

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	2017	250
Spill Response Equipment	DWCF	2017	50

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

DOD Education Activity
FY 2018 Military Construction, Defense-Wide
($ in Thousands)

State/Installation/Project	Authorization Request	Approp. Request	New/ Current Mission	Page No.
Puerto Rico				
Punta Borinquen				
Ramey Unit School Replacement	61,071	61,071	C	100
Germany				
U.S. Army Garrison Stuttgart				
Robinson Barracks Elementary School Replacement	46,609	46,609	C	105
Germany				
Spangdahlem Air Base				
Spangdahlem Elementary School Replacement	79,141	79,141	C	109
Italy				
U.S. Army Garrison Vicenza	62,406	62,406	C	113
Vicenza High School Replacement				
Total	**249,227**	**249,227**		

1. COMPONENT	FY 2018 MILITARY CONSTRUCTION PROGRAM	2. Date
DoDEA		MAY 2017

3. Installation and Location	4. COMMAND	5. AREA CONSTRUC-TION COST INDEX
USCG STATION; PUNTA BORINQUEN, PUERTO RICO	DoDEA	1.08

6. PERSONNEL STRENGTH	PERMANENT			STUDENTS			SUPPORTED			TOTAL
	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	
a. AS OF 30 SEP 2016						448				448
b. END FY 2021						448				448

7. INVENTORY DATA ($000)

TOTAL ACREAGE	0
INVENTORY TOTAL AS OF	0
AUTHORIZATION NOT YET IN INVENTORY	0
AUTHORIZATION REQUESTED IN THIS PROGRAM	61,071
AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM	0
PLANNED IN NEXT THREE PROGRAM YEARS	0
REMAINING DEFICIENCY	0
GRAND TOTAL	61,071

8. PROJECTS REQUESTED IN THIS PROGRAM

CATEGORY CODE	PROJECT TITLE	SCOPE	COST ($000)	DESIGN START	STATUS COMPLETE
73046	RAMEY UNIT SCHOOL REPLACEMENT	126,706 SF	61,071	FEB 2016	JUL 2021

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 2018 MILITARY CONSTRUCTION PROJECT DATA**	2. Date MAY 2017

3. INSTALLATION AND LOCATION	4. PROJECT TITLE:
USCG STATION; PUNTA BORINQUEN, PUERTO RICO	RAMEY UNIT SCHOOL REPLACEMENT

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
	73046	AM00049	61,071

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
PRIMARY FACILITIES				**41,278**
RAMEY UNIT SCHOOL (73046)	SF	124,730	315.02	39,292
FIELD HOUSE (44220)	SF	1,976	235.00	464
SDD AND FEDERAL ENERGY ACTS COMPLIANCE	LS			772
CYBERSECURITY MEASURES	LS			750
SUPPORTING FACILITIES				**12,827**
TEMPORARY FACILITIES	LS			303
SPECIAL CONSTRUCTION FEATURES (SEISMIC)	SF	124,730	3.41	425
CANOPIES	LS			289
ELECTRICAL/GAS UTILITIES	LS			631
COMMUNICATION UTILITIES	LS			542
WATER/SEWER UTILITIES	LS			2,117
SITE PREPERATION	LS			888
ROADS, SIDEWALKS AND PARKING	LS			970
SITE IMPROVEMENTS	LS			1,898
AT/FP	LS			263
DEMOLITION	LS			3,484
LOW IMPACT DEVELOPMENT (LID)	LS			255
ENVIRONMENTAL MITIGATION (ACM/LEAD)	LS			152
SPECIAL COSTS (EMERGENCY GENERATOR)	LS			234
SPECIAL COSTS (ACCESS CONTROL POINT)	EA	2	188,000.00	376
ESTIMATED CONTRACT COST				**54,105**
CONTINGENCY PERCENT (5%)				2,705
SUBTOTAL				**56,810**
SUPERVISION, INSPECTION & OVERHEAD (6.5%)				3,693
ENGINEERING DURING CONSTRUCTION				568
TOTAL REQUEST				**61,071**
EQUIPMENT FROM OTHER APPROPRIATIONS (NON ADD)				**3,313**

10. DESCRIPTION OF PROPOSED CONSTRUCTION:

Construct a new multi-story unit school with functional areas containing general learning neighborhoods, staff collaboration areas, career technical education spaces, computing center, science labs, art room, music suite, occupational/physical therapy rooms, shared commons, performance space, information center, physical education spaces, food service areas, administration, miscellaneous offices, guidance counseling center, special education office, health services, janitorial administration, maintenance support, school supply/storage area, technology service center, and other required areas for a fully functioning unit school. Typical construction is anticipated to consist of shallow foundations with cast in place concrete wall and floor construction, cast in place concrete and metal deck roofing, reinforced concrete and metal stud/ drywall partitions, operable partitions and storefront glazing systems.

Construct a single story field house with functional areas containing concession, concession storage, restrooms, team equipment storage, and a covered gathering area. Typical construction is anticipated to consist of concrete beam and pile foundation, concrete and structural steel frame, concrete exterior walls, gypsum wallboard partitions, and

1. COMPONENT DODEA	**FY 2018 MILITARY CONSTRUCTION PROJECT DATA**	2. Date MAY 2017
3. INSTALLATION AND LOCATION USCG STATION; PUNTA BORINQUEN, PUERTO RICO	4. PROJECT TITLE: RAMEY UNIT SCHOOL REPLACEMENT	

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
	73046	AM00049	61,071

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.

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

The building will require special construction to meet the seismic design requirements for the school's location.

The project includes site work such as signage, fencing, paving, landscaping, canopies, exterior lighting, utilities, athletic fields, water storage, and playgrounds.

The project includes related infrastructure such as water, sewer, electrical, staff, student, bus and visitor parking areas, parent drop off lane, mechanical rooms, emergency access lanes, bus loading/unloading areas, lightning protection, chiller yard and delivery areas.

The project will require demolition of 24 buildings for approximately 123,000 SF. Hazardous materials abatement will be required for asbestos containing materials and lead in the buildings to be demolished.

This project will require the addition of an emergency power generator in order to provide a back-up power source to information technology and other critical infrastructure during power outages.

The project will require the construction of two access control points which will include a guard house, canopy, automated drop arm and automated entry gate.

Facilities will be designed in accordance with DoDEA Education Facilities Specifications.

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. REQUIREMENT: 126,706 SF ADQT: 00,000 SF SUBSTD: 122,792 SF

PROJECT:

This project replaces the existing unit school by constructing a new unit school.

REQUIREMENT:

The new school is required to provide adequate academic facilities for 448 students in grades PK – 12.

CURRENT SITUATION:

The current Ramey School is a facility that was constructed in 1969. Minor additions include a new guard house which was constructed in 2001 and a cart storage building completed in 2009. The facility is failing. The following systems are expired or are failing; branch circuits, electrical service distribution, exterior doors, exterior windows, fire alarm system, air conditioning equipment, distribution, hydronic system, intercom system, PA system, LAN, lighting, roof

1. COMPONENT DODEA	**FY 2018 MILITARY CONSTRUCTION PROJECT DATA**	2. Date MAY 2017
3. INSTALLATION AND LOCATION USCG STATION; PUNTA BORINQUEN, PUERTO RICO	4. PROJECT TITLE: RAMEY UNIT SCHOOL REPLACEMENT	

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
	73046	AM00049	61,071

coverings, wall finishes, casework, ceiling finishes, exit lights, exterior finishes, floor finishes, plumbing fixtures & piping, security system, elevator and toilet partitions. The current Ramey School and the proposed site for the new school are located on Department of Homeland Security land that is leased to the Department of the Army; DoDEA has a land use agreement with the Department of the Army to operate the school on this location. The school supports a student population mixture from the Department of Defense, the Department of Homeland Security and other federal agencies.

IMPACT IF NOT PROVIDED:

If a new facility is not provided, the substandard environment will continue to hamper the educational process and the school will not be able to support the 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 if the facility is the not replaced.

12. Supplemental Data:

A. Design Data (Estimated):

(1) Status:	
(a) Design Start Date	FEB 2016
(b) Parametric Cost Estimate Used to Develop Costs	YES
(c) Percent of Design Completed as of 1 JAN 2017	15%
(d) Expected 35% Design Date	AUG 2017
(e) 100% Design Completion Date	MAR 2018
(f) Type of Design Contract:	Design/Bid/Build
(2) Basis:	
(a) Standard or Definitive Design - (YES/NO)	NO
(b) Date Design was Most Recently Used	N/A
(3) Total Design Cost (c)=(a)+(b) OR (d)+(e):	
(a) Production of Plans and Specifications	
(b) All Other Design Costs	
(c) Total Design Cost	6,107
(d) Contract	3,664
(e) In-house	2,442
(4) Construction Contract Award Date	JUL 2018
(5) Construction Start Date	AUG 2018
(6) Construction Completion Date	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)
Furnishings	O&M	2020	515
Kitchen	O&M	2020	336
IT	O&M	2020	1,180
Education Supplies	O&M	2020	1,226
Safety & Security Equipment	O&M	2020	56

1. COMPONENT DODEA	**FY 2018 MILITARY CONSTRUCTION PROJECT DATA**	2. Date MAY 2017

3. INSTALLATION AND LOCATION	4. PROJECT TITLE:
USCG STATION; PUNTA BORINQUEN, PUERTO RICO	RAMEY UNIT SCHOOL REPLACEMENT

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
	73046	AM00049	61,071

JOINT USE CERTIFICATION:

This facility will be used by Department of Defense and Department of Homeland Security, and other components on an “as available” basis. The scope of the project is based on DoDEA and Department of Homeland Security requirements.

DoDEA POC (571) 372-1405

1. COMPONENT	FY 2018 MILITARY CONSTRUCTION PROGRAM	2. Date
DoDEA		MAY 2017

3. Installation and Location	4. COMMAND	5. AREA CONSTRUCTION COST INDEX
US ARMY GARRISON STUTTGART, GERMANY	DoDEA	1.05

6. PERSONNEL STRENGTH	PERMANENT			STUDENTS			SUPPORTED			TOTAL
	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	
a. AS OF 30 SEP 2016						315			7	322
b. END FY 2024						315			7	322

7. INVENTORY DATA ($000)

TOTAL ACREAGE	0
INVENTORY TOTAL AS OF	0
AUTHORIZATION NOT YET IN INVENTORY	0
AUTHORIZATION REQUESTED IN THIS PROGRAM	46,609
AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM	0
PLANNED IN NEXT THREE PROGRAM YEARS	0
REMAINING DEFICIENCY	0
GRAND TOTAL	46,609

8. PROJECTS REQUESTED IN THIS PROGRAM

CATEGORY CODE	PROJECT TITLE	SCOPE	COST ($000)	DESIGN START	STATUS COMPLETE
73046	ROBINSON BARRACKS ELEMENTARY SCHOOL REPLACEMENT	80,906 SF	46,609	MAR 2016	APR 2023

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 2018 MILITARY CONSTRUCTION PROJECT DATA**	2. Date MAY 2017

3. INSTALLATION AND LOCATION	4. PROJECT TITLE:
US ARMY GARRISON STUTTGART, GERMANY	ROBINSON BARRACKS ELEMENTARY SCHOOL REPLACEMENT

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
	73046	EU00070	46,609

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
PRIMARY FACILITIES				**26,906**
ROBINSON BARRACKS ELEMENTARY SCHOOL (73046)	SF	80,906	314.59	25,452
SDD AND FEDERAL ENERGY ACTS COMPLIANCE	LS			475
CYBERSECURITY MEASURES	LS			741
SPECIAL COSTS (TEMP FACILITIES)	LS			238
SUPPORTING FACILITIES				**14,386**
CANOPIES	LS			279
ELECTRICAL/GAS UTILITIES	LS			559
COMMUNICATION UTILITIES	LS			353
WATER/SEWER UTILITIES	LS			666
MECHANICAL UTILITIES	LS			82
SITE PREPARATION	LS			2,380
ROADS, SIDEWALKS AND PARKING	LS			2,086
SITE IMPROVEMENTS	LS			3,672
AT/FP	LS			531
DEMOLITION	LS			3,155
LOW IMPACT DEVELOPMENT	LS			74
ENVIRONMENTAL MITIGATION	LS			549
ESTIMATED CONTRACT COST (sum of primary and supporting)				**41,292**
CONTINGENCY PERCENT (5%)				2,065
SUBTOTAL				**43,357**
SUPERVISION, INSPECTION & OVERHEAD (6.5%)				2,818
ENGINEERING DURING CONSTRUCTION				434
TOTAL REQUEST				**46,609**
EQUIPMENT FROM OTHER APPROPRIATIONS (NON ADD)				**2,316**

10. DESCRIPTION OF PROPOSED CONSTRUCTION:

Construct a multi-story elementary school with functional areas containing neighborhoods, learning studios, learning hubs, staff collaboration areas, computing center, art room, music room, learning impaired mild moderate, a commons area, multi-purpose room, information center, a physical education area with gymnasium, food service, administrative offices, guidance counseling center, a special education office, parents' center, health services area, maintenance support, central storage area, technology service center, and other required areas for a fully functioning elementary school. A district superintendent's office will be included within the school building. Typical construction is anticipated to consist of concrete beam and pile foundation, concrete and structural steel frame, concrete exterior walls, 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.

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

1. COMPONENT DODEA	**FY 2018 MILITARY CONSTRUCTION PROJECT DATA**	2. Date MAY 2017

3. INSTALLATION AND LOCATION	4. PROJECT TITLE:
US ARMY GARRISON STUTTGART, GERMANY	ROBINSON BARRACKS ELEMENTARY SCHOOL REPLACEMENT

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
	73046	EU00070	46,609

The project will require the construction of temporary classroom facilities to operate the elementary school functions while the new school is under construction.

The project includes related infrastructure such as water, sewer, electrical, communication lines, staff and visitor parking areas, parent drop off lane, mechanical rooms, emergency access lanes, bus loading/unloading areas, and delivery areas.

The project includes site improvements such as signage, fencing, paving, landscaping, covered walkways, exterior lighting, utilities, and playground area.

The project will require demolition of four buildings for approximately 139,000 SF.

Facilities will be designed in accordance with DoDEA Education Facilities Specifications and German standards and codes.

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. REQUIREMENT: 80,906 SF ADQT: 0 SF SUBSTD: 138,267 SF

PROJECT:

This project replaces an existing elementary-middle school by constructing a new elementary school and district superintendent's office.

REQUIREMENT:

The new school is required to provide adequate academic facilities for 315 students in grades Pre-Kindergarten through Fifth grade. The district superintendent area office has seven staff.

CURRENT SITUATION:

The current main building for Robinson Barracks Elementary School was constructed in 1944. Additional classroom space, a cafeteria and the gymnasium were constructed from 1952 to 1953. The facility was operated as a combined elementary-middle school facility until 2015. The capacity of the current facility is 750 students and is oversized for the current elementary school requirement. The facility is failing. The following systems are expired or are failing; electrical service distribution, exterior doors, exterior windows, fire alarm system, hydronic system, lighting, casework, ceiling finishes, exterior finishes, floor finishes, plumbing fixtures, and piping. The following life safety violations include: missing exit lighting, aging fire alarm systems, doors without closers leading to corridors, and missing visual alarms.

IMPACT IF NOT PROVIDED:

If a new facility is not provided, the substandard environment will continue to hamper the educational process and the school will not be able to support the 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 if the facility is the not replaced.

1. COMPONENT DODEA	**FY 2018 MILITARY CONSTRUCTION PROJECT DATA**	2. Date MAY 2017

3. INSTALLATION AND LOCATION	4. PROJECT TITLE:
US ARMY GARRISON STUTTGART, GERMANY	ROBINSON BARRACKS ELEMENTARY SCHOOL REPLACEMENT

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
	73046	EU00070	46,609

12. Supplemental Data:

A. Design Data (Estimated):

(1) Status:

(a) Design Start Date	Mar 2016
(b) Parametric Cost Estimate Used to Develop Costs	YES
(c) Percent of Design Completed as of 1 JAN 2017	15%
(d) Expected 35% Design Date	Dec 2017
(e) 100% Design Completion Date	Aug 2018
(f) Type of Design Contract:	Design/Bid/Build

(2) Basis:

(a) Standard or Definitive Design - (YES/NO)	NO
(b) Date Design was Most Recently Used	N/A

(3) Total Design Cost (c)=(a)+(b) OR (d)+(e):

(a) Production of Plans and Specifications	
(b) All Other Design Costs	
(c) Total Design Cost	4,661
(d) Contract	2,797
(e) In-house	1,864
(4) Tree Cutting and Utilities Contract Award Date	Jan 2018
(5) Construction Contract Award Date	Sep 2018
(6) Construction Start Date	Dec 2018
(7) Construction Completion Date	Apr 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)
Furnishings	O&M	2020	362
Kitchen	O&M	2020	237
IT	O&M	2020	949
Education Supplies	O&M	2020	602
Safety Equipment	O&M	2020	5
Security Equipment	O&M	2020	36
Uninterruptible Power Supply	O&M	2020	125

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 2018 MILITARY CONSTRUCTION PROGRAM	2. Date
DoDEA		MAY 2017

3. Installation and Location	4. COMMAND	5. AREA CONSTRUC-TION COST INDEX
SPANGDAHLEM AIR BASE, GERMANY	DoDEA	1.05

6. PERSONNEL STRENGTH	PERMANENT			STUDENTS			SUPPORTED			TOTAL
	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	
a. AS OF 30 SEP 2016						674				674
b. END FY 2024						880				880

7. INVENTORY DATA ($000)

TOTAL ACREAGE	0
INVENTORY TOTAL AS OF	0
AUTHORIZATION NOT YET IN INVENTORY	0
AUTHORIZATION REQUESTED IN THIS PROGRAM	79,141
AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM	0
PLANNED IN NEXT THREE PROGRAM YEARS	0
REMAINING DEFICIENCY	0
GRAND TOTAL	79,141

8. PROJECTS REQUESTED IN THIS PROGRAM

CATEGORY CODE	PROJECT TITLE	SCOPE	COST ($000)	DESIGN START	STATUS COMPLETE
730787	SPANGDAHLEM ELEMENTARY SCHOOL REPLACEMENT	159,947 SF	79,141	MAR 2016	JUN 2023

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 2018 MILITARY CONSTRUCTION PROJECT DATA**	2. Date MAY 2017

3. INSTALLATION AND LOCATION	4. PROJECT TITLE:
SPANGDAHLEM AIR BASE, GERMANY	SPANGDAHLEM ELEMENTARY SCHOOL REPLACEMENT

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
	730787	EU00116	79,141

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
PRIMARY FACILITIES				**56,025**
SPANGDAHLEM ELEMENTARY SCHOOL (730787)	SF	159,947	341.18	54,571
SDD AND FEDERAL ENERGY ACTS COMPLIANCE	LS			538
CYBERSECURITY MEASURES	LS			741
SPECIAL COST – TEMP BUS PARKING	LS			175
SUPPORTING FACILITIES				**14,088**
SPECIAL CONSTRUCTION (Foundation and Seismic)	LS			1,131
CANOPIES	LS			367
ELECTRICAL/GAS UTILITIES	LS			442
COMMUNICATION UTILITIES	LS			560
WATER/SEWER UTILITIES	LS			999
MECHANICAL UTILITIES	LS			149
SITE PREPARATION	LS			732
ROADS, SIDEWALKS AND PARKING	LS			1,796
SITE IMPROVEMENTS	LS			1,610
AT/FP	LS			2,598
DEMOLITION	LS			2,865
LOW IMPACT DEVELOPMENT(LID)	LS			350
ENVIRONMENTAL MITIGATION	LS			489
ESTIMATED CONTRACT COST (sum of primary and supporting)				**70,113**
CONTINGENCY PERCENT (5%)				3,507
SUBTOTAL				**73,620**
SUPERVISION, INSPECTION & OVERHEAD (6.5%)				4,785
ENGINEERING DURING CONSTRUCTION				736
TOTAL REQUEST				**79,141**
EQUIPMENT FROM OTHER APPROPRIATIONS (NON ADD)				**5,187**

10. DESCRIPTION OF PROPOSED CONSTRUCTION:

Construct a multi-story elementary school with functional areas containing general learning neighborhoods, learning studios, learning hubs, staff collaboration areas, art room, music suite, occupational therapy/physical therapy, a commons area, a multipurpose space, information center, computing center, a physical education area with gymnasium, food service, administrative offices, guidance counseling center, a special education office, health services area, maintenance support, transportation support office, central storage area, and a technology service center, and other required areas for a fully functioning elementary school. Typical construction is anticipated to consist of concrete beam and pile foundation, concrete and structural steel frame, concrete exterior walls, 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.

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

1. COMPONENT DoDEA	**FY 2018 MILITARY CONSTRUCTION PROJECT DATA**	2. Date MAY 2017

3. INSTALLATION AND LOCATION	4. PROJECT TITLE:
SPANGDAHLEM AIR BASE, GERMANY	SPANGDAHLEM ELEMENTARY SCHOOL REPLACEMENT

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
	730787	EU00116	79,141

The project will require the construction of temporary bus parking facilities to operate the bus parking functions while the new school is under construction.

The project includes related infrastructure such as water, sewer, electrical, communications, staff and visitor parking areas, parent drop off lane, mechanical rooms, emergency access lanes, bus and van loading/unloading and parking areas, and delivery areas.

The project includes site improvements such as signage, fencing, paving, landscaping, covered walkways, exterior lighting, utilities, and playground areas.

The project will require demolition of 10 buildings for approximately 95,000 SF.

The project will require mitigation and removal of an existing forested area on the site as well as mitigation of endangered species within the forested area.

Facilities will be designed in accordance with DoDEA Education Facilities Specifications and German standards and 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: 159,947 SF ADQT: 0 SF SUBSTD: 94,552 SF

PROJECT:

This project replaces the existing elementary school by constructing a new elementary school.

REQUIREMENT:

The new school is required to provide adequate academic facilities for 880 students in grades Pre-k through 5th grade.

The current student population is 632 students. A net increase of approximately 1,000 service personnel is expected on Spangdahlem Air Base by 2024. The projected student population of 880 students accounts for the expected personnel increase.

CURRENT SITUATION:

The current Spangdahlem Elementary School was constructed in 1954. A minor addition was constructed on the campus in 1987. The facility is in poor condition. The following systems are expired or are failing; branch circuits, electrical service distribution, exterior doors, exterior windows, fire alarm system, air conditioning equipment, hydronic system, intercom system, public announcement system, local area network, lighting, roof coverings, wall finishes, casework, ceiling finishes, exit lights, exterior finishes, floor finishes, plumbing fixtures & piping, security system, and toilet partitions.

IMPACT IF NOT PROVIDED:

If a new facility is not provided, the substandard environment will continue to hamper the educational process and the school will not be able to support the curriculum and provide for a safe facility. The required maintenance and repair of

1. COMPONENT DoDEA	**FY 2018 MILITARY CONSTRUCTION PROJECT DATA**	2. Date MAY 2017

3. INSTALLATION AND LOCATION	4. PROJECT TITLE:
SPANGDAHLEM AIR BASE, GERMANY	SPANGDAHLEM ELEMENTARY SCHOOL REPLACEMENT

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
	730787	EU00116	79,141

expired and failing systems will continue to strain maintenance capabilities and budgets if the facility is the not replaced.

12. Supplemental Data:

A. Design Data (Estimated):

(1) Status:	
(a) Design Start Date	Mar 2016
(b) Parametric Cost Estimate Used to Develop Costs	YES
(c) Percent of Design Completed as of 1 JAN 2017	15%
(d) Expected 35% Design Date	Dec 2017
(e) 100% Design Completion Date	Aug 2018
(f) Type of Design Contract:	Design/Bid/Build
(2) Basis:	
(a) Standard or Definitive Design - (YES/NO)	NO
(b) Date Design was Most Recently Used	N/A
(3) Total Design Cost (c)=(a)+(b) OR (d)+(e):	
(a) Production of Plans and Specifications	
(b) All Other Design Costs	
(c) Total Design Cost	7,914
(d) Contract	4,748
(e) In-house	3,166
(4) Tree Cutting and Utilities Contract Award Date	Jan 2018
(5) Construction Contract Award Date	Sep 2018
(6) Construction Start Date	Dec 2018
(7) Construction Completion Date	Jun 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)
Furnishings	O&M	2020	1,050
Kitchen	O&M	2020	686
IT	O&M	2020	1,597
Education Supplies	O&M	2020	1,745
Safety Equipment	O&M	2020	5
Security Equipment	O&M	2020	104

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 2018 MILITARY CONSTRUCTION PROGRAM	2. Date
DoDEA		MAY 2017

3. Installation and Location	4. COMMAND	5. AREA CONSTRUC-TION COST INDEX
US ARMY GARRISON VICENZA, ITALY	DoDEA	1.28

6. PERSONNEL STRENGTH	PERMANENT			STUDENTS			SUPPORTED			TOTAL
	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	
a. AS OF 30 SEP 2016						1426				1426
b. END FY 2020						1460				1460

7. INVENTORY DATA ($000)

TOTAL ACREAGE	0
INVENTORY TOTAL AS OF	0
AUTHORIZATION NOT YET IN INVENTORY	0
AUTHORIZATION REQUESTED IN THIS PROGRAM	62,406
AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM	0
PLANNED IN NEXT THREE PROGRAM YEARS	0
REMAINING DEFICIENCY	0
GRAND TOTAL	62,406

8. PROJECTS REQUESTED IN THIS PROGRAM

CATEGORY CODE	PROJECT TITLE	SCOPE	COST ($000)	DESIGN START	STATUS COMPLETE
73046	VICENZA HIGH SCHOOL REPLACEMENT	116,870 SF	62,406	MAR 2016	SEP 2020

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 2018 MILITARY CONSTRUCTION PROJECT DATA**	2. Date MAY 2017

3. INSTALLATION AND LOCATION	4. PROJECT TITLE:
US ARMY GARRISON VICENZA, ITALY	VICENZA HIGH SCHOOL REPLACEMENT

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
	73046	EU00117	62,406

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
PRIMARY FACILITIES				**43,687**
VICENZA HIGH SCHOOL (73046)	SF	114,114	358.27	40,884
FIELD HOUSE (44220)	SF	2,756	305.52	842
SDD AND FEDERAL ENERGY ACTS COMPLIANCE	LS			1,220
CYBERSECURITY MEASURES	LS			741
SUPPORTING FACILITIES				**10,591**
CANOPIES	LS			147
ELECTRICAL/GAS UTILITIES	LS			1,086
COMMUNICATION UTILITIES	LS			272
WATER/SEWER UTILITIES	LS			873
MECHANICAL UTILITIES	LS			1,338
SITE PREPARATION	LS			604
ROADS, SIDEWALKS AND PARKING	LS			429
SITE IMPROVEMENTS	LS			3,242
AT/FP	LS			317
DEMOLITION	LS			2,268
LOW IMPACT DEVELOPMENT	LS			15
ESTIMATED CONTRACT COST (sum of primary and supporting)				**54,278**
CONTINGENCY PERCENT (5%)				2,714
SUBTOTAL				**56,992**
SUPERVISION, INSPECTION & OVERHEAD (6.5%)				3,704
ENGINEERING DURING CONSTRUCTION				570
POST CONSTRUCTION AWARD SERVICES				1,140
TOTAL REQUEST				**62,406**
EQUIPMENT FROM OTHER APPROPRIATIONS (NON ADD)				2,750

10. DESCRIPTION OF PROPOSED CONSTRUCTION:

Construct a multi-story high school with functional areas containing neighborhoods, learning studios, learning hubs, staff collaboration areas, career technical education areas, computing center, science labs, art room, music suites, junior reserve officer training corps firing range/classrooms, occupational therapy/physical therapy, learning impaired mild moderate severe, a commons area, performance space, information center, a physical education area with gymnasium, food service, administrative offices, guidance counseling center, a special education office, health services area, maintenance support, central storage area, technology service center, and other required areas for a fully functioning high school. Typical construction is anticipated to consist of shallow spread footings, reinforced concrete structural frame and plastered reinforced concrete exterior walls, interior concrete, masonry and drywall partitions, and operable/movable partition walls.

Construct a single story field house with functional areas containing concession, concession storage, restrooms, team equipment storage, and a covered gathering area. Typical construction is anticipated to consist of concrete beam and pile foundation, concrete and structural steel frame, concrete exterior walls, gypsum wallboard partitions, and reinforced concrete walls.

Department of Defense (DoD) and Department of Defense Education Activity (DoDEA) principles for high performance

1. COMPONENT DoDEA	**FY 2018 MILITARY CONSTRUCTION PROJECT DATA**	2. Date MAY 2017

3. INSTALLATION AND LOCATION	4. PROJECT TITLE:
US ARMY GARRISON VICENZA, ITALY	VICENZA HIGH SCHOOL REPLACEMENT

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
	73046	EU00117	62,406

and sustainable building requirements will be included in the design and construction of this 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. The project will include host nation renewable energy requirements.

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

The project includes related infrastructure such as heating, ventilation and cooling central plant equipment expansion, water, sewer, electrical, gas, telecommunications and storm water utilities, reconfiguration of bus parking areas to increase available parking, mechanical rooms, emergency access lanes and delivery areas.

The project includes site improvements including athletic fields, athletic courts, service drive, signage, fencing, paving, landscaping, exterior lighting, utilities, and electrical equipment enclosure, as well as outdoor learning areas.

The project will require the demolition of eight buildings for approximately 114,000 SF.

Facilities will be designed in accordance with DoDEA Education Facilities Specifications and Italian standards and codes.

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. REQUIREMENT: 116,870 SF ADQT: 00,000 SF SUBSTD: 113,675 SF

PROJECT:

This project replaces the existing high school by constructing a new high school.

REQUIREMENT:

The new high school is required to provide adequate academic facilities for 354 students in grades 9 through 12.

The new high school will complete the master plan vision for the Villagio campus set forth in 2007 as a quality of life issue for the families. It will provide co-located PK-12 schools within the confines of a controlled perimeter and will allow collaborative education between the facilities.

CURRENT SITUATION:

The current Vicenza High School is a facility that was constructed in 1958. The information center, music room and junior reserve officer training corps annex was constructed in 1983. The facility is in poor condition. The following systems are expired or are failing; exterior doors, roofing, air conditioning system, fire alarm and fire protection systems, intercom and public address system, elevator, and the plumbing system.

1. COMPONENT DoDEA	**FY 2018 MILITARY CONSTRUCTION PROJECT DATA**	2. Date MAY 2017

3. INSTALLATION AND LOCATION	4. PROJECT TITLE:
US ARMY GARRISON VICENZA, ITALY	VICENZA HIGH SCHOOL REPLACEMENT

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
	73046	EU00117	62,406

IMPACT IF NOT PROVIDED:
If a new facility is not provided, the substandard environment will continue to hamper the educational process and the school will not be able to support the curriculum and provide a safe facility. The required maintenance and repair of expired and failing systems will continue to strain maintenance capabilities and budgets if the facility is not replaced.

12. Supplemental Data:

A. Design Data (Estimated):

(1) Status:	
(a) Design Start Date	MAR 2016
(b) Parametric Cost Estimate Used to Develop Costs	YES
(c) Percent of Design Completed as of 1 JAN 2017	15%
(d) Expected 35% Design Date	SEP 2017
(e) 100% Design Completion Date	APR 2018
(f) Type of Design Contract:	Design/Bid/Build
(2) Basis:	
(a) Standard or Definitive Design - (YES/NO)	NO
(b) Date Design was Most Recently Used	N/A
(3) Total Design Cost (c)=(a)+(b) OR (d)+(e):	
(a) Production of Plans and Specifications	
(b) All Other Design Costs	
(c) Total Design Cost	6,241
(d) Contract	3,745
(e) In-house	2,496
(4) Construction Contract Award Date	AUG 2018
(5) Construction Start Date	SEP 2018
(6) Construction Completion Date	SEP 2020

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	2020	407
Kitchen	O&M	2020	266
IT	O&M	2020	1,063
Education Supplies	O&M	2020	969
Safety Equipment	O&M	2020	5
Security Equipment	O&M	2020	40

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

National Geospatial-Intelligence Agency
FY 2018 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	381,000	381,000	C	117
Total	**381,000**	**381,000**		

1. COMPONENT	FY 2018 MILITARY CONSTRUCTION PROGRAM	2. DATE *(YYYYMMDD)*
DEF (NGA)		May 2017

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	0.00
b. INVENTORY TOTAL AS OF 2017	801.00
c. AUTHORIZATION NOT YET IN INVENTORY	0.00
d. AUTHORIZATION REQUESTED IN THIS PROGRAM	381,000.00
e. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM	439,100.00
f. PLANNED IN NEXT THREE PROGRAM YEARS	0.00
g. REMAINING DEFICIENCY	0.00
h. GRAND TOTAL	820,901.00

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	a. 286,300 SF Occupied Bldgs b. 496,125 SF Pkg Structure	381,000	Sep 2016	Mar 2019

9. FUTURE PROJECTS

141-456, Next NGA West (N2W) Complex, Ph 2 (FY19), a. 481,300 SF Occupied Bldgs, Cost ($000): 439,100
b. 496,125 SF Pkg Structure

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 2018 MILITARY CONSTRUCTION PROJECT DATA	2. Date
NGA		May 2017

3. Installation and Location	4. Project Title
Saint Louis, MO	Next NGA West (N2W) Complex, Ph 1

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
	141-456	NGA-016A	$381,000

9. Cost Estimates

Item	U/M	Quantity	Unit Cost	Cost ($000)
PRIMARY FACILITIES				**241,602**
Main Operations Building (141456)	SF	248,300	558.56	(138,689)
Central Utilities Plant (821114)	SF	38,000	1,182.09	(44,919)
Access Control Point (730837)	EA	2	977,727.00	(1,955)
Structured Parking (853101)	SF	496,125	60.54	(30,036)
Special Foundations	LS	1		(12,387)
Antiterrorism Measures	LS	1		(8,662)
Sustainability and Energy Features	LS	1		(2,095)
Building Commissioning	LS	1		(2,858)
SUPPORTING FACILITIES				**84,728**
Electric Service	LS	1		(45,127)
Water, Sewer, and Gas	LS	1		(6,132)
Steam and Chilled Water System	LS	1		(2,155)
Paving, Walks, Curbs and Gutters	LS	1		(6,261)
Storm Drainage	LS	1		(2,193)
Site Imp (18,917) Demo (0)	LS	1		(18,917)
Off-Site Improvements	LS	1		(650)
Information Systems	LS	1		(2,756)
Antiterrorism Measures	LS	1		(537)
ESTIMATED CONTRACT COST				**326,330**
Contingency (5.0%)				16,316
SUBTOTAL				**342,646**
SIOH (5.7%)				19,531
Design/Build – Design Cost (4.0%)				13,706
Engineering During Construction (EDC) (1.5%)				5,140
TOTAL REQUEST				**381,023**
TOTAL REQUEST (Rounded)				**381,000**
Equipment from other appropriations				212,761

DD FORM 1391 **1 DEC 76 PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED**

1. Component	FY 2018 MILITARY CONSTRUCTION PROJECT DATA		2. Date
NGA			May 2017
3. Installation and Location		**4. Project Title**	
Saint Louis, MO		Next NGA West (N2W) Complex, Ph 1	
5. Program Element	6. Category Code	7. Project Number	**8. Project Cost ($000)**
	141-456	NGA-016A	$381,000

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 overwatch 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 2018 MILITARY CONSTRUCTION PROJECT DATA	2. Date
NGA		May 2017

3. Installation and Location	4. Project Title
Saint Louis, MO	Next NGA West (N2W) Complex, Ph 1

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
	141-456	NGA-016A	$381,000

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.

1. Component	FY 2018 MILITARY CONSTRUCTION PROJECT DATA	2. Date
NGA		May 2017

3. Installation and Location		4. Project Title	
Saint Louis, MO		Next NGA West (N2W) Complex, Ph 1	
5. Program Element	6. Category Code	7. Project Number	**8. Project Cost ($000)**
	141-456	NGA-016A	$381,000

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 2018 MILITARY CONSTRUCTION PROJECT DATA	2. Date
NGA		May 2017

3. Installation and Location	4. Project Title
Saint Louis, MO	Next NGA West (N2W) Complex, Ph 1

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
	141-456	NGA-016A	$381,000

12. SUPPLEMENTAL DATA:

a. Estimated Design Data:

(1) Status:

(a) Design Start Date	SEP 2016
(b) Percent Complete as of 1 JAN 2017	10%
(c) Expected 35% Design Date	JUL 2018
(d) 100% Design Completion Date	MAR 2019
(e) Parametric Design (Yes or No)	Yes
(f) Type of Design Contract	Design/Build

(2) Basis:

(a) Standard or Definitive Design – (YES/NO)	No
(b) Where Design Was Most Recently Used:	N/A

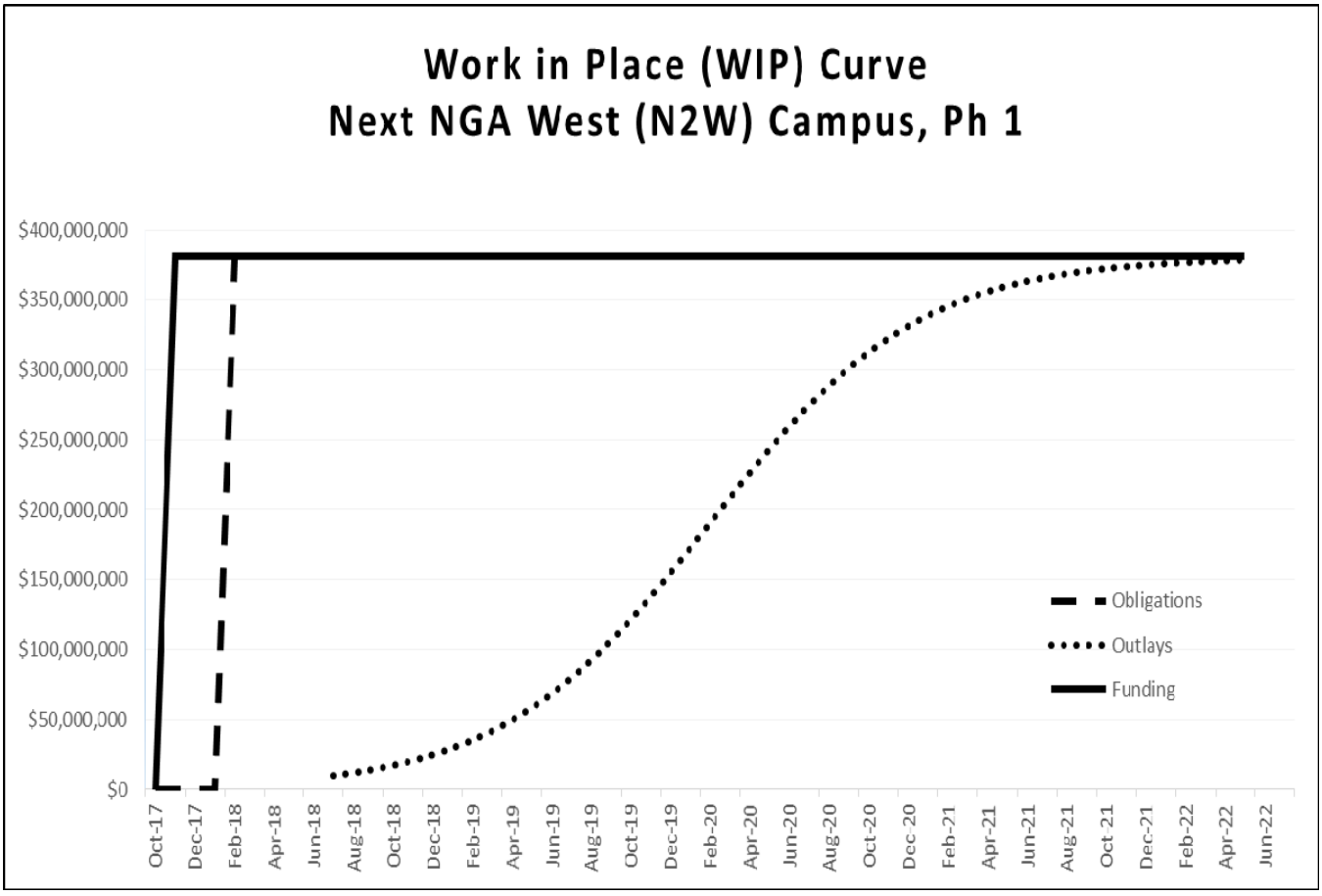
(3) Total Cost (c) = (a) + (b) or (d) + (e):

	Cost ($000)
(a) Production of Plans and Specifications	20,908
(i) Design Build RFP – P&D	7,202
(II) Design Build Design – MILCON	13,706
(b) All Other Design Costs	0
(c) Total	20,908
(d) Contract	20,908
(e) In-house	--

(4) Contract Award	JUL 2018
(5) Construction Start	April 2019
(6) Construction Completion	MAY 2022

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	1,402
Security Management System Equipment	P, DW	2018	755
Security Management System Support	O&M, DW	2019	2,925
Security Management System Equipment	P, DW	2019	6,103
Security Management System Support	O&M, DW	2020	13,147
Security Management System Equipment	P, DW	2020	22,699
Communication Equipment	P, DW	2018	5,000
Communication Support	O&M, DW	2020	29,393
Communication Equipment	P, DW	2020	114,661
Furnishings, Fixtures, and Equipment	O&M, DW	2021	16,676


Work in Place (WIP) Curve
Next NGA West (N2W) Campus, Ph 1
$400,000,000
$350,000,000
$300,000,000
$250,000,000
$200,000,000
$150,000,000
$100,000,000
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$0
Oct-17
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Jun-21
Aug-21
Oct 21
Dec-21
Feb-22
Apr-22
Jun-22
Obligations
Outlays
Funding

National Security Agency
FY 2018 Military Construction, Defense-Wide
($ in Thousands)

State/Installation/Project	Authorization Request	Approp. Request	New/ Current Mission	Page No.
Hawaii				
Kunia				
NSAH Kunia Tunnel Entrance	5,000	5,000	N	126
Maryland				
Ft. Meade				
NSAW Recapitalization Building #2, Increment 3	-	313,968	C	129
United Kingdom				
Menwith Hill Station				
RAF Main Gate Rehabilitation	11,000	11,000	N	135
Total	**16,000**	**329,968**		

1. COMPONENT	FY 2018 MILITARY CONSTRUCTION PROGRAM	2. DATE *(YYYYMMDD)*
NSA/CSS DEFENSE		May 2017

3. INSTALLATION AND LOCATION	4. COMMAND	5. AREA CONTRUCTION COST INDEX
Kunia, Hawaii	NSA/CSS	2.20

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	0.00
b. INVENTORY TOTAL AS OF 2017	0.00
c. AUTHORIZATION NOT YET IN INVENTORY	0.00
d. AUTHORIZATION REQUESTED IN THIS PROGRAM	5,000.00
e. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM	0.00
f. PLANNED IN NEXT THREE PROGRAM YEARS	0.00
g. REMAINING DEFICIENCY	0.00
h. GRAND TOTAL	5,000.00

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
81242 85220 87210	NSAH Kunia Tunnel Entrance		5,000	June 2017	April 2018

9. FUTURE PROJECTS

CATCODE Project Name (FY##)

a. ### SF (Scope of) Occupied Bldgs., Cost
b. ### SF (Scope of other structures) Pkg Structure ($000)

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 (CNO) in order to gain a decision advantage for the Nation and our allies under all circumstances.

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES

	($000)
A. Air Pollution	0
B. Water Pollution	0
C. Occupational Safety and Health	0

1. Component	FY 2018 MILITARY CONSTRUCTION PROJECT DATA	2. Date
NSA/CSS DEFENSE		May 2017

3. Installation and Location	4. Project Title
KUNIA, HAWAII	NSAH KUNIA TUNNEL ENTRANCE

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
	81242	30439	$5,000

9. Cost Estimates

Item	U/M	Quantity	Unit Cost	Cost ($000)
Primary Facilities				**2,937**
Structures (81242)	LS			(400)
Anti-Terrorism/Force Protection/Security Fencing (87210)	LS			(1,511)
Pathway (85220)	SY	1389	547	(760)
Site Development Energy and Sustainability (2%)				(220)
				(46)
Supporting Facilities				**1,334**
Electrical Services				(821)
Storm Drainage	LS			(10)
Site Improvement/Demolition	LS			(50)
Paving, Walks, Curbing, & Roadways	LS			(423)
Anti-Terrorism/Force Protection	LS			(30)
	LS			
Total Construction Cost				**4,271**
Contingency (5%)				214
Subtotal				**4,485**
SIOH (6.5%)				292
Design During Construction (DDC) (Title II Services) (2%)				90
Total Project Cost Rounded				**5,000**
Estimate Other Appropriations				325

10. DESCRIPTION OF PROPOSED CONSTRUCTION: To provide upgrades to NSAH Kunia's access control facility with the required physical security, Anti-Terrorism/Force Protection (AT/FP) design criteria, and Americans with Disability Act (ADA) standards. This project shall reduce vehicular/pedestrian conflict and enhance security around the perimeter of the tunnel's entrance. In addition, this project shall improve the exterior egress pathway for emergency evacuation from the NSAH Kunia tunnel to meet all state and Federal safety requirements. Supporting Facilities include site development, roadway restoration, parking restoration, lighting, perimeter security fencing, walking path, parking, storm drainage, and earthwork.

11. REQUIREMENT: Upgrade main gate SUBSTANDARD: None ADEQUATE: None

PROJECT: To upgrade the access control facility at NSAH Kunia and associated infrastructure supporting the security envelope surrounding the tunnel's entrance.

REQUIREMENT: Department of Defense (DoD) instruction 2000.12 stipulates that each military service will ensure that protective features be incorporate into planning, design, and execution of all facility construction to mitigate vulnerabilities and terrorist threats. This project shall include but is not limited to Intrusion detection system, traffic signaling devices, security fencing, sally ports, vertical turnstiles, guard booths, canopy, security cameras, anti-ram vehicle barriers, and final denial barrier. This project shall include the installation of an illuminated evacuation route for safe pedestrian passage in the event of an emergency as required per the National Fire Protection Association (NFPA) 101.

1. Component	FY 2018 MILITARY CONSTRUCTION PROJECT DATA	2. Date
NSA/CSS DEFENSE		May 2017

3. Installation and Location	4. Project Title
KUNIA, HAWAII	NSAH KUNIA TUNNEL ENTRANCE

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
	81242	30439	$5,000

CURRENT SITUATION: The current entrance to the NSAH Kunia facility requires physical security upgrades in order to ensure the health and safety of NSAH Kunia workforce while preventing the degradation of mission performance. There is an anticipated increase in the number of personnel at NSAH Kunia site and the current roadway is insufficiently designed to meet the site's expected population growth. Utilizing the existing roadway may lead to increased gridlock and potentially increase the number of traffic accidents. The existing egress path from the tunnel possess numerous safety hazards for the workforce traveling the path during an emergency event. The insufficient pathway lighting coupled with an uneven dirt path significantly affects the occupant's ability to travel the half mile safely to the designated assembly areas.

IMPACT IF NOT PROVIDED: If this project is not provided, the entrance to NSAH Kunia tunnel shall continue to operate but will fail to meet the requirements. The entrance does not meet the current requirement for the physical security entrance. It fails to avoid the vehicular and pedestrian conflict, as well as, the path serves as an emergency evacuation route but the unevenness of the terrain provides difficulties for the workforce and is not ASA compliant. Failure to perform this project will continue to be a hazard to the life and safety of the workforce.

ADDITIONAL: An economic analysis of this project has been conducted. This effort has been properly coordinated with the site physical security and all required AT/FP measures have been included. In order to ensure optimum mission performance while protecting the employees at NSAH from unauthorized visitors attempting to gain access to the site, executing the project is the only feasible option.

12. SUPPLEMENTAL DATA:

1. Status	
(a) Design Start	June 2017
(b) Design 35% Complete	October 2017
(c) Design Complete:	April 2018
(d) Type of Contract:	Design/Bid/Build
2. Basis	
(a) Standard of Definitive Design	
(b) Where design was most recently used: N/A	
3. Total Cost I = (a) + (b) or (d) + (e) ($000)	
(a) Production of plans and specifications	$1,300
(b) All other design costs	$0
(c) Total design cost I = (a) + (b) or (d) + (e)	$1,300
(d) Contract	$0
(e) In house	$0
4. Construction Contract Award:	July 2018
5. Construction Start Date:	September 2018
6. Construction Completion Date:	November 2019

1. COMPONENT	FY 2018 MILITARY CONSTRUCTION PROGRAM	2. DATE (YYYYMMDD)
NSA/CSS DEFENSE		May 2017

3. INSTALLATION AND LOCATION	4. COMMAND	5. AREA CONTRUCTION COST INDEX
FT. GEORGE G. MEADE, MARYLAND	NSA/CSS	0.97

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	0.00
b. INVENTORY TOTAL AS OF 2017	0.00
c. AUTHORIZATION NOT YET IN INVENTORY	0.00
d. AUTHORIZATION REQUESTED IN THIS PROGRAM	313,968.00
e. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM	359,123.00
f. PLANNED IN NEXT THREE PROGRAM YEARS	1,168,000.00
g. REMAINING DEFICIENCY	0.00
h. GRAND TOTAL	1,841,091.00

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
14162	Recapitalization Building #2, Increment 3	a. 826,114 SF Occupied Bldgs. b. 1,121,000 SF Pkg Structure C. 72,268 SF Mechanical Plant	313,968	May 2014	Jan 2016

9. FUTURE PROJECTS

CATCODE	Project Name (FY##)	a. ### SF (Scope of) Occupied Bldgs., b. ### SF (Scope of other structures) Pkg Structure	Cost ($000)
14162	Recapitalization Building 2, Increment 4 (FY 19)	a. 826,114 SF Occupied Bldg. b. 1,121,000 SF Pkg. Structure c. 72,269 SF Mechanical Plant	238,000
14162	Recapitalization Building 3, Increment 1 (FY19)	a. 855,000 SF Occupied Bldg.	99,000
13185	Recapitalization Building 3A, Increment 1 (FY19)	a. 545,000 SF Occupied Bldg.	22,123
14162	Recapitalization Building 3, Increment 2 (FY20)	a. 855,000 SF Occupied Bldg.	229,000
13185	Recapitalization Building 3A, Increment 2 (FY20)	a. 545,000 SF Occupied Bldg.	209,000
14162	Recapitalization Building 3, Increment 3 (FY 21)	a. 855,000 SF Occupied Bldg.	224,000
13185	Recapitalization Building 3A, Increment 3 (FY 21)	a. 545,000 SF Occupied Bldg.	104,000
14162	Recapitalization Building 3, Increment 4 (FY 22)	a. 855,000 SF Occupied Bldg.	223,000
14113	Access Control Facility (ACF) (FY 22)		25,000
14162	Vehicle Control Inspection Facility (VCIF) (FY 22)		55,000
14162	Recapitalization Building 4, Increment 1 (FY 22)	a. 800,000 SF Occupied Bldg.	99,000

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 (CNO) in order to gain a decision advantage for the Nation and our allies under all circumstances.

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES

	($000)
A. Air Pollution	0
B. Water Pollution	0
C. Occupational Safety and Health	0

1. Component	FY 2018 MILITARY CONSTRUCTION PROJECT DATA	2. Date
NSA/CSS DEFENSE		May 2017

3. Installation and Location	4. Project Title
Ft. George G. Meade, Maryland	NSAW RECAPITALIZATION BUILDING 2, INCREMENT 3

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000) :
	14162	30583	FY 18: 313,968

9. Cost Estimates

Item	U/M	Quantity	Unit Cost	Cost
PRIMARY FACILITIES				**627,951**
NSAW Recapitalization Building #2				
Operations Building	SF	826,114	538.02	(444,466)
Parking Garage	SF	1,121,000	83.19	(93,260)
Mechanical Plant	SF	72,268	726.80	(52,525)
OMSI Costs	LS			(1,000)
Sustainability and EPAct05 (2%)	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				**729,491**
SIOH (5.7%)				41,581
Design During Construction (1.5%)				10,942
Total Project Request				782,015
TOTAL PROJECT COST				**782,332**
Equipment from other appropriations				**196,000***

*Number has changed due to adjustments.

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 FY16 authorized amount represents the entire funding required to execute this MILCON project. The FY18 appropriation represents the third increment of a four part funding profile.

The general scope of work for the project consists of the following:

The primary facility will be comprised of a multi-story structure with full basement. The facility includes open office areas and operations floor, analyst /planner collaboration areas, cafeteria and other operations. The mission support areas provide joint staff offices, executive offices, machine rooms, storage, and meeting rooms.

Project consists of core and shell structure and foundations; elevator conveyance systems; electrical/mechanical service and distribution components and systems; fire protection, alarm and suppression; information technology infrastructure, communications, and security systems support infrastructure; exterior finishes and weatherproofing. Interior build out will provide raised access floor systems, acoustically-rated interior partitions and ceilings, power, lighting, environmental control and communications. The primary facility is not a standard design. The entire structure will be built to Sensitive Compartmented Information Facility (SCIF) standards. Project includes redundant primary power and Uninterruptable Power Supply (UPS) systems to ensure continuity of operations. This project requires comprehensive interior design.

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

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).

DD Form 1391, Dec 76

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

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

12. SUPPLEMENTAL DATA:

1. Status

A. Design start date:	May 2014
B. Percent complete as of 22 DEC 2014	15%
C. Type of design contract:	Design/Build

2. Basis

A. Standard or definitive design:	No
B. Where design was most recently used:	N/A
C. Percentage of design utilizing standard design:	N/A

3. Total Cost € = (a) + (b) or (d) + € ($000)

(a) Production of plans and specs:	$31,450
(i) Design Build RFP – P&D	$3,700
(ii) Design Build Design – MILCON	$27,750
(b) All other design cost:	$0
€ Total design cost € = (a) + (b) OR (d) + €:	$31,450
(d) Contract Architect-Engineer Design Cost, Estimated	$31,450
€ In-house Design Cost Plus Architect Engineer	
Contract Supervision and Administration Cost \	
Government Forces Design Cost, Estimated	$0
	$0

a.	Construction Contract Award:	July 2016
b.	Construction Start Date:	Sept. 2016
c.	Construction Completion Date	Sept. 2020

Additional Information:

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

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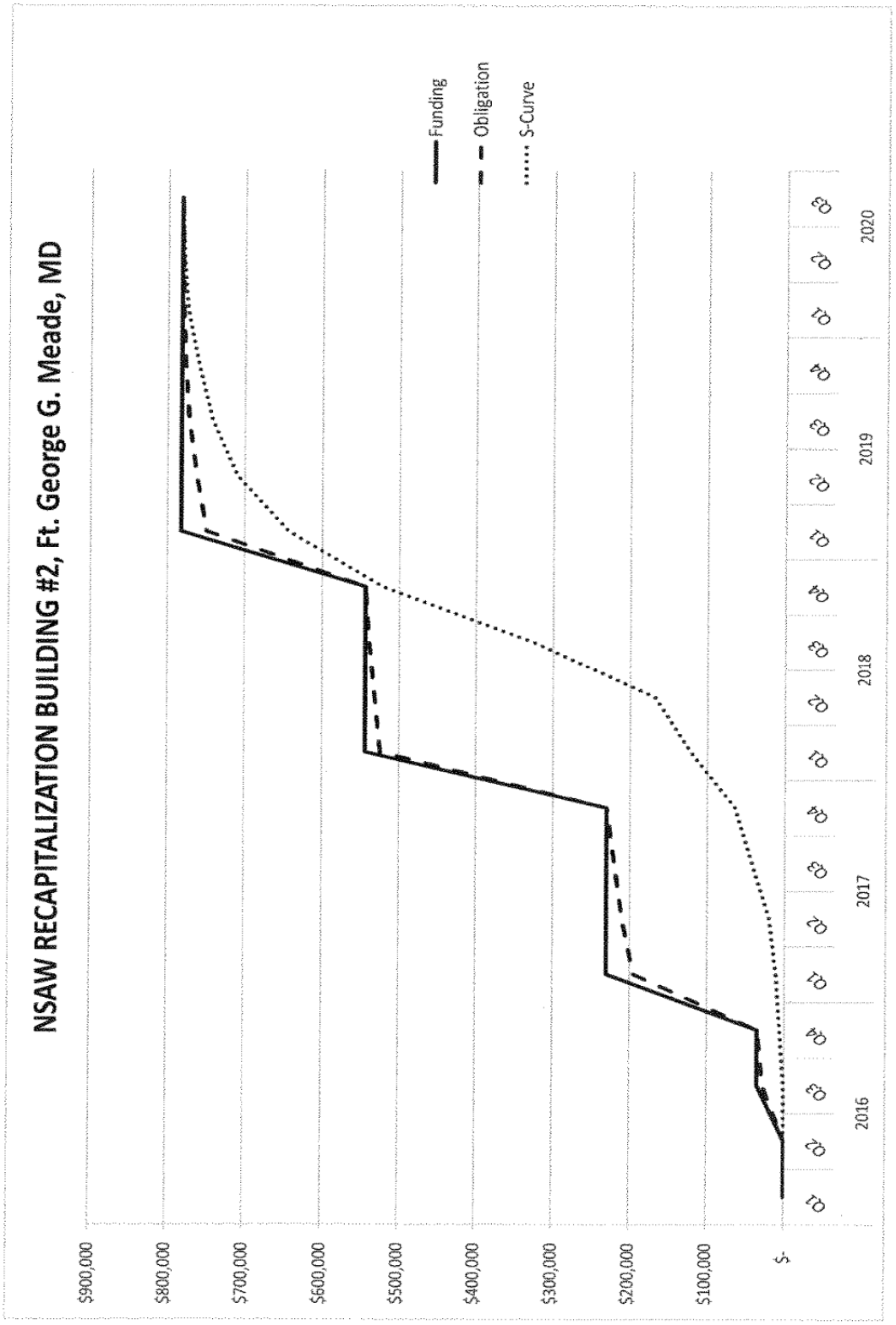
NSAW RECAPITALIZATION BUILDING #2, Ft. George G. Meade, MD
Funding
Obligation
S-Curve
$900,000
$800,000
$700,000
$600,000
$500,000
$400,000
$300,000
$200,000
$100,000
$-
2016
2017
2018
2019
2020

1. COMPONENT	FY 2018 MILITARY CONSTRUCTION PROGRAM	2. DATE (YYYYMMDD)
NSA/CSS DEFENSE		May 2017

3. INSTALLATION AND LOCATION	4. COMMAND	5. AREA CONTRUCTION COST INDEX
RAF Menwith Hill, UK	NSA/CSS	1.09

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	0.00
b. INVENTORY TOTAL AS OF 2017	0.00
c. AUTHORIZATION NOT YET IN INVENTORY	0.00
d. AUTHORIZATION REQUESTED IN THIS PROGRAM	11,000.00
e. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM	0.00
f. PLANNED IN NEXT THREE PROGRAM YEARS	0.00
g. REMAINING DEFICIENCY	0.00
h. GRAND TOTAL	11,000.00

8. PROJECTS REQUESTED IN THIS PROGRAM

a. CATEGORY			b. COST ($000)	c. DESIGN STATUS	
(1) CODE	(2) PROJECT TITLE	(3) SCOPE		(1) START	(2) COMPLETE
14113	RAFMH Main Gate Rehabilitation		11,000	Jan 2017	JUN 2018

9. FUTURE PROJECTS

CATCODE Project Name (FY##)

a. ### SF (Scope of) Occupied Bldgs., Cost
b. ### SF (Scope of other structures) Pkg Structure ($000)

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 (CNO) in order to gain a decision advantage for the Nation and our allies under all circumstances.

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES

	($000)
A. Air Pollution	0
B. Water Pollution	0
C. Occupational Safety and Health	0

1. Component	FY 2018 MILITARY CONSTRUCTION PROJECT DATA	2. Date
NSA/CSS DEFENSE		May 2017

3. Installation and Location	4. Project Title
RAF MENWITH HILL, UNITED KINGDOM	RAFMH MAIN GATE REHABILITATION

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
	14113	34490	$11,000

9. Cost Estimates

Item	U/M	Quantity	Unit Cost	Cost
Primary Facilities				**5,011**
Structures	LS			(815)
Site Development & Security Features	LS			(3,550)
Drainage	LS			(125)
Shoulder/Approach Zone	LS			(450)
Energy and Sustainability (2%)	LS			(71)
Supporting Facilities	LS			**4,045**
Electrical, Mechanical Systems	LS			(710)
Hard Paving	LS			(1,635)
Landscaping	LS			(175)
Site Improvements/Demo	LS			(1525)
Design/Build (4%)	LS			**363**
Total Construction Cost				**9,419**
Contingency (5%)				471
Subtotal				**9,890**
SIOH (6.5%)				643
Design During Construction (DDC) (Title II Services) (2%)				198
Total Project Costs				**10,731**
Total Project Cost Rounded				**11,000**
Estimate Other Appropriations				200

10. DESCRIPTION OF PROPOSED CONSTRUCTION: To provide upgrades to RAF Menwith Hill main gate access control facility with the required physical security and Anti-Terrorism/Force Protection (AT/FP) design criteria standards. Construction will require and Environmental Assessment as well as demolition and restoration of roadways, final denial barrier, traffic bollards, registration center and other site features impacted by the construction works. The emergency vehicle and rejection exit lanes will require AT/FP rated sliding gate. In addition to the pedestrian turnstiles, pedestrian gates will also be incorporated into the design for ADA compliance. This project shall incorporate separation from ingress and egress of the access control zone by non-AT/FP rated bollards actin as vehicle guidance features. Upgrades to the physical security shall include a lighting strategy in conjunction with CCTV coverage to ensure that the entrance is operational both day and night.

11. REQUIREMENT: Upgrade main gate SUBSTANDARD: None ADEQUATE: None

PROJECT: To provide the proper level of access control for all Department of Defense (DoD) personnel, visitors, and commercial traffic to the main entrance of RAF Menwith Hill. This project will provide physical security upgrades to ensure the installation if secure from unauthorized access while optimizing vehicle traffic flow. The current main gate cannot accommodate the current vehicle volume, therefore, it does not meet the required standards for security, UFC, and the U.S. and UK armed forces. This effort will correct the security deficiencies and produce a compliant and secure main gate facility to the base.

1. Component	FY 2018 MILITARY CONSTRUCTION PROJECT DATA	2. Date
NSA/CSS DEFENSE		May 2017

3. Installation and Location	4. Project Title
RAF MENWITH HILL, UNITED KINGDOM	RAFMH MAIN GATE REHABILITATION

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
	14113	34490	$11,000

REQUIREMENT: AT/FP upgrades are required at the main gate access point in order to provide the required level of security to protect mission operations from unauthorized visitors from accessing the site and potential hindering the mission operations. Unified Facilities Criteria 4-010, 4-020, &4-022 addresses the requirement for government facilities to incorporate protective features into the planning, design, and execution of all construction efforts to mitigate vulnerabilities and terrorist threats. This project requires, but is not limited to, a registration office, parking, protest area, vehicle inspection, anti-vehicles barriers, improved sight lines, rejection lands, gatehouses, and a canopy over the gatehouses over speed detection system, wrong way detection system, alarms traffic control system, and fencing.

CURRENT SITUATION: Physical security upgrades are required at the main gate entrance. At the present time, the location of the parking lot for pedestrians to access the registration center requires the pedestrian to cross the path of vehicular traffic. There is a lack of a proper rejection lane compounded with vertical alignment of the road limiting the users reaction time has been attributed to long delays and increased accidents for vehicles attempting to gain access to the site.

IMPACT IF NOT PROVIDED: If this project is not provided, the main gate entrance at RAF Menwith Hill will continue to function. If this project is not completed, the traffic issues due to the limited capacity of a vehicle rejection lane will continue. The impact of delays at the main gate will continue to increase the risks of vehicular or pedestrian accidents as the traffic volume increases. If the physical security upgrades are not installed, it will increase the health and safety risk to the RAF Menwith Hill workforce. If these delays occur during heighten security, this shall result in late arrivals of mission critical personnel and degrade mission performance.

ADDITIONAL: An economic analysis and safety study has been prepared and utilized in the evaluation of this project. This project is the only feasible option to pursue in order to ensure the health and safety of the employees operating at RAF Menwith Hill.

12. SUPPLEMENTAL DATA:

1. Status	
(a) Design Start	January 2017
(b) Design Complete	June 2018
(c) Type of Contract	Design/Build
2. Basis	
(a) Standard of Definitive Design	No
(b) Where design was most recently used:	N/A
(c) Percentage of Design Utilizing standard Design	N/A
3. Total Cost I = (a) + (b) or (d) + (e) ($000)	
(a) Production of plans and specifications	
(b) (i) Design Build RFP – P&D	$500
(c) (ii) Design Build Design – MILCON	$363
(d) All other design costs	$0
(e) Total design cost I = (a) + (b) or (d) + (e)	$863
(f) Contract	
(g) (i) Design Build RFP – P&D	$500
(h) (ii) Design Build Design – MILCON	$363
(i) In house	$0
4. Contract Award:	May 2018
5. Construction Start Date:	June 2018
6. Construction Completion Date:	December 2020

U.S. Special Operations Command
FY 2018 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 Marine Battalion Company/Team Facilities	9,958	9,958	C	140
SOF Motor Transport Facility Expansion	7,284	7,284	C	143
Naval Base Coronado				
SOF Basic Training Command	96,077	96,077	C	147
SOF Logistics Support Unit One Ops Facility #3	46,175	46,175	C	150
SOF SEAL Team Ops Facility	66,218	66,218	C	153
SOF SEAL Team Ops Facility	50,265	50,265	C	156
Florida				
Eglin Air Force Base				
SOF Simulator Facility	5,000	5,000	C	160
Hurlburt Field				
SOF Combat Aircraft Parking Apron	34,700	34,700	C	164
SOF Simulator and Fuselage Trainer Facility	11,700	11,700	C	167
New Mexico				
Cannon Air Force Base				
SOF C-130 AGE Facility	8,228	8,228	C	171
North Carolina				
Marine Corps Base Camp Lejeune				
SOF Human Performance Training Center	10,800	10,800	C	175
SOF Motor Transport Maintenance Expansion	20,539	20,539	C	178
Fort Bragg				
SOF Telecommunications Reliability Improvements	4,000	4,000	C	182
SOF Human Performance Training Center	20,260	20,260	C	186
SOF Support Battalion Admin Facility	13,518	13,518	C	189
SOF Tactical Equipment Maintenance	20,000	20,000	C	192
Virginia				
Joint Expeditionary Base Little Creek-Fort Story				
SOF SATEC Range Expansion	23,000	23,000	C	196

U.S. Special Operations Command
FY 2018 Military Construction, Defense-Wide
($ In Thousands)

State/Installation/Project	Authorization Request	Approp Request	New/ Current Mission	Page No.
Japan				
Kadena Air Base				
SOF Maintenance Hangar*	-	3,972	C	200
SOF Special Tactics Operations Facility	27,573	27,573	C	203
Torii Station				
SOF Tactical Equipment Maintenance Facility	25,323	25,323	C	207
Yokota Air Base				
Airfield Apron*	-	10,800	C	211
Hangar/Aircraft Maintenance Unit*	-	12,034	C	214
Operations and Warehouse Facilities*	-	8,590	C	217
Simulator Facility*	-	2,189	C	220
CONUS Classified				
Battalion Complex, PH 1	64,364	64,364	C	223
Total	**564,982**	**602,567**		

Cost to complete - FY 17 projects.

1. COMPONENT	FY 2018 MILITARY CONSTRUCTION PROGRAM	2. DATE
USSOCOM		MAY 2017

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 (MARSOC)	1.12

6. PERSONNEL STRENGTH

	PERMANENT			STUDENTS			SUPPORTED			
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF SEP 16	85	625	11	0	0	0	0	0	0	721
B. END FY 22	85	697	10	0	0	0	0	0	0	792

7. INVENTORY DATA ($000)

A. TOTAL AREA (ACRES)	426,749
B. INVENTORY TOTAL AS OF SEP 16	56,842
C. AUTHORIZATION NOT YET IN INVENTORY (FY 14-17)	22,022
D. AUTHORIZATION REQUESTED IN THIS PROGRAM (FY 18)	17,242
E. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM (FY 19)	2,103
F. PLANNED IN NEXT THREE YEARS (FY 20-22)	0
G. REMAINING DEFICIENCY	10,371
H. GRAND TOTAL	108,580

8. PROJECTS REQUESTED IN THIS PROGRAM:

CATEGORY CODE	PROJECT TITLE	SCOPE	COST ($000)	DESIGN STATUS START	DESIGN STATUS COMPLETE
140	SOF MARINE BATTALION COMPANY/TEAM FACILITIES	2,323 SM (25,000 SF)	9,958	10/16	09/17
218	SOF MOTOR TRANSPORT FACILITY EXPANSION	1,859 SM (20,000 SF)	7,284	10/16	09/17

9. FUTURE PROJECTS

CATEGORY CODE	PROJECT TITLE	SCOPE	COST ($000)
a. Included in Following Program (FY19)			
143	SOF EOD FACILITY – WEST	550 SM (5,920 SF)	2,103

b. Planned Next Three Years (FY20-22):

NONE

c. RPM Backlog N/A

10. MISSION OR MAJOR FUNCTION

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 (GCC) employing Special Operations Forces (SOF).

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES: N/A

1. Component	FY2018 MILITARY CONSTRUCTION PROJECT DATA	2. Date
USSOCOM		MAY 2017

3. Installation and Location/UIC:	4. Project Title:
MARINE CORPS BASE CAMP PENDLETON, CALIFORNIA	SOF MARINE BATTALION COMPANY/TEAM FACILITIES

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
1140494BB	140	P1118	9,958

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
PRIMARY FACILITIES				7, 485
COMPANY HQ/TEAM FACILITIES (CC14325) (25,000 SF)	SM	2,323	2,545	(5,912)
ARMORY FACILITY EXPANSION (CC14345) (6,700 SF)	SM	623	2,308	(1,438)
BUILT-IN EQUIPMENT	LS	--	--	(60)
OPERATION AND MAINTENANCE SUPPORT INFO (OMSI)	LS	--	--	(20)
SUSTAINABILITY AND ENERGY FEATURES	LS	--	--	(55)
SUPPORTING FACILITIES				1,487
SPECIAL CONSTRUCTION FEATURES	LS	--	--	(300)
ELECTRICAL UTILITIES	LS	--	--	(100)
MECHANICAL UTILITIES	LS	--	--	(100)
ENVIRONMENTAL MITIGATION	LS	--	--	(300)
PAVING AND IMPROVEMENTS	LS	--	--	(650)
PASSIVE FORCE PROTECTION MEASURES	LS	--	--	(37)

SUBTOTAL				8,972
CONTINGENCY (5.0%)				449

SUBTOTAL				9,421
SUPERVISION, INSPECTION AND OVERHEAD (5.7%)				537

TOTAL REQUEST				9,958
TOTAL REQUEST (ROUNDED)				9,958
EQUIPMENT PROVIDED FROM OTHER APPROPRIATIONS				(2,892)

10. Description of Proposed Construction: Constructs a Special Operations Forces (SOF) Company HQ/Team Facility for two 1st Marine Raider Battalion (1st MRB) companies, an Armory Expansion including relocating covered weapons cleaning stations, and miscellaneous supporting structures, utilities, parking, roadways, and site work. All exterior finishes will conform to the Camp Pendleton Base Exterior Architecture Plan. Construction will include skylights to maximize natural lighting, hazardous material storage rooms, tool room and parts storage space, administrative space, operations/planning space, publications library space, classroom space, showers and lockers. Built-in equipment includes gear storage cages, armory 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 network, mass notification and intercom. Site systems/ connections will include utility distribution/collection systems, traffic control, parking lots, perimeter security fencing, paved roadways, electrical power, domestic water, fire protection water,

1. Component	FY2018 MILITARY CONSTRUCTION PROJECT DATA		2. Date
USSOCOM			MAY 2017
3. Installation and Location/UIC: MARINE CORPS BASE CAMP PENDLETON, CALIFORNIA		4. Project Title: SOF MARINE BATTALION COMPANY/TEAM FACILITIES	
5. Program Element: 1140494BB	6. Category Code: 140	7. Project Number: P1118	8. Project Cost ($000): 9,958

sanitary sewer, storm water management, fire alarm, telephone/data communication, fiber optics, and cable television system. This project includes environmental mitigation for natural, cultural and environmental resources, Geospatial Data Surveying/Mapping, and special foundation features for seismic conditions. 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: 2,946 SM (31,700 SF) **Adequate:** 0 SM **Substandard:** 0 SM

PROJECT: Construct SOF company/team facilities for two operational companies of 1st Marine Raider Battalion (1st MRB) assigned to U.S. Marine Corps Forces Special Operations Command (MARSOC) stationed aboard Camp Pendleton, CA and expand the existing armory.

REQUIREMENT: Adequate company/team and armory facilities are required to support execution of the mission of 1st MRB at the Camp Pendleton MARSOC Compound. Facilities to support this requirement were not included in the FY07/FY08 MILCON program so 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 the Special Operations Forces (SOF) unique training and operational requirements. Project needs to be completed as soon as practical to round out the functional facilities requirements on the west coast.

CURRENT SITUATION: Development of the MARSOC compound is ongoing with both active and planned MILCON projects to realize capability and capacity to support MARSOC west coast units with purpose-built facilities. Adequate facilities do not currently exist at Camp Pendleton to meet the MARSOC requirements for company/team administrative, operational planning, and mission preparation with secure communications, equipment-laydown space, and armory space. Companies are currently located in spaces in the headquarters building and the academic facility that are not sufficient to meet their mission. Their current spaces have no dedicated team planning space and are not the appropriate category code. The armory is too small to accommodate the equipment density that they possess and is organized for storage rather than issue and retrieval. The expansion will allow structure to match the Consolidated Memorandum Receipt (CMR)/Team organization to increase accountability. Facilities to support these requirements are necessary to support the company/team operations and structure within an evolving MARSOC.

IMPACT IF NOT PROVIDED: MARSOC will be unable to support operational companies. MARSOC mission preparation and operations execution are jeopardized. The armory's struggle for organization, access, and accountability of the weapons and gear will continue.

ADDITIONAL: No life cycle costs have been calculated at this time. There is no feasible alternative to new construction. 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 Standard for Buildings. Project construction is not within a designated 100-year floodplain. No flood mitigation measures required.

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,

1. Component	FY2018 MILITARY CONSTRUCTION PROJECT DATA	2. Date
USSOCOM		MAY 2017

3. Installation and Location/UIC:	4. Project Title:
MARINE CORPS BASE CAMP PENDLETON, CALIFORNIA	SOF MARINE BATTALION COMPANY/TEAM FACILITIES

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
1140494BB	140	P1118	9,958

Section 165.

12. Supplemental Data:

A. Design Data (Estimates)

(1) Status	
(a) Date Design Started	Oct 16
(b) Percent Complete as of January 2017	15%
(c) Date Design 35% Complete	Mar 17
(d) Date Design 100% Complete	Sep 17
(e) Parametric Estimates Used to Develop Costs	No
(f) Type of Design Contract	Design Bid Build
(g) Energy Study and Life Cycle Analysis Performed	No
(2) Basis	
(a) Standard or Definitive Design Used	No
(b) Where Design Was Previously Used	N/A
(3) Total Design Cost	($000)
(a) Production of Plans and Specifications	500
(b) All Other Design Costs	91
(c) Total Cost (a + b or d + e)	591
(d) Contract Cost	0
(e) In-House Cost	591
(4) Construction Contract Award Date	Jan 18
(5) Construction Start Date	Mar 18
(6) Construction Completion Date	Mar 20

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	O&M, D-W	2019	830
C4I Equipment	PROC, D-W	2019	349
Collateral Equipment	O&M, D-W	2019	1,562
Collateral Equipment	PROC, D-W	2019	151

U.S. Marine Corps Forces Special Operations Command
Telephone: (760) 725-9694, (910) 440-0725/0726

1. Component	FY2018 MILITARY CONSTRUCTION PROJECT DATA	2. Date
USSOCOM		MAY 2017

3. Installation and Location/UIC:	4. Project Title:
MARINE CORPS BASE CAMP PENDLETON, CALIFORNIA	SOF MOTOR TRANSPORT FACILITY EXPANSION

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
1140494BB	218	P1122	7,284

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
PRIMARY FACILITIES				5,212
MOTOR TRANSPORT FACILITY (CC 21451)(20,000 SF)	SM	1,859	2,726	(5,068)
BUILT-IN EQUIPMENT	LS	--	--	(70)
OPERATION AND MAINTENANCE SUPPORT INFO (OMSI)	LS	--	--	(20)
SUSTAINABILITY AND ENERGY FEATURES	LS	--	--	(54)
SUPPORTING FACILITIES				1351
DEMOLITION (5,084 SF)	LS	--	--	(100)
SPECIAL CONSTRUCTION FEATURES	LS	--	--	(200)
ELECTRICAL UTILITIES	LS	--	--	(125)
MECHANICAL UTILITIES	LS	--	--	(100)
ENVIRONMENTAL MITIGATION	LS	--	--	(300)
PAVING AND IMPROVEMENTS	LS	--	--	(500)
PASSIVE FORCE PROTECTION MEASURES	LS	--	--	(26)

SUBTOTAL				6,563
CONTINGENCY (5.0%)				328

SUBTOTAL				6,891
SUPERVISION, INSPECTION AND OVERHEAD (5.7%)				393

TOTAL REQUEST				7,284
TOTAL REQUEST (ROUNDED)				7,284
EQUIPMENT PROVIDED FROM OTHER APPROPRIATIONS				(1,452)

10. Description of Proposed Construction: Constructs a Motor Transport (Motor T) Facility for 1st Marine Raider Support Battalion (1st MRSB) personnel and motor vehicles to include paved area and miscellaneous supporting structures/utilities/infrastructure. The facility will be concrete masonry unit (CMU) construction, reinforced concrete foundation and slab, structural steel framing, steel trusses, and standing seam metal roof to match the adjacent Combat Service Support Facility. This project also includes demolition of building 41362 (their interim facility) and placing asphalt in the building footprint to match the surrounding asphalt. All exterior finishes will conform to the Camp Pendleton Base Exterior Architecture Plan. Construction will include intermediate maintenance activity infrastructure, vehicle maintenance bays, basic individual issue storage for vehicle Stock List – Level 3 (SL-3) components, skylights to maximize natural lighting, hazardous material and battery storage rooms; tool room and parts storage space, administrative space, operations/planning space, publications library space, classroom space, showers and lockers. Built-in equipment includes gear storage cages, compressors, oil-water separators, a vehicle lift, an overhead crane, 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

1. Component	FY2018 MILITARY CONSTRUCTION PROJECT DATA		2. Date
USSOCOM			MAY 2017
3. Installation and Location/UIC:		4. Project Title:	
MARINE CORPS BASE CAMP PENDLETON, CALIFORNIA		SOF MOTOR TRANSPORT FACILITY EXPANSION	
5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
1140494BB	218	P1122	7,284

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 network, 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 sewer, storm water management, fire alarm, telephone/data communication, fiber optics, and cable television system. This project includes environmental mitigation for natural, cultural and environmental resources, Geospatial Data Surveying/Mapping, and special foundation features for seismic conditions. 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: 1,859 SM (20,000 SF) **Adequate:** 0 SM **Substandard:** 0 SM

PROJECT: Constructs a motor transportation operations and maintenance support facility to provide administrative, operational, and maintenance spaces for the west coast-based Motor Transport organization of 1st Marine Raider Support Battalion (1st MRSB) assigned to U.S. Marine Corps Forces Special Operations Command (MARSOC) stationed aboard Camp Pendleton, CA.

REQUIREMENT: Adequate facilities are required to support execution of the West Coast Motor Transport mission of 1st MRSB 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 the Special Operations Forces unique training and operational requirements.

CURRENT SITUATION: Development of the MARSOC compound is ongoing with both active and planned MILCON projects to realize capability and capacity to support MARSOC West Coast units with purpose-built facilities. 1st MRSB Motor T is operating out of an inadequate facility that has been on the base demolition list for 10 years. Current facility is too small and inefficient. 1st MRSB is sharing 1st Marine Raider Battalion's (1st MRB) maintenance bays and their facility is located in the middle of space required for equipment laydown on 1st MRB's lot. There are not sufficient bays and space for both units. Existing facilities do not meet the MARSOC requirements for a Motor T facility with operations and maintenance space with secure communications. Facilities to support this requirement are necessary to support the Motor T operations and structure within MARSOC.

IMPACT IF NOT PROVIDED: Negative impact on equipment readiness. Training requirements not met. MARSOC mission preparation and operations execution are jeopardized.

ADDITIONAL: No life cycle costs have been calculated at this time. There is no feasible alternative to new construction. 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 Standard for Buildings. Project construction is not within a designated 100-year floodplain. No flood mitigation measures

1. Component	FY2018 MILITARY CONSTRUCTION PROJECT DATA	2. Date
USSOCOM		MAY 2017

3. Installation and Location/UIC:	4. Project Title:
MARINE CORPS BASE CAMP PENDLETON, CALIFORNIA	SOF MOTOR TRANSPORT FACILITY EXPANSION

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
1140494BB	218	P1122	7,284

required.

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. Design Data (Estimates)

(1) Status	
(a) Date Design Started	Oct 16
(b) Percent Complete as of January 2017	15%
(c) Date Design 35% Complete	Mar 17
(d) Date Design 100% Complete	Sep 17
(e) Parametric Estimates Used to Develop Costs	No
(f) Type of Design Contract	Design Bid Build
(g) Energy Study and Life Cycle Analysis Performed	No
(2) Basis	
(a) Standard or Definitive Design Used	No
(b) Where Design Was Previously Used	N/A
(3) Total Design Cost	($000)
(a) Production of Plans and Specifications	400
(b) All Other Design Costs	33
(c) Total Cost (a + b or d + e)	433
(d) Contract Cost	0
(e) In-House Cost	433
(4) Construction Contract Award Date	Jan 18
(5) Construction Start Date	Mar 18
(6) Construction Completion Date	Mar 20

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	O&M, D-W	2019	215
Collateral Equipment	O&M, D-W	2019	664
Collateral Equipment	PROC, D-W	2019	573

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1. COMPONENT	FY 2018 MILITARY CONSTRUCTION PROGRAM	2. DATE
USSOCOM		MAY 2017

3. INSTALLATION AND LOCATION	4. COMMAND	5. AREA CONSTRUCTION COST INDEX
NAVAL BASE CORONADO, CALIFORNIA	NAVAL SPECIAL WARFARE COMMAND	1.13

6. PERSONNEL STRENGTH

	PERMANENT			STUDENTS			SUPPORTED			
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF SEP 16	579	2,628	458	0	0	0	0	0	0	3,665
B. END FY 22	539	3,085	590	0	0	0	0	0	0	4,214

7. INVENTORY DATA ($000)

A. TOTAL AREA (ACRES)	1,907
B. INVENTORY TOTAL AS OF SEP 17	228,400
C. AUTHORIZATION NOT YET IN INVENTORY (FY 15-17)	296,517
D. AUTHORIZATION REQUESTED IN THIS PROGRAM (FY 18)	258,735
E. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM (FY19)	66,050
F. PLANNED IN NEXT THREE YEARS (FY 20-22)	67,473
G. REMAINING DEFICIENCY	53,200
H. GRAND TOTAL	970,375

8. PROJECTS REQUESTED IN THIS PROGRAM:

CATEGORY CODE	PROJECT TITLE	SCOPE	COST ($000)	DESIGN STATUS START	DESIGN STATUS COMPLETE
171	SOF BASIC TRAINING COMMAND	29,500 SM (317,000 SF)	96,077	03/17	08/19
144	SOF LOGISTICS SUPPORT UNIT (LOGSU) ONE OPERATIONS FACILITY #3	9,290 SM (100,000 SF)	46,175	01/17	08/18
140	SOF SEAL TEAM OPS FACILITY	11,241 SM (121,000 SF)	66,218	01/17	08/18
140	SOF SEAL TEAM OPS FACILITY	8,918 SM (96,000 SF)	50,265	01/17	08/18

9. FUTURE PROJECTS

CATEGORY CODE	PROJECT TITLE	SCOPE	COST ($000)
a. Included in Following Program (FY19)			
171	SOF NSWCEN CLOSE QUARTERS COMBAT FACILITY	2,137 SM (23,000 SF)	12,969
171	SOF ATC APPLIED INSTRUCTION FACILITY	3,530 SM (38,000 SF)	15,053
171	SOF ATC TRAINING FACILITY	4,366 SM (47,000 SF)	18,618
610	SOF NSWG-1 OPERATIONS SUPPORT FACILITY	4,088 SM (44,000 SF)	19,410
b. Planned Next Three Years (FY20-22)			
143	SOF SEAL TEAM SEVENTEEN OPERATIONS FACILITY	3,995 SM (43,000 SF)	18,200
171	SOF ATC SERE TRAINING FACILITY	3,995 SM (43,000 SF)	15,338
171	SOF ATC OPERATIONS SUPPORT FACILITY	3,252 SM (35,000 SF)	14,745
211	SOF UAV AVIONICS MAINTENANCE AND STORAGE FACILITY	1,858 SM (20,000 SF)	9,000
610	SOF NSWG-11 HEADQUARTERS	1,022 SM (11,000 SF)	4,800
730	SOF MULTI-PURPOSE CANINE FACILITY	1,115 SM (12,000 SF)	5,390

c. RPM Backlog: N/A

10. MISSION OR MAJOR FUNCTION

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 NA

1. Component	FY2018 MILITARY CONSTRUCTION PROJECT DATA	2. Date
USSOCOM		MAY 2017

3. Installation and Location/UIC:	4. Project Title
NAVAL BASE CORONADO, CALIFORNIA	SOF BASIC TRAINING COMMAND

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
1140494BB	171	P855	96,077

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
PRIMARY FACILITY				65,555
BASIC TRAINING COMMAND (CC 17120) (94,600 SF)	SM	8,793	2,968	(26,098)
COMBAT TRAINING TANK COMPLEX (CC 17955) (23,500 SF)	SM	2,187	5,457	(11,934)
B638 ADDITION (CC 44110) (20,000 SF)	SM	1,858	2,763	(5,134)
B631, 632, 634, 637 RENOVATION (CC 17120) (179,000 SF)	SM	16,666	1,155	(19,249)
ANTI-TERRORISM/FORCE PROTECTION	LS	--	--	(528)
OPERATION AND MAINTENANCE SUPP INFO (OMSI)	LS	--	--	(400)
BUILT-IN EQUIPMENT	LS	--	--	(500)
SUSTAINABILITY AND ENERGY FEATURES	LS	--	--	(500)
TEMPORARY FACILITIES	LS	--	--	(1,212)
SUPPORTING FACILITIES				18,000
DEMOLITION (266,000 SF)	SM	24,702	269	(6,645)
MECHANICAL UTILITIES	LS	--	--	(1,500)
PAVING AND SITE IMPROVEMENTS	LS	--	--	(4,150)
SITE PREPARATIONS	LS	--	--	(2,455)
ELECTRICAL UTILITIES	LS	--	--	(1,450)
SPECIAL FOUNDATION FEATURES	LS	--	--	(1,800)

ESTIMATED CONTRACT COST				83,555
CONTINGENCY (5%)				4,178

SUBTOTAL				87,733
SUPERVISION, INSPECTION AND OVERHEAD (5.7%)				5,001

SUBTOTAL				92,734
DESIGN BUILD DESIGN COST (4%)				3,342

TOTAL REQUEST				96,076
TOTAL REQUEST (ROUNDED)				96,077
EQUIPMENT FROM OTHER APPROPRIATIONS (NON ADDITIVE)				(12,262)

10. Description of Proposed Construction: Constructs, renovates, and demolishes facilities to support development of the Naval Special Warfare Center Basic Training Command Schoolhouse on the Oceanside of Naval Amphibious Base Coronado. Facilities will support a variety of functions including operational gear storage, applied instruction, administrative, boat storage and maintenance. Construction will be a mix of concrete masonry unit (CMU), tilt up concrete panels, and steel frame with metal panels on concrete foundation. Project includes all pertinent site improvements and site preparations, 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.

11. Requirement: 29,500 SM (317,000 SF) **Adequate:** 0 SM **Substandard:** 24,702 SM (266,000 SF)

1. Component	FY2018 MILITARY CONSTRUCTION PROJECT DATA		2. Date
USSOCOM			MAY 2017
3. Installation and Location/UIC:		4. Project Title	
NAVAL BASE CORONADO, CALIFORNIA		SOF BASIC TRAINING COMMAND	
5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
1140494BB	171	P855	96,077

PROJECT: Constructs a Basic Training Command Schoolhouse for the Naval Special Warfare Center and includes a combat training tank complex. An addition to building 638, the existing operational storage and distribution facility will be provided. Project includes renovations to buildings 631, 632, 634, and 637 totaling 16,666 SM (179,000 SF) and demolishes buildings 604, 608, 613, 615, 617, 626, 627, 164, 169, 229, 1021, 600, 603, 603T, 603M, 605, 609, 611, 614, 616, 623, 636 and 633 totaling approximately 24,702 SM (266,000 SF).

REQUIREMENT: Naval Special Warfare Center (NSWCEN) is the Naval Special Warfare (NSW) proponent for training. The mission of the NSW is to conduct special operations training to educate U.S. and foreign armed forces and other designated personnel in NSW tactics, techniques, procedures and equipment. Subordinate commands are the Basic Training Command (BTC) and the Advanced Training Command (ATC). BTC conducts the Basic Underwater Demolition/SEAL (BUD/S) training and the Special Warfare Combatant-Craft Crewmen (SWCC) basic crewman training course. BTC also conducts SEAL Qualification Training for BUD/S graduates and Combatant-Craft Crewman Qualification Training for SWCC Basic Crewman Training graduates.

CURRENT SITUATION: BTC is currently utilizing 16 substandard and obsolete facilities with functions split by a major state highway (SR-75) at Naval Amphibious Base (NAB) Coronado. To meet NSW training requirements, the Naval Special Warfare Center organizational structure has changed significantly since 2003; from one Echelon III Command NSWCEN and 3 Detachments, to one Echelon III Command NSWCEN, two Echelon IV Commands (BTC, ATC), and 6 Detachments. During this time, recommended manpower for NSWCEN and subordinate commands increased requirements from a total of 340 NSWCEN personnel in FY03 to a combined total of 503 personnel in FY13 (a 2012 USSOCOM Manpower Survey documented these requirements). Total personnel requirements for NSWCEN have continued to rise since FY13, now totaling 850 personnel. NSWCEN stood up BTC in 2008 to better meet these increasing requirements. This project will ultimately assume and recapitalize newer facilities left vacant with the migration of other NSW units to the Naval Base Coronado Coastal Campus and demolish obsolete and inadequate facilities with a footprint inhibiting development of a school house and BUD/S training complex.

IMPACT IF NOT PROVIDED: If this project is not provided, BTC will continue to utilize fragmented, substandard and obsolete facilities. The BTC schoolhouse will continue to be fragmented in 16 different facilities split by a major highway (SR-75), impacting the duration and efficiency of training evolutions. The combat training tank has structural defects and leaks, increasing operations and maintenance funds required to keep the tank filled and the water heated. Gear and equipment that should be stored in a climate controlled environment will continue to be stored in CONEX boxes and MILVANS, degrading equipment more rapidly.

ADDITIONAL: No life cycle costs have been calculated at this time. 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 Standard for Buildings. This project is also in compliance with current seismic requirements. Flood vulnerability for Naval Special Warfare Command projects has been determined 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,

1. Component	FY2018 MILITARY CONSTRUCTION PROJECT DATA	2. Date
USSOCOM		MAY 2017

3. Installation and Location/UIC:	4. Project Title
NAVAL BASE CORONADO, CALIFORNIA	SOF BASIC TRAINING COMMAND

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
1140494BB	171	P855	96,077

Section 165.

12. Supplemental Data:

A. Design Data (Estimates)

(1) Status	
(a) Date Design Started	Mar 17
(b) Percent Complete as of January 2017	0%
(c) Date Design 35% Complete	Jan 18
(d) Date Design 100% Complete	Aug 19
(e) Parametric Cost Estimates Used to Develop Costs	Yes
(f) Type of Design Contract	Design Build
(g) Energy Study and Life Cycle Analysis Performed	No
(2) Basis	
(a) Standard or Definitive Design Used	No
(b) Where Design Was Previously Used	N/A
(3) Total Cost	($000)
(a) Production of Plans and Specification	3,600
(b) All Other Design Costs	1,204
(c) Total Cost (a + b or d + e)	4,804
(d) Contract Cost	3,600
(e) In-House Cost	1,204
(4) Contract Award Date	Aug 18
(5) Construction Start Date	Aug 19
(6) Construction Completion Date	Mar 22

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	2,759
Collateral Equipment	O&M, D-W	2021	1,859
C4I Equipment	O&M, D-W	2020	1,931
C4I Equipment	O&M, D-W	2021	1,288
Collateral Equipment	PROC, D-W	2020	1,800
Collateral Equipment	PROC, D-W	2021	1,200
C4I Equipment	PROC, D-W	2020	855
C4I Equipment	PROC, D-W	2021	570

Naval Special Warfare Command
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1. Component	FY2018 MILITARY CONSTRUCTION PROJECT DATA	2. Date
USSOCOM		MAY 2017

3. Installation and Location/UIC:	4. Project Title
NAVAL BASE CORONADO, CALIFORNIA	SOF LOGISTICS SUPPORT UNIT ONE OPERATIONS FACILITY #3

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
1140494BB	144	P921	46,175

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
PRIMARY FACILITY				33,462
LOGSU ONE OPERATIONS FACILITY (CC 14341) (100,000 SF)	SM	9,290	3,300	(30,657)
ANTI-TERRORISM/FORCE PROTECTION	LS	--	--	(546)
BUILT-IN EQUIPMENT	LS	--	--	(760)
SPECIAL COSTS	LS	--	--	(492)
OPERATION AND MAINTENANCE SUPP INFO (OMSI)	LS	--	--	(515)
SUSTAINABILITY AND ENERGY FEATURES	LS	--	--	(492)
SUPPORTING FACILITIES				6,695
MECHANICAL UTILITIES	LS	--	--	(615)
PAVING AND SITE IMPROVEMENTS	LS	--	--	(3,185)
DEMOLITION (25,400 SF)	SM	2,360	265	(625)
ELECTRICAL UTILITIES	LS	--	--	(570)
SPECIAL FOUNDATION FEATURES	LS	--	--	(1,700)

ESTIMATED CONTRACT COST				40,157
CONTINGENCY (5%)				2,008

SUBTOTAL				42,165
SUPERVISION, INSPECTION AND OVERHEAD (5.7%)				2,403

SUBTOTAL				44,568
DESIGN BUILD DESIGN COST (4%)				1,606

TOTAL REQUEST				46,175
TOTAL REQUEST (ROUNDED)				46,175
EQUIPMENT FROM OTHER APPROPRIATIONS (NON ADDITIVE)				(4,852)

10. Description of Proposed Construction: Constructs a Logistics Support Facility at the Naval Base Coronado Coastal Campus. Facility will support a variety of functions including operational gear storage, applied instruction, administrative, Tactical Ground Mobility (TGM) vehicle maintenance, Civil Engineering Support Equipment (CESE) maintenance, small craft maintenance and storage, and interior operational load out areas and vehicle staging. Project includes demolition of building 165. Construction will be a mix of concrete masonry unit (CMU), tilt up concrete panels, and steel frame with metal panels on concrete foundation. Project includes all pertinent site improvements and site preparations, mechanical and electrical utilities, telecommunications, pile foundation, emergency generator, landscaping, fencing, 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.

11. Requirement: 9,290 SM (100,000 SF) **Adequate:** 0 SM **Substandard:** 3,623 SM (39,000 SF)

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1. Component	FY2018 MILITARY CONSTRUCTION PROJECT DATA	2. Date
USSOCOM		MAY 2017

3. Installation and Location/UIC:	4. Project Title
NAVAL BASE CORONADO, CALIFORNIA	SOF LOGISTICS SUPPORT UNIT ONE OPERATIONS FACILITY #3

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
1140494BB	144	P921	46,175

PROJECT: Constructs a facility to support Logistics Support Unit (LOGSU) ONE operations.
REQUIREMENT: LOGSU ONE is responsible for providing logistical and other support service to Naval Special Warfare (NSW) Group ONE and its subordinate commands in order to directly support NSW operations and training at home and forward deployments. Naval Special Warfare Group ONE is responsible for training, equipping, and deploying west coast SEAL teams to meet the exercise, contingency, and wartime requirements of Regional Combatant Commanders, Theatre Special Operations Commands and numbered fleets around the world. These facilities will support the continual training, deployment, and operations of SEALs and supporting forces in conventional and unconventional, special and irregular war scenarios.
CURRENT SITUATION: LOGSU ONE facility requirements far exceed available space in existing facilities. Facilities supporting Tactical Ground Mobility (TGM) vehicle maintenance, Civil Engineering Support Equipment (CESE) maintenance, and small craft storage and maintenance are fragmented, with three functions split between four facilities on two separate geographic locations on Naval Base Coronado: Naval Amphibious Base (NAB) Coronado and Naval Outlying Landing Field (NOLF) Imperial Beach. Two of these facilities are temporary tension fabric structures. These facilities are all severely undersized and poorly configured, meeting approximately 39% of requirements.
IMPACT IF NOT PROVIDED: If this project is not provided, LOGSU ONE will be hindered in its ability to provide logistics support to SEAL Teams ONE, THREE, FIVE, SEVEN and SEVENTEEN, impacting mission readiness. Fragmentation of LOGSU operations will continue to lengthen deployment preparations and require increased coordination of maintenance efforts.
ADDITIONAL: No life cycle costs have been calculated at this time. 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 Standard for Buildings. This project is also 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. Design Data (Estimates)

(1) Status

(a) Date Design Started	Jan 17
(b) Percent Complete as of January 2017	0%
(c) Date Design 35% Complete	Aug 17
(d) Date Design 100% Complete	Aug 18
(e) Parametric Cost Estimates Used to Develop Costs	Yes
(f) Type of Design Contract	Design Build
(g) Energy Study and Life Cycle Analysis Performed	No

(2) Basis

1. Component	FY2018 MILITARY CONSTRUCTION PROJECT DATA	2. Date
USSOCOM		MAY 2017

3. Installation and Location/UIC:	4. Project Title
NAVAL BASE CORONADO, CALIFORNIA	SOF LOGISTICS SUPPORT UNIT ONE OPERATIONS FACILITY #3

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
1140494BB	144	P921	46,175

(a) Standard or Definitive Design Used	No
(b) Where Design Was Previously Used	N/A
(3) Total Cost	($000)
(a) Production of Plans and Specification	2,000
(b) All Other Design Costs	767
(c) Total Cost (a + b or d + e)	2,767
(d) Contract Cost	2,000
(e) In-House Cost	767
(4) Contract Award Date	Jun 18
(5) Construction Start Date	Jan 19
(6) Construction Completion Date	Jan 21

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	1,833
C4I Equipment	O&M, D-W	2020	1,283
Collateral Equipment	PROC, D-W	2020	1,174
C4I Equipment	PROC, D-W	2020	562

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1. Component	FY2018 MILITARY CONSTRUCTION PROJECT DATA	2. Date
USSOCOM		MAY 2017

3. Installation and Location/UIC:	4. Project Title
NAVAL BASE CORONADO, CALIFORNIA	SOF SEAL TEAM OPS FACILITY

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
1140494BB	140	P892	66,218

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
PRIMARY FACILITY				43,192
SEAL TEAM OPS FACILITY (CC 14325) (96,000 SF)	SM	8,918	3,400	(30,321)
MOBILE COMM DET FACILITY (CC 14325) (25,000 SF)	SM	2,323	3,396	(7,889)
ANTI-TERRORISM/FORCE PROTECTION	LS	--	--	(950)
BUILT-IN EQUIPMENT	LS	--	--	(950)
SPECIAL COSTS	LS	--	--	(1,282)
OPERATION AND MAINTENANCE SUPP INFO (OMSI)	LS	--	--	(800)
SUSTAINABILITY AND ENERGY FEATURES	LS	--	--	(1,000)
SUPPORTING FACILITIES				14,397
MECHANICAL UTILITIES	LS	--	--	(900)
PAVING AND SITE IMPROVEMENTS	LS	--	--	(6,161)
SITE PREPARATIONS	LS	--	--	(4,326)
ELECTRICAL UTILITIES	LS	--	--	(800)
SPECIAL FOUNDATION FEATURES	LS	--	--	(2,210)

ESTIMATED CONTRACT COST				57,589
CONTINGENCY (5%)				2,879

SUBTOTAL				60,468
SUPERVISION, INSPECTION AND OVERHEAD (5.7%)				3,447

SUBTOTAL				63,915
DESIGN BUILD DESIGN COST (4%)				2,304

TOTAL REQUEST				66,219
TOTAL REQUEST (ROUNDED)				66,218
EQUIPMENT FROM OTHER APPROPRIATIONS (NON ADDITIVE)				(6,200)

10. Description of Proposed Construction: Constructs a SEAL Team Operations Facility at the Naval Base Coronado Coastal Campus. Facility will support a variety of functions including operational gear storage, applied instruction, administrative, communications laboratory and includes both interior and exterior operational load out spaces. Construction will be a mix of concrete masonry unit (CMU), tilt up concrete panels, and steel frame with metal panels on concrete foundation. Project includes all pertinent site improvements and site preparations, mechanical and electrical utilities, telecommunications, pile foundation, emergency generator, landscaping, fencing, 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.

11. Requirement: 11,241 SM (121,000 SF) **Adequate:** 0 SM **Substandard:** 4,088 SM (44,000 SF)
PROJECT: Constructs a facility to support SEAL Team ONE operations and a facility to support

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1. Component	FY2018 MILITARY CONSTRUCTION PROJECT DATA		2. Date
USSOCOM			MAY 2017
3. Installation and Location/UIC:		4. Project Title	
NAVAL BASE CORONADO, CALIFORNIA		SOF SEAL TEAM OPS FACILITY	
5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
1140494BB	140	P892	66,218

Mobile Communications Detachment (MCD).

REQUIREMENT: SEAL Team ONE is a maritime multi-purpose force organized, trained, and equipped to conduct a variety of special missions in all operational environments and threat conditions including counter terrorism, counter proliferation, direct action missions, unconventional warfare, security force assistance and personnel recovery. The Mobile Communications Detachment is responsible for providing operational communications support to SEAL Teams, SEAL Delivery Vehicle Teams, and to Special Boat Squadrons. It organizes, trains, and integrates new equipment and developing tactics to provide the highest quality Naval Special Warfare communications operations and support, and prepares, implements, and reviews communications plans in coordination with higher authority, Naval Special Warfare Command components and other fleet and joint units.

CURRENT SITUATION: SEAL Team ONE is currently accommodated in a portion of building 614 (12,500 SF) and a portion of B-631 (31,500 SF) on the ocean side of Naval Amphibious Base (NAB) Coronado that meets 46% of the operational requirement. CONEX boxes and MILVANs support operational gear storage. Limited operational load out spaces in the interior and exterior of these buildings increases deployment preparation time and hinders training load-outs. FY13 P-915 SOF Mobile Communications Detachment Facility scoping failed to adequately address space requirements for communications equipment storage or communications laboratory. These requirements are currently being met in building 402, the old NAB Coronado Base Theatre that was converted for Mobile communications Detachment use in 2009. P-892 is integral to the phased capital improvements plan at NAB Coronado. FY18 P-855 SOF Basic Training Command will demolish building 614 and renovate building 631 to meet Naval Special Warfare Center Basic Training Command requirements.

IMPACT IF NOT PROVIDED: If this project is not provided, SEAL Team ONE will continue to utilize obsolete, undersized and poorly configured facilities. Gear and equipment that should be stored in a climate controlled environment will continue to be stored in CONEX boxes and MILVANS, degrading equipment more rapidly and increasing lifecycle replacement costs. Due to space limitations, SEAL Team ONE has split operations in two facilities to provide additional operational space needed for mission readiness. These facilities were not designed to meet current SEAL Team force structure and mission requirements and impede day to day operations and mission planning. Organizational effectiveness, operational efficiency and quality of life will continue to be compromised. Mobile Communications Detachment will continue to utilize building 402, the old NAB Coronado Base theatre, fragmenting operations from a facility constructed at the Coastal Campus.

ADDITIONAL: No life cycle costs have been calculated at this time. This project is also in compliance with current seismic requirements. 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 Standard for Buildings. 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

1. Component	FY2018 MILITARY CONSTRUCTION PROJECT DATA	2. Date
USSOCOM		MAY 2017

3. Installation and Location/UIC:	4. Project Title
NAVAL BASE CORONADO, CALIFORNIA	SOF SEAL TEAM OPS FACILITY

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
1140494BB	140	P892	66,218

Title 10, Section 165.

12. Supplemental Data:

A. Design Data (Estimates)

(1) Status	
(a) Date Design Started	Jan 17
(b) Percent Complete as of January 2017	0%
(c) Date Design 35% Complete	Aug 17
(d) Date Design 100% Complete	Aug 18
(e) Parametric Cost Estimates Used to Develop Costs	Yes
(f) Type of Design Contract	Design Build
(g) Energy Study and Life Cycle Analysis Performed	No
(2) Basis	
(a) Standard or Definitive Design Used	No
(b) Where Design Was Previously Used	N/A
(3) Total Cost	($000)
(a) Production of Plans and Specification	2,976
(b) All Other Design Costs	992
(c) Total Cost (a + b or d + e)	3,968
(d) Contract Cost	2,976
(e) In-House Cost	992
(4) Contract Award Date	May 18
(5) Construction Start Date	Jan 19
(6) Construction Completion Date	Jul 20

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	2,674
C4I Equipment	O&M, D-W	2020	1,873
Collateral Equipment	PROC, D-W	2020	834
C4I Equipment	PROC, D-W	2020	819

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1. Component	FY2018 MILITARY CONSTRUCTION PROJECT DATA	2. Date
USSOCOM		MAY 2017

3. Installation and Location/UIC:	4. Project Title
NAVAL BASE CORONADO, CALIFORNIA	SOF SEAL TEAM OPS FACILITY

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
1140494BB	140	P964	50,265

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
PRIMARY FACILITY				33,126
SEAL TEAM OPS FACILITY (CC 14325) (96,000 SF)	SM	8,918	3,400	(30,321)
ANTI-TERRORISM/FORCE PROTECTION	LS	--	--	(546)
BUILT-IN EQUIPMENT	LS	--	--	(760)
SPECIAL COSTS	LS	--	--	(492)
OPERATION AND MAINTENANCE SUPP INFO (OMSI)	LS	--	--	(515)
SUSTAINABILITY AND ENERGY FEATURES	LS	--	--	(492)
SUPPORTING FACILITIES				10,588
MECHANICAL UTILITIES	LS	--	--	(615)
PAVING AND SITE IMPROVEMENTS	LS	--	--	(4,535)
SITE PREPARATIONS	LS	--	--	(2,704)
ELECTRICAL UTILITIES	LS	--	--	(570)
SPECIAL FOUNDATION FEATURES	LS	--	--	(2,164)

ESTIMATED CONTRACT COST				43,714
CONTINGENCY (5%)				2,186

SUBTOTAL				45,900
SUPERVISION, INSPECTION AND OVERHEAD (5.7%)				2,616

SUBTOTAL				48,516
DESIGN BUILD DESIGN COST (4%)				1,749

TOTAL REQUEST				50,265
TOTAL REQUEST (ROUNDED)				50,265
EQUIPMENT FROM OTHER APPROPRIATIONS (NON ADDITIVE)				(6,200)

10. Description of Proposed Construction: Constructs a SEAL Team Operations Facility at the Naval Base Coronado Coastal Campus. Facility will support a variety of functions including operational gear storage, applied instruction, administrative, and includes both interior and exterior operational load out spaces. Construction will be a mix of concrete masonry unit (CMU), tilt up concrete panels, and steel frame with metal panels on concrete foundation. Project includes all pertinent site improvements and site preparations, mechanical and electrical utilities, telecommunications, pile foundation, emergency generator, landscaping, fencing, 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.

11. Requirement: 8,918 SM (96,000 SF) **Adequate:** 0 SM **Substandard:** 4,088 SM (44,000 SF)
PROJECT: Constructs a facility to support SEAL Team THREE operations.
REQUIREMENT: SEAL Team THREE is a maritime multi-purpose force organized, trained, and equipped to conduct a variety of special missions in all operational environments and threat

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1. Component	FY2018 MILITARY CONSTRUCTION PROJECT DATA	2. Date
USSOCOM		MAY 2017

3. Installation and Location/UIC:	4. Project Title
NAVAL BASE CORONADO, CALIFORNIA	SOF SEAL TEAM OPS FACILITY

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
1140494BB	140	P964	50,265

conditions including counter terrorism, counter proliferation, direct action missions, unconventional warfare, security force assistance and personnel recovery.

CURRENT SITUATION: SEAL Team THREE is currently accommodated in a portion of building 616 (12,500 SF) and a portion of B-631 (31,500 SF) on the ocean side of Naval Amphibious Base Coronado that meets 46% of the operational requirement. CONEX boxes and MILVANs support operational gear storage. Limited operational load out spaces in the interior and exterior of these buildings increases deployment preparation time and hinders training load-outs and day to day operations. Project is integral to the phased capital improvements plan at NAB Coronado. FY18 P-855 SOF Basic Training Command will demolish building 616 and renovate building 631 to meet Naval Special Warfare Center Basic Training Command requirements.

IMPACT IF NOT PROVIDED: If this project is not provided, SEAL Team THREE will continue to utilize obsolete, undersized and poorly configured facilities. Gear and equipment that should be stored in a climate controlled environment will continue to be stored in CONEX boxes and MILVANS, degrading equipment more rapidly and increasing lifecycle replacement costs. Due to space limitations, SEAL Team THREE has split operations in two facilities to provide additional operational space needed for mission readiness. These facilities were not designed to meet current SEAL Team force structure and mission requirements and impede day to day operations and mission planning. Organizational effectiveness, operational efficiency and quality of life will continue to be compromised.

ADDITIONAL: No life cycle costs have been calculated at this time. 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 Standard for Buildings. This project is also 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. Design Data (Estimates)

(1) Status

(a) Date Design Started	Jan 17
(b) Percent Complete as of January 2017	0%
(c) Date Design 35% Complete	Aug 17
(d) Date Design 100% Complete	Aug 18
(e) Parametric Cost Estimates Used to Develop Costs	Yes
(f) Type of Design Contract	Design Build
(g) Energy Study and Life Cycle Analysis Performed	No

(2) Basis

(a) Standard or Definitive Design Used	No
(b) Where Design Was Previously Used	N/A

1. Component	FY2018 MILITARY CONSTRUCTION PROJECT DATA	2. Date
USSOCOM		MAY 2017

3. Installation and Location/UIC:	4. Project Title
NAVAL BASE CORONADO, CALIFORNIA	SOF SEAL TEAM OPS FACILITY

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
1140494BB	140	P964	50,265

	($000)
(3) Total Cost	
(a) Production of Plans and Specification	2,260
(b) All Other Design Costs	753
(c) Total Cost (a + b or d + e)	3,013
(d) Contract Cost	2,260
(e) In-House Cost	753
(4) Contract Award Date	Jun 18
(5) Construction Start Date	Jan 19
(6) Construction Completion Date	Jan 21

B. Equipment Associated With This Project Which Will be Provided From Other Appropriations:

Equipment Nomenclature	Procuring Appropriation	FY Appropriated Requested	Cost ($000)
Collateral Equipment	O&M, D-W	2020	2,674
C4I Equipment	O&M, D-W	2020	1,873
Collateral Equipment	PROC, D-W	2020	834
C4I Equipment	PROC, D-W	2020	819

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1. COMPONENT	FY 2018 MILITARY CONSTRUCTION PROGRAM	2. DATE
USSOCOM		MAY 2017

3. INSTALLATION AND LOCATION	4. COMMAND	5. AREA CONSTRUCTION COST INDEX
EGLIN AUXILIARY FIELD # 3, FLORIDA	AIR FORCE SPECIAL OPERATIONS COMMAND	0.84

6. PERSONNEL STRENGTH

	PERMANENT			STUDENTS			SUPPORTED			
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF SEP 16	0	0	0	0	0	0	68	145	32	245
B. END FY 22	0	0	0	0	0	0	150	268	16	434

7. INVENTORY DATA ($000)

A. TOTAL AREA (ACRES)	1,945
B. INVENTORY TOTAL AS OF SEP 16	680,041
C. AUTHORIZATION NOT YET IN INVENTORY (FY 16-17)	0
D. AUTHORIZATION REQUESTED IN THIS PROGRAM (FY 18)	5,000
E. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM (FY 19)	0
F. PLANNED IN NEXT THREE YEARS (FY 20-22)	15,000
G. REMAINING DEFICIENCY	0
H. GRAND TOTAL	700,041

8. PROJECTS REQUESTED IN THIS PROGRAM:

CATEGORY CODE	PROJECT TITLE	SCOPE	COST ($000)	DESIGN STATUS START	DESIGN STATUS COMPLETE
171	SOF SIMULATOR FACILITY (C-146)	752 SM (8,100 SF)	5,000	08/17	03/18

9. FUTURE PROJECTS

CATEGORY CODE	PROJECT TITLE	SCOPE	COST ($000)
a. Included in Following Program (FY19)			
NONE			
b. Planned Next Three Years (FY20-22):			
141	SOF COMBINED SQUADRON OPERATIONS FAC	2,740 SM (29,500)	15,000

c. RPM Backlog: N/A

10. MISSION OR MAJOR FUNCTION

Special Operations Wing with Aviation Foreign Internal Defense (AvFID) C-145 and Non-Standard Aviation Medium (NSAvM) C-146 aircraft special operations squadrons.

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES: N/A

1. Component	FY 2018 MILITARY CONSTRUCTION PROJECT DATA	2. Date
USSOCOM		MAY 2017

3. Installation and Location/UIC:	4. Project Title:
EGLIN AIR FORCE BASE AUXILIARY FIELD #3, FLORIDA	SOF SIMULATOR FACILITY

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
1140494BB	171	FTFA163001	5,000

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
PRIMARY FACILITY				2,927
SIMULATOR FACILITY (CC17121) (8,100 SF)	SM	752	3,816	(2,870)
SUSTAINABILITY AND ENERGY FEATURES	LS	--	--	(57)
SUPPORTING FACILITIES				1,578
UTILITIES	LS	--	--	(309)
PAVEMENTS	LS	--	--	(254)
SITE IMPROVEMENTS	LS	--	--	(591)
COMMUNICATIONS	LS	--	--	(143)
SPECIAL SITE CONDITIONS	LS	--	--	(160)
PASSIVE FORCE PROTECTION MEASURES	LS	--	--	(121)

SUBTOTAL				4,505
CONTINGENCY (5%)				225

TOTAL CONTRACT COST				4,730
SUPERVISION, INSPECTION AND OVERHEAD (5.7%)				270

TOTAL REQUEST				5,000
TOTAL REQUEST (ROUNDED)				5,000
EQUIPMENT FROM OTHER APPROPRIATIONS (NON-ADD)				(800)

10. Description of Proposed Construction: Facility shall have foundation and floor slab, structural framing, insulated walls, sloped roof, environmental control, fire detection and suppression and all necessary support. Functional areas include: offices, Weapon System Trainer (WST) high bay, Visual Threat Recognition and Avoidance Trainer (VTRAT), Night Vision Goggles (NVG) room, computer room, maintenance area, supply/spares room, brief/debrief rooms, lobby, break room, communications room, secure communications room, etc. includes utilities, pavements, site improvements, communications and all other necessary support. Project provides relocation of perimeter fencing, new road access with associated primary utilities and realignment of existing as required. Special site conditions exist which will possibly require extra clearing, additional fill and stabilization of the site. 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: 6,391 SM (68,800 SF) **Adequate:** 0 SM **Substandard:** 5,639 SM (60,700 SF)
PROJECT: Construct C-146A simulator facility for Non-Standard Aviation Medium (NSAvM).
REQUIREMENT: Readiness Aircrew Training Program Tasking Memo (RTM) requires all C146 pilots and loadmasters accomplish initial qualification training followed by recurring refresher training every 17 months. Pilots initial and refresher training is accomplished via a flight simulator. Loadmasters accomplish part of the initial and refresher training in the simulator also. In addition to initial and refresher training, RTM requires a fixed number of flying events to maintain proficiency and mission qualifications. Air Force Instruction (AFI) 11-290, Cockpit/Crew

1. Component	FY 2018 MILITARY CONSTRUCTION PROJECT DATA	2. Date
USSOCOM		MAY 2017

3. Installation and Location/UIC:	4. Project Title:
EGLIN AIR FORCE BASE AUXILIARY FIELD #3, FLORIDA	SOF SIMULATOR FACILITY

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
1140494BB	171	FTFA163001	5,000

Resource Management (CRM) Training Program requires pilots and loadmasters perform CRM training. This provides crewmembers with performance enhancing knowledge and skills directly applicable to their roles in the aerospace mission of the Air Force to maximize operational effectiveness and combat capability.

CURRENT SITUATION: AFSOC sends 30+ pilots to Canada for Dornier 328 (civilian version of the C-146A) aircraft qualification and refresher training, respectively at a cost of $2.7M/year. The civilian flight simulator is not capable of providing any training for loadmasters. The commercial simulator is inadequate for mission qualification training due to the lack of simulator fidelity and differences from the C-146A aircraft. Consequently, additional flying hours, taken from the aircraft flying hours, are required (10 hours/pilot) when they complete the commercial simulator aircraft qualification training. All other training (currency, pre-deployment, upgrade, etc.) must be done in the aircraft until the WST is fielded. Having the WST will allow fifty percent of each pilot's currency requirements to be done in the simulator versus the aircraft. The WST will also allow pilots to perform emergency procedures and tactical maneuvers that otherwise cannot be done in the aircraft due to safety, environmental, or local training restrictions. The WST is funded in FY16 with a ready for training date in third quarter FY17. Project is late to need. A temporary facility is being pursued to house the device in the interim.

IMPACT IF NOT PROVIDED: Without a simulator facility, the AFSOC will continue to spend $2.7 million per year in commercial simulator training, $1.1 million for the added initial qualification flying hours and 100 percent of upgrade and continuation training in the aircraft. Eventual use of the temporary facility will reduce these overall annual costs, but interim temporary facilities should not exceed five year permanent MILCON replacement otherwise it does not meet the DoD's intent to keep these interim facilities to a minimum.

ADDITIONAL: This project meets the criteria/scope specified in Air Force Manual 32-1084, "Facility Requirements." An economic analysis will be required based on AFI 65-501 Section1.22 and is pending. 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 Standard for Buildings. Project is not sited in a 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. Design Data (Estimates)

(1) Status

(a) Date Design Started	Apr 17
(b) Percent Complete as of January 2017	0%
(c) Date Design 35% Complete	Aug 17
(d) Date Design 100% Complete	Mar 18
(e) Parametric Cost Estimates Used to Develop Costs	Yes
(f) Type of Design Contract	Design-Bid-Build

1. Component	FY 2018 MILITARY CONSTRUCTION PROJECT DATA	2. Date
USSOCOM		MAY 2017

3. Installation and Location/UIC:	4. Project Title:
EGLIN AIR FORCE BASE AUXILIARY FIELD #3, FLORIDA	SOF SIMULATOR FACILITY

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
1140494BB	171	FTFA163001	5,000

(g) Energy Study and Life Cycle Analysis Performed	No
(2) Basis	
(a) Standard or Definitive Design Used	No
(b) Where Design Was Previously Used	N/A
(3) Total Cost	($000)
(a) Production of Plans and Specification	300
(b) All Other Design Costs	200
(c) Total Cost (a + b or d + e)	500
(d) Contract Cost	330
(e) In-House Cost	170
(4) Construction Contract Award Date	Aug 18
(5) Construction Start Date	Oct 18
(6) Construction Completion Date	Jan 20

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	300
Collateral Equipment	PROC	2020	400
C4I Equipment	O&M, D-W	2020	100

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1. COMPONENT	FY 2018 MILITARY CONSTRUCTION PROGRAM	2. DATE
USSOCOM		MAY 2017

3. INSTALLATION AND LOCATION	4. COMMAND	5. AREA CONSTRUCTION COST INDEX
HURLBURT FIELD, FLORIDA	AIR FORCE SPECIAL OPERATIONS COMMAND	0.84

6. PERSONNEL STRENGTH

	PERMANENT			STUDENTS			SUPPORTED			
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF SEP 16	1188	4616	1046	111	211	0	186	879	452	8689
B. END FY 22	1228	4528	1057	111	211	0	174	875	427	8611

7. INVENTORY DATA ($000)

A. TOTAL AREA (ACRES)	6,341
B. INVENTORY TOTAL AS OF SEP 16	1,468,018
C. AUTHORIZATION NOT YET IN INVENTORY (FY 16-17)	18,200
D. AUTHORIZATION REQUESTED IN THIS PROGRAM (FY 18)	46,400
E. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM (FY19)	0
F. PLANNED IN NEXT THREE YEARS (FY 20-22)	125,455
G. REMAINING DEFICIENCY	80,500
H. GRAND TOTAL	1,738,573

8. PROJECTS REQUESTED IN THIS PROGRAM:

CATEGORY CODE	PROJECT TITLE	SCOPE	COST ($000)	DESIGN STATUS START	DESIGN STATUS COMPLETE
113	SOF COMBAT AIRCRAFT PARKING APRON	53,667 SM (577,700 SF)	34,700	10/16	08/17
171	SOF SIMULATOR AND FUSELAGE TRAINER FACILITY	2,121 SM (22,800 SF)	11,700	10/16	08/17

9. FUTURE PROJECTS

CATEGORY CODE	PROJECT TITLE	SCOPE	COST ($000)
a. Included in Following Program (FY19)			
NONE			
b. Planned Next Three Years (FY20-22):			
171	SOF MAINTENANCE TRAINING FACILITY	3,418 SM (36,800 SF)	12,565
141	SOF SPECIAL TACTICS OPERATIONS FACILITY	8,138 SM (87,600 SF)	30,804
141	SOF HUMAN PERFORMANCE TRAINING CENTER	1,393 SM (15,000 SF)	7,500
211	SOF AIRCRAFT MAINTENTANCE UNIT AND WEAPONS HANGAR	7,952 SM (85,600 SF)	29,528
141	SOF COMBINED SQUADRON OPERATIONS FAC	3,233 SM (34,800 SF)	7,453
171	SOF SMALL ARMS RANGE	4,791 SM (51,600 SF)	23,505
113	SOF COMBAT AIRCRAFT PARKING APRON NORTH	45,728 SM (54,700 SY)	14,100

c. RPM Backlog: N/A

10. MISSION OR MAJOR FUNCTION

The primary mission of the 1st SOW at Hurlburt Field is to rapidly plan and execute specialized and contingency operations in support of national priorities. The wing's core missions include close air support, precision aerospace firepower, specialized aerospace mobility, intelligence, surveillance and reconnaissance (ISR) operations, and agile combat support. Hurlburt AFB supports MC-130, AC-130, CV-22, Non-Standard Aviation (NSA), and special operations squadrons.

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES: N/A

1. Component	FY 2018 MILITARY CONSTRUCTION PROJECT DATA	2. Date
USSOCOM		MAY 2017

3. Installation and Location/UIC:	4. Project Title:
HURLBURT FIELD, HURLBURT FIELD SITE # 1, FLORIDA	SOF COMBAT AIRCRAFT PARKING APRON

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
1140494BB	113	FTEV153008	34,700

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
PRIMARY FACILITY				9,119
APRON (CC 11332) (43,500 SY)	SM	36,372	169	(6,147)
SHOULDERS (CC 11664) (10,700 SY)	SM	8,947	109	(975)
TAXIWAYS (CC 11221) (7,050 SY)	SM	5,896	164	(967)
ANCILLARY EXPLOSIVES FACILITY (CC 44227) (2,900 SY)	SM	2,452	347	(851)
SUSTAINABILITY AND ENERGY FEATURES	LS	-	-	(179)
SUPPORTING FACILITIES				22,147
UTILITIES	LS	-	-	(491)
SITE IMPROVEMENTS	LS	-	-	(437)
PAVEMENT (ACCESS ROAD)	SM	1,758	65	(114)
COMMUNICATION	LS	-	-	(112)
STORM WATER TREATMENT SYSTEM	LS	-	-	(600)
DEMOLITION (PAVEMENT)	LS	-	-	(109)
WETLAND REMEDIATION	LS	-	-	(4,216)
SPECIAL SITE CONDITIONS	LS	-	-	(16,022)
PASSIVE FORCE PROTECTION MEASURES	LS	-	-	(46)

SUBTOTAL				31,266
CONTINGENCY (5%)				1,563

TOTAL CONTRACT COST				32,829
SUPERVISION, INSPECTION AND OVERHEAD (5.7%)				1,871

TOTAL REQUEST				34,700
TOTAL REQUEST (ROUNDED)				34,700
EQUIPMENT FROM OTHER APPROPRIATIONS (NON-ADD)				(0.0)

10. Description of Proposed Construction: Construct combat aircraft parking apron (three C-130 capable spots) with associated taxiways, shoulders, and ancillary explosives facility. Work includes subgrade and sub-base work, drainage to include new storm water treatment, airfield lighting, grounding, mooring, and marking. Includes utilities, utility sleeves under pavements, site improvements, communications, pavements demolition, wetlands mitigation and all other necessary support. Special site conditions include dewatering well points, removal of muck and replacement with compacted suitable fill. Also, includes utilities, pavements, site improvements, communications, pavement demolition, passive force protection and all other necessary support. 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: 821,834 SM(982,900 SY) **Adequate:** 715,768 SM(856,000 SY) **Substandard:** 399 SM (477 SY)
PROJECT: Construct a Combat Aircraft Parking Apron (CAPA).
REQUIREMENT: This project constructs a CAPA capable of supporting three munitions loaded

1. Component	FY 2018 MILITARY CONSTRUCTION PROJECT DATA	2. Date
USSOCOM		MAY 2017

3. Installation and Location/UIC:	4. Project Title:
HURLBURT FIELD, HURLBURT FIELD SITE # 1, FLORIDA	SOF COMBAT AIRCRAFT PARKING APRON

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
1140494BB	113	FTEV153008	34,700

aircraft. New weapons loading requirements drive an additional parking apron that is sited for the Net Explosive Weight/ Quantity Distance (NEW/QD) associated with new munitions to be used by the AFSOC fleet of aircraft to include gunship recapitalization and growth of the fleet by FY25.

CURRENT SITUATION: Current airfield parking ramp prohibits the loading of any 1.1 Hazard Class munitions and each parking spot is limited to a maximum of 195 NEW/QD. The legacy gunships are loaded with 1.1 Hazard Class munitions while enroute to the end of runway after taxi start. The aircrew temporarily park at Hot Cargo, and 105MM and 40MM ammunition is passed through the crew door and hand loaded by aircrew members onto Ammunitions Storage and Handling Systems, an operation that takes about 20 minutes. New higher NEW/QD munitions under present conditions require the aircraft maintainers to upload before the crew shows to the aircraft, and can take up to 5 hours to complete a single load, depending on the required configuration. The NEW/QD arc ratings for the above munitions are such that, once combined, they quickly exceed the limit of 195, which greatly restricts the load configurations and parking spots that can be used on the current ramp. The only available alternative will be to use the Hot Cargo pad for most gunship loading operations. The current Hot Cargo pad is limited in gunship capacity depending on the load configuration (minimum of 2, maximum of 4), if used in this manner will not meet intended mission tasking. This small number of parking spots combined with the increased length of time it takes to load the aircraft is inadequate to support both the CONPLAN and regular training operations. The total apron requirement of 6 CAPA spots is the minimum needed to generate an adequate number of primary and spare aircraft within the prescribed timelines in support of no-fail CONPLAN tasking. This project is timed to support initial requirements based on aircraft recapitalization. A second project FTEV153011 SOF CAPA (North), constructs the remaining three spots on a separate site timed for the later increased gunship inventory.

IMPACT IF NOT PROVIDED: 1st Special Operations Wing (1 SOW) will be limited in ability to load gunships with their new primary munitions, and will incur risk to meeting CONPLAN requirements. Loading of 1.1 Hazard Class munitions is not possible on any current parking spot, and loading of the 1.2.X Hazard Class munitions will be restricted depending on the munitions configuration due to NEW/QD restrictions. The remaining available C-130 capable parking spots are spread out over nearly a 1.5-mile span from the current Aircraft Maintenance Unit (AMU) facility. Without this project, sortie generation will be negatively impacted due to delays caused by excessive travel time to and from the AMU (5.5 hours spanning 50 miles over three shifts to generate a single aircraft). Further delays in aircraft generation will be caused due to excessive aircraft tow requirements driven by the need to load aircraft on parking spots with adequate NEW/QD capacity (up to 2.5 hours per round trip tow totaling as much as 20 man-hours). All of these impacts will result in lower combat readiness of the gunships due to increased non-mission capable rates, and reduced overall aircrew training effectiveness.

ADDITIONAL: This project meets the criteria/scope specified in Air Force Manual 32-1084, "Facility Requirements" and the criteria/scope for CAPA parking apron specified in the AFSOC unique standard facilities requirements guidance to AFMAN 32-1084 (“AFSOC Facilities Requirements Document”). An economic analysis is pending. This project will provide Anti-

1. Component	FY 2018 MILITARY CONSTRUCTION PROJECT DATA	2. Date
USSOCOM		MAY 2017

3. Installation and Location/UIC:	4. Project Title:
HURLBURT FIELD, HURLBURT FIELD SITE # 1, FLORIDA	SOF COMBAT AIRCRAFT PARKING APRON

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
1140494BB	113	FTEV153008	34,700

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 Standard for Buildings. Project is sited in a 100-year floodplain; mitigation measures will be incorporated in the project.

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. Design Data (Estimates)

(1) Status	
(a) Date Design Started	Oct 16
(b) Percent Complete as of January 2017	35%
(c) Date Design 35% Complete	Jan 17
(d) Date Design Complete	Aug 17
(e) Parametric Estimates Used to Develop Cost	Yes
(f) Type of Design Contract	Design-Bid-Build
(g) Energy Study and Life Cycle Analysis Performed	No
(2) Basis	
(a) Standard or Definitive Design Used	No
(b) Where Design Was Previously Used	N/A
(3) Total Design Cost	($000)
(a) Production of Plans and Specifications	2,082
(b) All Other Design Costs	1,041
(c) Total Cost (a + b) or (d + e)	3,123
(d) Contract Cost	2,082
(e) In-House Cost	1,041
(4) Construction Contract Award Date	Apr 18
(5) Construction Start Date	Jun 18
(6) Construction Completion Date	Sep 20

B. Equipment Associated With This Project Which Will be Provided From Other Appropriations: None

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1. Component	FY 2018 MILITARY CONSTRUCTION PROJECT DATA	2. Date
USSOCOM		MAY 2017

3. Installation and Location/UIC:	4. Project Title:
HURLBURT FIELD, HURLBURT FIELD SITE # 1, FLORIDA	SOF SIMULATOR AND FUSELAGE TRAINER FACILITY

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
1140494BB	171	FTEV153003	11,700

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
PRIMARY FACILITY				8,249
SIMULATOR FACILITY (CC17121) (22,800 SF)	SM	2,121	3,813	(8,087)
SUSTAINABILITY AND ENERGY FEATURES	LS	-	-	(162)
SUPPORTING FACILITIES				1,926
UTILITIES	LS	-	-	(1,165)
PAVEMENTS	LS	-	-	(283)
SITE IMPROVEMENTS	LS	-	-	(225)
COMMUNICATIONS	LS	-	-	(135)
DEMOLITION (PAVEMENT)	LS	-	-	(77)
PASSIVE FORCE PROTECTION MEASURES	LS	-	-	(41)

SUBTOTAL				10,175
CONTINGENCY (5%)				509

TOTAL CONTRACT COST				10,684
SUPERVISION, INSPECTION AND OVERHEAD (5.7%)				609

SUBTOTAL				11,293
DESIGN/BUILD – DESIGN COST (4.0% OF SUBTOTAL)				407

TOTAL REQUEST				11,700
TOTAL REQUEST (ROUNDED)				11,700
EQUIPMENT FROM OTHER APPROPRIATIONS (NON-ADD)				(900)

10. Description of Proposed Construction: Construct climate controlled building with reinforced concrete foundation and floor slab, steel structure, masonry walls, standing seam metal roof, fire protection, mass notification and all necessary support. Functional areas include flight simulator bay, computer server room, aft cabin trainer, gun training room, fuselage trainer bay, mission planning/ briefing rooms, and office space for instructors/students, individual offices for supervision/flight leadership, and classrooms. Also, includes utilities, pavements, site improvements, communications, pavement demolition, passive force protection and all other necessary support. 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: 15,805 SM (170,100 SF) **Adequate:** 13,684 SM (147,300 SF) **Substandard:** 0 SM

PROJECT: Construct AC-130J Simulator and Fuselage Trainer Facility.

REQUIREMENT: Construct a simulator facility to successfully execute all new and existing 19th Special Operation Squadron (19th SOS) mission responsibilities. The new facility is required to support the influx of new active duty, reserve and contract instructors for the new AC-130J program. Provide instructors and students with a facility conducive to proper training for the AC-

1. Component	FY 2018 MILITARY CONSTRUCTION PROJECT DATA	2. Date
USSOCOM		MAY 2017

3. Installation and Location/UIC:	4. Project Title:
HURLBURT FIELD, HURLBURT FIELD SITE # 1, FLORIDA	SOF SIMULATOR AND FUSELAGE TRAINER FACILITY

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
1140494BB	171	FTEV153003	11,700

130J Aircrew Training Program.

CURRENT SITUATION: The 19th SOS has recently had the AC-130J program and additional MC-130H aircrew training requirements added. The existing facility does not have adequate space to house the new AC-130J Weapons Systems Trainers (Simulator and Fuselage), administration, office, and classroom space to train the required number of instructors, staff and students. There are no adequate facilities on base that could be used or converted to satisfy this requirement.

IMPACT IF NOT PROVIDED: Without this project, the new and current mission requirement cannot be satisfied with undersized and inadequate facilities, lowering the quality of the training experience. Student and staff growth will be limited to space availability, therefore course expansion and subject improvement will be limited. Additionally, AC-130J aircrew combat readiness will be diminished because of the inability to maintain qualification and currency in the aircraft. If the facility is not completed on time, on site simulator build-up and acceptance testing will be delayed, simulator is scheduled to arrive in FY20.

ADDITIONAL: This project meets the criteria/scope specified in Air Force Manual 32-1084, "Facility Requirements." An economic analysis is pending. 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 Standard for Buildings. Project is not sited in a 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. Design Data (Estimates)	
(1) Status	
(a) Date Design Started	Oct 16
(b) Percent Complete as of January 2017	35%
(c) Date Design 35% Complete	Jan 17
(d) Date Design 100% Complete	Mar 18
(e) Parametric Estimates Used to Develop Cost	Yes
(f) Type of Design Contract	Design-Build
(g) Energy Study and Life Cycle Analysis Performed	No
(2) Basis	
(a) Standard or Definitive Design Used	No
(b) Where Design Was Previously Used	N/A
(3) Total Design Cost	($000)
(a) Production of Plans and Specifications	468
(b) All Other Design Costs	234
(c) Total Cost (a + b) or (d + e)	702
(d) Contract Cost	468
(e) In-House Cost	234
(4) Construction Contract Award Date	Jan 18

1. Component	FY 2018 MILITARY CONSTRUCTION PROJECT DATA	2. Date
USSOCOM		MAY 2017

3. Installation and Location/UIC:	4. Project Title:
HURLBURT FIELD, HURLBURT FIELD SITE # 1, FLORIDA	SOF SIMULATOR AND FUSELAGE TRAINER FACILITY

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
1140494BB	171	FTEV153003	11,700

(5) Construction Start Date Apr 18
(6) Construction Completion Date Apr 20

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	400
Collateral Equipment	PROC, D-W	2020	400
C4I Equipment	O&M, D-W	2020	100

Air Force Special Operations Command
Telephone: (850) 884-2260

1. COMPONENT	FY 2018 MILITARY CONSTRUCTION PROGRAM	2. DATE
USSOCOM		MAY 2017

3. INSTALLATION AND LOCATION	4. COMMAND	5. AREA CONSTRUCTION COST INDEX
CANNON AFB, NEW MEXICO	AIR FORCE SPECIAL OPERATIONS COMMAND	0.99

6. PERSONNEL STRENGTH	PERMANENT			STUDENTS			SUPPORTED			
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF SEP 16	839	3799	425	46	44	0	6	153	7	5,319
B. END FY 22	837	3778	427	46	44	0	6	153	7	5,298

7. INVENTORY DATA ($000)

A. TOTAL AREA (ACRES)	4,542
B. INVENTORY TOTAL AS OF SEP 16	1,400,411
C. AUTHORIZATION NOT YET IN INVENTORY (FY 16-17)	24,711
D. AUTHORIZATION REQUESTED IN THIS PROGRAM (FY 18)	8,228
E. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM (FY19)	0
F. PLANNED IN NEXT THREE YEARS (FY 20-22)	29,800
G. REMAINING DEFICIENCY	110,300
H. GRAND TOTAL	1,573,450

8. PROJECTS REQUESTED IN THIS PROGRAM:

CATEGORY CODE	PROJECT TITLE	SCOPE	COST ($000)	DESIGN STATUS START	DESIGN STATUS COMPLETE
211	SOF C-130 AGE FACILITY	4,086 SM (44,000 SF)	8,228	10/16	03/18

9. FUTURE PROJECTS

CATEGORY CODE	PROJECT TITLE	SCOPE	COST ($000)
a. Included in Following Program (FY19)			
NONE			
b. Planned Next Three Years (FY20-22):			
141	SOF SQUADRON OPERATIONS FACILITY	1,951 SM (21,000 SF)	10,300
141	SOF MOBILITY AERIAL DELIVERY FACILITY	3,103 SM (33,400 SF)	19,500

c. RPM Backlog: N/A

10. MISSION OR MAJOR FUNCTION

The 27th Special Operations Wing at Cannon Air Force Base, New Mexico, is one of four Air Force active duty Special Operations wings within Air Force Special Operations Command. Cannon AFB supports MC-130W, MC-130J, AC-130H, AC-130J (RECAP), CV-22, Non-Standard Aviation (NSA), Remotely Piloted Aircraft (RPA) and Special Tactics special operations squadrons. The wing's core missions include close air support, agile combat support, information operations, precision strike, forward presence and engagement, intelligence, surveillance and reconnaissance operations, and specialized mobility.

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES: N/A

1. Component	FY 2018 MILITARY CONSTRUCTION PROJECT DATA	2. Date
USSOCOM		MAY 2017

3. Installation and Location/UIC:	4. Project Title:
CANNON AIR FORCE BASE, NEW MEXICO	SOF C-130 AGE FACILITY

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
1140494BB	211	CZQZ103006	8,228

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
PRIMARY FACILITY				6,110
ADD AGE MAINTENANCE SHOP (CC21871) (3,100 SF)	SM	284	3,172	(901)
ADD AGE COVERED STORAGE (CC21871) (28,500 SF)	SM	2,640	1,773	(4,681)
ALTER EXSTING GPMX TO AGE SHOP (CC21871) (12,100 SF)	SM	1,126	351	(395)
ALTER EXISTING GPMX (CC21812) (400 SF)	SM	36	351	(13)
SUSTAINABILITY AND ENERGY FEATURES	LS	--	--	(120)
SUPPORTING FACILITIES				1,046
UTILITIES	LS	--	--	(386)
PAVEMENTS	LS	--	--	(101)
SITE IMPROVEMENTS	LS	--	--	(292)
COMMUNICATIONS	LS	--	--	(237)
PASSIVE FORCE PROTECTION MEASURES	LS	--	--	(30)

ESTIMATED CONTRACT COST				7,156
CONTINGENCY (5%)				358

SUBTOTAL				7,514
SUPERVISION, INSPECTION AND OVERHEAD (5.7%)				428

SUBTOTAL				7942
DESIGN BUILD – DESIGN COSTS (4.0% OF SUBTOTAL)				286

TOTAL REQUEST				8,228
TOTAL REQUEST (ROUNDED)				8,228
EQUIPMENT FROM OTHER APPROPRIATIONS (NON-ADD)				(300)

10. Description of Proposed Construction: Construct addition to and alter the existing General Purpose Maintenance (GPMX) facility for C-130 Aircraft Ground Equipment (AGE) maintenance shop. Construct new covered storage for AGE equipment. Addition should be designed to match the existing building and new covered storage facility to match base architectural standards; concrete foundation and floor slab, steel frame, masonry walls, fire detection/suppression features, and sloped metal roof. Functional areas include open bay maintenance, administrative, latrines, storage space, dispatch, break room, etc. Supporting facilities include all associated utilities, site improvements, pavements, communications, and all other necessary support systems. 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: 6,161 SM (66,300 SF) **Adequate:** 2,075 SM (22,300 SF) **Substandard:** 1,162 SM (12,500 SF)
PROJECT: Add/Alter GPMX for C-130 AGE Facility
REQUIREMENT: A properly sized and configured AGE facility is required on the southeast side of the base to maintain all assigned powered and non-powered aircraft support equipment. The AGE facility must support all assigned C-130 maintenance and 525 pieces of equipment. The shop

1. Component	FY 2018 MILITARY CONSTRUCTION PROJECT DATA	2. Date
USSOCOM		MAY 2017

3. Installation and Location/UIC:	4. Project Title:
CANNON AIR FORCE BASE, NEW MEXICO	SOF C-130 AGE FACILITY

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
1140494BB	211	CZQZ103006	8,228

will provide space for inspection, servicing, maintenance, and repair of this equipment, office space, storage, and dispatch areas. Covered storage is required to store AGE after it has been repaired and is awaiting dispatch.

CURRENT SITUATION: The C-130 aircraft to be serviced are located on the southeast apron. The number of AGE pieces will increase to 806 base-wide as a result of the AC-130J bed-down. There is no facility on the southeast flight line that could be used or converted to an AGE facility of needed scope. Current AGE space on the north side is insufficient for the increase in equipment AGE has experienced in the last year. The existing northwest facility will maintain 281 pieces of equipment to support four squadrons flying three different aircraft (CV-22, U-28, and MQ-9) after C-130-specific support equipment is moved to the south side.

IMPACT IF NOT PROVIDED: The Wing will be forced to accept the safety risk and equipment deterioration associated with the 1,100 annual slow-speed AGE transits (15 MPH or less) on the 45 MPH perimeter road or by crossing the active runway. Personnel available to conduct AGE maintenance will also be reduced due to dedicating their shift to transporting AGE equipment to the Southeast Development from the northwest facility. A delay in repairs and staging of AGE equipment will impact the mission effectiveness of the 26 C-130 aircraft currently assigned to Cannon, as well as future AC-130Js that begin arriving in 3rd Quarter 2020. Delays in providing ground support can lead to extended hold time for crews and passengers during training and active military missions.

ADDITIONAL: This project meets the criteria/scope specified in Air Force Manual 32-1084, "Facility Requirements." Economic analysis is complete. 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 Standard for Buildings.

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. Design Data (Estimates)

(1) Status	
(a) Date Design Starts	Oct 16
(b) Percent Complete as of January 2017	5%
(c) Date Design 35% Complete	Apr 17
(d) Date Design Complete	Mar 18
(e) Parametric Estimates Used to Develop Cost	Yes
(f) Type of Design Contract	Design-Build
(g) Energy Study and Life Cycle Analysis Performed	No
(2) Basis	
(a) Standard or Definitive Design Used	No
(b) Where Design Was Previously Used	N/A
(3) Total Design Cost	($000)

1. Component	FY 2018 MILITARY CONSTRUCTION PROJECT DATA	2. Date
USSOCOM		MAY 2017

3. Installation and Location/UIC:	4. Project Title:
CANNON AIR FORCE BASE, NEW MEXICO	SOF C-130 AGE FACILITY

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
1140494BB	211	CZQZ103006	8,228

(a) Production of Plans and Specifications	0
(b) All Other Design Costs	492
(c) Total Cost (a + b or d + e)	492
(d) Contract Cost	328
(e) In-House Cost	164
(4) Contract Award Date	Jan 18
(5) Construction Start Date	Apr 18
(6) Construction Completion Date	Apr 20

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	240
C4I Equipment	O&M, D-W	2020	60

Air Force Special Operations Command
Telephone: (850) 884-2260

1. COMPONENT	FY 2018 MILITARY CONSTRUCTION PROGRAM	2. DATE
USSOCOM		MAY 2017

3. INSTALLATION AND LOCATION	4. COMMAND	5. AREA CONSTRUCTION COST INDEX
MARINE CORPS BASE CAMP LEJEUNE, NORTH CAROLINA	U.S. MARINE CORPS FORCES SPECIAL OPERATIONS COMMAND (MARSOC)	0.92

6. PERSONNEL STRENGTH

	PERMANENT			STUDENTS			SUPPORTED			
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF SEP 16	322	1739	177	20	140	0	0	0	0	2398
B. END FY 22	321	1904	191	20	140	0	0	0	0	2576

7. INVENTORY DATA ($000)

A. TOTAL AREA (ACRES)	156,000
B. INVENTORY TOTAL AS OF SEP 16	96,195
C. AUTHORIZATION NOT YET IN INVENTORY (FY 14-17)	163,673
D. AUTHORIZATION REQUESTED IN THIS PROGRAM (FY18)	31,339
E. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM (FY19)	0
F. PLANNED IN NEXT THREE YEARS (FY 20-22)	31,606
G. REMAINING DEFICIENCY	0
H. GRAND TOTAL	322,813

8. PROJECTS REQUESTED IN THIS PROGRAM:

CATEGORY CODE	PROJECT TITLE	SCOPE	COST ($000)	DESIGN STATUS START	DESIGN STATUS COMPLETE
171	SOF HUMAN PERFORMANCE TRAINING CENTER	2,400 SM (25,900 SF)	10,800	10/16	09/17
214	SOF MOTOR TRANSPORT MAINTENANCE EXPANSION	7,620 SM (82,000 SF)	20,539	10/16	09/17

9. FUTURE PROJECTS

CATEGORY CODE	PROJECT TITLE	SCOPE	COST ($000)
a. Included in Following Program (FY19)			
NONE			
b. Planned Next Three Years (FY20-22):			
610	SOF MARINE SPECIAL OPERATIONS REGIMENT HQ	2,787 SM (30,000 SF)	13,400
211	SOF PARALOFT EXPANSION	2,323 SM (25,000 SF)	6,106
179	SOF TRAINING TANK EXPANSION	3,170 SM (34,000 SF)	12,100

c. RPM Backlog: N/A

10. MISSION OR MAJOR FUNCTION

The mission of Marine Corps Base Camp Lejeune 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 that are 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 (GCC) employing Special Operations Forces (SOF).

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES N/A

1. Component	FY2018 MILITARY CONSTRUCTION PROJECT DATA	2. Date
USSOCOM		MAY 2017

3. Installation and Location/UIC:	4. Project Title:
MARINE CORPS BASE CAMP LEJEUNE, NORTH CAROLINA	SOF HUMAN PERFORMANCE TRAINING CENTER

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
1140494BB	171	P1362	10,800

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
PRIMARY FACILITIES				6,605
HUMAN PERFORMANCE FACILITIES (CC17120) (25,900 SF)	SM	2,400	2,700	(6,480)
OPERATIONS AND MAINTENANCE SUPPORT INFORMATION	LS	--	--	(25)
SUSTAINABILITY AND ENERGY FEATURES	LS	--	--	(100)
SUPPORTING FACILITIES				3,158
SPECIAL CONSTRUCTION FEATURES	LS	--	--	(274)
ELECTRICAL UTILITIES	LS	--	--	(262)
MECHANICAL UTILITIES	LS	--	--	(839)
PAVING AND IMPROVEMENTS	LS	--	--	(1597)
ENVIRONMENTAL MITIGATION	LS	--	--	(159)
PASSIVE FORCE PROTECTION MEASURES	LS	--	--	(27)

SUBTOTAL				9,763
CONTINGENCY (5.0%)				488

SUBTOTAL				10,251
SUPERVISION, INSPECTION AND OVERHEAD (5.7%)				584

TOTAL REQUEST				10,835
TOTAL REQUEST (ROUNDED)				10,800
EQUIPMENT PROVIDED FROM OTHER APPROPRIATIONS				(3,171)

10. Description of Proposed Construction: Construct a SOF Human Performance Training Center and miscellaneous supporting structures, outdoor track, modifications to RR136 and RR136A, utilities, parking, roadways, and site work. The structures will be single-story steel frame buildings with brick veneer over metal studs, standing seam metal roofs, metal soffits, translucent wall panels, and mezzanines. Built-in equipment includes commercial washer, commercial dryer, and casework. Special construction features include soil surcharge loads, wetlands mitigation, 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, compressed air, dehumidification, air conditioning systems, relocation of a chiller yard, and digital controls. Information systems include telephone, data, local area network, mass notification and intercom. Site work will include building utility systems, traffic control, parking, domestic water, fire protection water, sanitary sewer, sewage conveyance, propane gas networks, perimeter security fencing, gates, storm water management, fiber/copper communications, cable television, and area 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.

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1. Component	FY2018 MILITARY CONSTRUCTION PROJECT DATA	2. Date
USSOCOM		MAY 2017

3. Installation and Location/UIC:	4. Project Title:
MARINE CORPS BASE CAMP LEJEUNE, NORTH CAROLINA	SOF HUMAN PERFORMANCE TRAINING CENTER

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
1140494BB	171	P1362	10,800

11. Requirement: 2,400 SM (25,900 SF) **Adequate:** 0 SM **Substandard:** 0 SM

PROJECT: Construct a Human Performance Training Center tailored to support mission-focused physical requirements and demands in order to enable sustained peak performance for east 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 U.S. Marine Corps Forces Special Operations Command mission at the MARSOC Stone Bay Compound. A facility shortfall remains 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 the Special Operations Forces (SOF) unique training and operational requirements.

CURRENT SITUATION: The current inadequate interim Human Performance facilities will be vacated upon Stone Bay migration of 2D and 3D Marine Raider Battalions (MRB) from their geographically separate camps (11-19 miles away respectively).

IMPACT IF NOT PROVIDED: MARSOC will be unable to fully implement and realize maximum benefit of the Human Performance Program 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 the geographically separated interim facilities is impractical as they are scheduled for assignment to General Purpose Forces upon migration of 2D and 3D MRBs to Stone Bay. In addition, 2D and 3D MRB will have to use non-purpose-built storage warehouse spaces at Stone Bay for their interim Human Performance Program.

ADDITIONAL: No life cycle costs have been calculated at this time. 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 Standard for Buildings. Project construction is not within a designated 100-year floodplain. No flood mitigation measures required.

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. Design Data (Estimates)

(1) Status

(a) Date Design Started	Oct 16
(b) Percent Complete as of January 2017	15%
(c) Date Design 35% Complete	Mar 17
(d) Date Design 100% Complete	Sep 17
(e) Parametric Estimates Used to Develop Costs	No
(f) Type of Design Contract	Design Bid Build

1. Component	FY2018 MILITARY CONSTRUCTION PROJECT DATA	2. Date
USSOCOM		MAY 2017

3. Installation and Location/UIC:	4. Project Title:
MARINE CORPS BASE CAMP LEJEUNE, NORTH CAROLINA	SOF HUMAN PERFORMANCE TRAINING CENTER

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
1140494BB	171	P1362	10,800

(g) Energy Study and Life Cycle Analysis Performed	No
(2) Basis	
(a) Standard or Definitive Design Used	No
(b) Where Design Was Previously Used	N/A
(3) Total Design Cost	($000)
(a) Production of Plans and Specifications	1,149
(b) All Other Design Costs	287
(c) Total Cost (a + b or d + e)	1,436
(d) Contract Cost	1,292
(e) In-House Cost	144
(4) Construction Contract Award Date	Jan 18
(5) Construction Start Date	Mar 18
(6) Construction Completion Date	Mar 20

B. Equipment Associated With This Project Which Will be Provided From Other Appropriations:

Equipment Nomenclature	Procuring FY Appropriation	Appropriated or Requested	Cost ($000)
C4I Equipment	O&M, D-W	2019	300
Collateral Equipment	O&M, D-W	2019	2,736
C4I Equipment	PROC, D-W	2019	50
Collateral Equipment	PROC, D-W	2019	85

U.S. Marine Corps Forces Special Operations Command
Telephone: (910) 440-0725/0726

1. Component	FY2018 MILITARY CONSTRUCTION PROJECT DATA	2. Date
USSOCOM		MAY 2017

3. Installation and Location/UIC:	4. Project Title:
MARINE CORPS BASE CAMP LEJEUNE, NORTH CAROLINA	SOF MOTOR TRANSPORT MAINTENANCE EXPANSION

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
1140494BB	214	P1394	20,539

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
PRIMARY FACILITIES				16,423
VEHICLE MAINTENANCE (CC21451)(25,000 SF)	SM	2,322	2,200	(5,108)
BOAT MAINTENANCE (CC21358) (20,000 SF)	SM	1,859	2,200	(4,090)
APPLIED INSTRUCTION (CC17120) (16,000 SF)	SM	1,487	2,050	(3,048)
LOGISTICS ADMIN/STORAGE (CC61072) (13,000 SF)	SM	1208	2,000	(2,416)
ENGINEERS SHOP (CC21453) (8,000 SF)	SM	744	2,200	(1,637)
OPERATIONS AND MAINTENANCE SUPPORT INFORMATION	LS	--	--	(25)
SUSTAINABILITY AND ENERGY FEATURES	LS	--	--	(99)
SUPPORTING FACILITIES				2,083
SPECIAL CONSTRUCTION FEATURES	LS	--	--	(239)
ELECTRICAL UTILITIES	LS	--	--	(305)
MECHANICAL UTILITIES	LS	--	--	(225)
PAVING AND IMPROVEMENTS	LS	--	--	(1130)
ENVIRONMENTAL MITIGATION	LS	--	--	(102)
PASSIVE FORCE PROTECTION MEASURES	LS	--	--	(82)

SUBTOTAL				18,506
CONTINGENCY (5.0%)				925

SUBTOTAL				19,431
SUPERVISION, INSPECTION AND OVERHEAD (5.7%)				1,108

TOTAL REQUEST				20,539
TOTAL REQUEST (ROUNDED)				20,539
EQUIPMENT PROVIDED FROM OTHER APPROPRIATIONS				(4,113)

10. Description of Proposed Construction: Constructs Vehicle Maintenance Facilities, Boat Maintenance Facilities, Applied Instruction Facilities, Logistics Administrative and Storage Facilities, an Engineer Shop, and miscellaneous supporting structures, utilities, parking, roadways, site work, and demolition of existing roadway and fence at project site. The structures will be single-story steel frame buildings with brick veneer over metal studs, standing seam metal roofs, metal soffits, and translucent wall panels. Built-in equipment includes vehicle lifts, compressors, and casework. Special construction features include soil surcharge loads, wetlands mitigation, 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, compressed air, dehumidification, air conditioning systems, and digital controls. Information systems include telephone, data, local area network, mass notification and intercom. Site work will include building utility systems, traffic control, parking, domestic water, fire protection water, sanitary sewer, sewage conveyance, propane gas networks, perimeter security fencing, gates, storm water management, fiber/copper

1. Component	FY2018 MILITARY CONSTRUCTION PROJECT DATA	2. Date
USSOCOM		MAY 2017

3. Installation and Location/UIC:	4. Project Title:
MARINE CORPS BASE CAMP LEJEUNE, NORTH CAROLINA	SOF MOTOR TRANSPORT MAINTENANCE EXPANSION

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
1140494BB	214	P1394	20,539

communications, cable television, and area 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.

11. Requirement: 7,620 SM (82,000 SF) **Adequate:** 0 SM **Substandard:** 0 SM

PROJECT: Construct facilities for Vehicle and Boat Maintenance, Engineering Equipment, Administration, Storage, and Applied Instruction for U.S. Marine Corps Forces Special Operations Command (MARSOC).

REQUIREMENT: The project is necessary to complete the SOF consolidation into MARSOC's Stone Bay Complex. Obtaining adequate permanent facilities co-located at Stone Bay with the remainder of the MARSOC Force Structure (Headquarters, Regiment, Battalion, ranges, medical, billeting, and combat support elements) is paramount to fully develop the Special Operations Forces unique training and operational requirements.

CURRENT SITUATION: Related SOF assets and operations are currently located in inadequate interim facilities throughout MCB Camp Lejeune and Stone Bay. These assets and operations are awaiting this planned sequential phase of consolidation into purpose built permanent facilities at Stone Bay.

IMPACT IF NOT PROVIDED: MARSOC mission preparation and execution are jeopardized. MARSOC will be unable to adequately support operational battalions and company level units if they are forced to continue to use temporarily assigned, inadequate, and geographically separated facilities.

ADDITIONAL: No life cycle costs have been calculated at this time. 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 Standard for Buildings. Project construction is not within a designated 100-year floodplain. No flood mitigation measures required.

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. Design Data (Estimates)

(1) Status

(a) Date Design Started	Oct 16
(b) Percent Complete as of January 2017	15%
(c) Date Design 35% Complete	Mar 17
(d) Date Design 100% Complete	Sep 17
(e) Parametric Estimates Used to Develop Costs	No
(f) Type of Design Contract	Design Bid Build
(g) Energy Study and Life Cycle Analysis Performed	No

(2) Basis

(a) Standard or Definitive Design Used	No
(b) Where Design Was Previously Used	N/A

1. Component	FY2018 MILITARY CONSTRUCTION PROJECT DATA	2. Date
USSOCOM		MAY 2017

3. Installation and Location/UIC:	4. Project Title:
MARINE CORPS BASE CAMP LEJEUNE, NORTH CAROLINA	SOF MOTOR TRANSPORT MAINTENANCE EXPANSION

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
1140494BB	214	P1394	20,539

(3) Total Design Cost ($000)

(a) Production of Plans and Specifications	974
(b) All Other Design Costs	243
(c) Total Cost (a + b or d + e)	1,217
(d) Contract Cost	1,095
(e) In-House Cost	122
(4) Construction Contract Award Date	Jan 18
(5) Construction Start Date	Mar 18
(6) Construction Completion Date	Mar 20

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	O&M, D-W	2019	342
Collateral Equipment	O&M, D-W	2019	1,845
Collateral Equipment	PROC, D-W	2019	1,926

U.S. Marine Corps Forces Special Operations Command
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1. COMPONENT	FY 2018 MILITARY CONSTRUCTION PROGRAM	2. DATE
USSOCOM		MAY 2017

3. INSTALLATION AND LOCATION	4. COMMAND	5. AREA CONSTRUCTION COST INDEX
FORT BRAGG, NORTH CAROLINA	JOINT SPECIAL OPERATIONS COMMAND	0.87

6. PERSONNEL STRENGTH

	PERMANENT			STUDENTS			SUPPORTED			
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF SEP 16	326	703	649	0	0	0	0	0	0	1,678
B. END FY 22	327	721	649	0	0	0	0	0	0	1,697

7. INVENTORY DATA ($000)

A. TOTAL AREA (ACRES)	399
B. INVENTORY TOTAL AS OF SEP 16	302,107
C. AUTHORIZATION NOT YET IN INVENTORY (FY 15-17)	83,400
D. AUTHORIZATION REQUESTED IN THIS PROGRAM (FY 18)	4,000
E. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM (FY19)	12,300
F. PLANNED IN NEXT THREE YEARS (FY 20-22)	75,314
G. REMAINING DEFICIENCY	95,800
H. GRAND TOTAL	572,921

8. PROJECTS REQUESTED IN THIS PROGRAM:

CATEGORY CODE	PROJECT TITLE	SCOPE	COST ($000)	DESIGN STATUS START	DESIGN STATUS COMPLETE
131	SOF TELECOMMUNICATIONS RELIABILITY IMPROVEMENTS	232 SM (2,500 SF)	4,000	12/16	08/17

9. FUTURE PROJECTS

CATEGORY CODE	PROJECT TITLE	SCOPE	COST ($000)
a. Included in Following Program (FY19):			
390	SOF REPLACE MAZE AND TOWER	855 SM (9,200 SF)	12,300
b. Planned Next Three Years (FY 20-22):			
141	SOF OPERATIONS FACILITY	650 SM (7,000 SF)	3,500
141	SOF OPERATIONS SUPPORT BUILDING	2,800 SM (30,100 SF)	13,000
141	SOF OPERATIONS FACILITY	4,645 SM (50,000 SF)	40,000
171	SOF MILITARY WORKING DOG FACILITY	1,115 SM (12,000 SF)	4,700
171	SOF CLOSE QUARTERS COMBAT RANGE	2,973 SM (32,000 SF)	7,100
178	SOF BAFFLE CONTAINMENT FOR RANGE 19C	2,787 SM (30,000 SF)	7,014

c. RPM Backlog: N/A

10. MISSION OR MAJOR FUNCTION

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	FY2018 MILITARY CONSTRUCTION PROJECT DATA	2. Date
USSOCOM		MAY 2017

3. Installation and Location/UIC:	4. Project Title
FORT BRAGG, NORTH CAROLINA	SOF TELECOMMMUNICATIONS RELIABILITY IMPROVEMENTS

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
1140415BB	131	81894	4,000

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
PRIMARY FACILITIES				3,182
BUILDING STRUCTURE (CC 13120) (2,500 SF)	SM	232	4,043	(938)
UNDERGROUND FIBER OPTIC RING (CC 13510) (15,000 LF)	M	4,572	328	(1,500)
IDS INSTALLATION	LS	--	--	(165)
EMCS CONNECTION	LS	--	--	(45)
PAVEMENTS (CC 85210) (1800 SY)	SM	167	952	(159)
SUSTAINABILITY AND ENERGY FEATURES	LS	--	--	(235)
BUILDING INFORMATION SYSTEMS	LS	--	--	(140)
SUPPORTING FACILITIES				464
ELECTRIC SERVICE	LS	--	--	(110)
WATER, SEWER, GAS	LS	--	--	(105)
STORM DRAINAGE	LS	--	--	(27)
SITE IMPROVEMENTS	LS	--	--	(58)
INFORMATION SYSTEMS	LS	--	--	(75)
ANTI-TERRORISM MEASURES	LS	--	--	(89)

ESTIMATED CONTRACT COST				3,646
CONTINGENCY (5.0%)				182

SUBTOTAL				3,828
SUPERVISION, INSPECTION AND OVERHEAD (5.7%)				218

TOTAL REQUEST				4,046
TOTAL REQUEST (ROUNDED)				4,000
EQUIPMENT PROVIDED FROM OTHER APPROPRIATIONS				(3,100)

10. Description of Proposed Construction: The project constructs a physically-isolated, single story structure to house mission critical communications equipment that will increase the reliability of the entire communications network (secure and non-secure). The project includes site development, concrete footing, concrete floor surfaces, structural walls, standing seam metal roofing system electrical services, lighting, fire detection and suppression systems, ceiling systems, plumbing, mechanical systems, intrusion detection systems. Project installs building intrusion detection systems (IDS) and provides required connections to energy monitoring and control systems. 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. Supporting facilities include electric service, water, sewer, and gas, paving, walks, curbs and gutters; storm drainage, site improvements, information systems, anti-terrorism measures. Supporting Facilities include electric service utility connection that meets all requirements of the utility system owner. Connection will enable utility system to be connected to the facility. Access for individuals with disabilities will be provided. Comprehensive building and furnishings related interior design services are required. Wetland mitigation will not be required.

1. Component	FY2018 MILITARY CONSTRUCTION PROJECT DATA	2. Date
USSOCOM		MAY 2017

3. Installation and Location/UIC:	4. Project Title
FORT BRAGG, NORTH CAROLINA	SOF TELECOMMMUNICATIONS RELIABILITY IMPROVEMENTS

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
1140415BB	131	81894	4,000

Heating and air conditioning will be provided.

11. Requirement: 232 SM (2,500 SF) **Adequate:** 0 SM **Substandard:** 93 SM (1,000 SF)

PROJECT: SOF Telecommunications Reliability Improvements.

REQUIREMENT: Unit requires adequate mission communications support space to support its mission.

CURRENT SITUATION: All communication pathways converge into a main exchange area into a single point of failure. Unit currently uses the existing communications area that is over 28 years old and that has been maintained over time to attempt to address mission requirements. Unit has outgrown existing facility, which no longer can provide highly reliable communications to support the unit's mission in the event of equipment failure. No space or facility exists to meet the unit's requirements. Unit has compressed into existing space increasing risk of mission critical communications loss.

IMPACT IF NOT PROVIDED: If this project is not provided, unit will not be able to reliably support mission requirements. Personnel will continue to work in substandard and deteriorated facilities to best ability. Use of communication facility with single point of failure will increase the probability of catastrophic loss of communication during critical operations. Unit will be compelled to operate inefficiently with key functions in reduced reliable facilities. This project provides secondary connectivity to the major external networks utilized by the unit. It also provides multiple loop-feed options for maintaining network systems connectivity during both unplanned outages and planned communications maintenance activities. It eliminates the single point of failure and provides reliable communications to mission critical operations.

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 features 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 Standard for Buildings. Project site is located above the 100- year flood plain; flood mitigation measures will be applied as necessary.

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. Design Data (Estimates)

(1) Status

(a) Date Design Started	Dec 16
(b) Percent Complete as of January 2017	10 %
(c) Date Design 35% Complete	Mar 17
(d) Date Design 100% Complete	Aug 17
(e) Parametric Estimates Used to Develop Costs	Yes

1. Component	FY2018 MILITARY CONSTRUCTION PROJECT DATA	2. Date
USSOCOM		MAY 2017

3. Installation and Location/UIC:	4. Project Title
FORT BRAGG, NORTH CAROLINA	SOF TELECOMMMUNICATIONS RELIABILITY IMPROVEMENTS

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
1140415BB	131	81894	4,000

(f) Type of Design Contract	Design-Bid-Build
(g) Energy Study and Life Cycle Analysis Performed	Yes
(2) Basis	
(a) Standard or Definitive Design Used	No
(b) Where Design Was Previously Used	N/A
(3) Total Design Cost	($000)
(a) Production of Plans and Specifications	375
(b) All Other Design Costs	100
(c) Total Cost (a + b or d + e)	475
(d) Contract Cost	400
(e) In-House Cost	75
(4) Construction Contract Award Date	Apr 18
(5) Construction Start Date	Jun 18
(6) Construction Completion Date	Mar 19

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	2019	300
C4I Equipment	PROC, D-W	2019	2,800

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1. COMPONENT	FY 2018 MILITARY CONSTRUCTION PROGRAM	2. DATE
USSOCOM		MAY 2017

3. INSTALLATION AND LOCATION	4. COMMAND	5. AREA CONSTRUCTION COST INDEX
FORT BRAGG, NORTH CAROLINA	U.S. ARMY SPECIAL OPERATIONS COMMAND	.87

6. PERSONNEL STRENGTH

	PERMANENT			STUDENTS			SUPPORTED			
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF SEP 16	1,820	7,792	1,354	2,304	11,832	24	0	0	0	25,126
B. END FY 22	1,819	7,796	685	2,840	12,329	24	0	0	0	25,493

7. INVENTORY DATA ($000)

A. TOTAL AREA (ACRES)	162,029
B. INVENTORY TOTAL AS OF SEP 16	807,986
C. AUTHORIZATION NOT YET IN INVENTORY (FY 14-17)	353,596
D. AUTHORIZATION REQUESTED IN THIS PROGRAM (FY 18)	60,611
E. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM (FY 19)	20,500
F. PLANNED IN NEXT THREE YEARS (FY 20-22)	206,464
G. REMAINING DEFICIENCY	265,507
H. GRAND TOTAL	1,714,664

8. PROJECTS REQUESTED IN THIS PROGRAM:

CATEGORY CODE	PROJECT TITLE	SCOPE	COST ($000)	DESIGN STATUS START	DESIGN STATUS COMPLETE
171	SOF HUMAN PERFORMANCE TRAINING CENTER	5,300 SM (57,050 SF)	20,260	02/17	08/18
140	SOF SUPPORT BATTALION ADMINISTRATION FACILITY	3,708 SM (39,915 SF)	13,518	02/17	08/18
214	SOF TACTICAL EQUIPMENT MAINTENANCE FACILITY	4,950 SM (53,280 SF)	20,000	02/17	08/18

9. FUTURE PROJECTS

CATEGORY CODE	PROJECT TITLE	SCOPE	COST ($000)
a. Included in Following Program (FY19)			
171	SOF SERE RESISTANCE TRANING LABORATORY COMPLEX	5,574SM (60,000 SF)	20,500
b. Planned Next Three Years (FY20-22):			
140	SOF RENOVATE H-2639	3,716 SM (40,000 SF)	6,419
141	SOF BATTALION OPERATIONS FACILITY	11,520 SM (124,000 SF)	40,603
171	SOF ASSESSMENT AND SELECTION TRAINING COMPLEX	3,323 SM (35,770 SF)	9,903
171	SOF HUMAN PERFORMANCE TRAINING FACILITY	3,716 SM (40,000 SF)	15,350
141	SOF GROUP HEADQUARTERS	6,410 SM (69,000 SF)	20,000
141	SOF SUPPLY SUPPORT ACTIVITY	3,252 SM (35,000 SF)	8,000
171	SOF D3915 RENOVATION BANK HALL	17,385 SM (187,130 SF)	39,807
214	SOF TACTICAL EQUIPMENT MAINTENANCE FACILITY	1,200 SM (12,920 SF)	8,012
140	SOF MACKALL COFS	786 SM (8,460 SF)	12,370
610	SOF TRAINING AND OPERATIONS FACILITY	1,570 SM (16,900 SF)	11,000
171	SOF MULTI-PURPOSE RANGE SUPPORT	1,958 SM (21,080 SF)	7,500
141	SOF MILITARY INTELLIGENCE BATTALION OPS FACILITY	6,225 SM (67,000 SF)	27,500

c. RPM Backlog: N/A

10. MISSION OR MAJOR FUNCTION

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

1. Component	FY2018 MILITARY CONSTRUCTION PROJECT DATA	2. Date
USSOCOM		MAY 2017

3. Installation and Location/UIC:	4. Project Title
FORT BRAGG, NORTH CAROLINA	SOF HUMAN PERFORMANCE TRAINING CENTER

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
1140494BB	171	79443	20,260

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
PRIMARY FACILITY				15,090
TRAINING FACILITY (CC17138)(57,050 SF)	SM	5,300	2,715	(14,390)
BUILDING INFORMATION SYSTEMS	LS	--	--	(470)
SUSTAINABILITY AND ENERGY FEATURES	LS	--	--	(230)
SUPPORTING FACILITIES				2,530
ELECTRICAL/MECHANICAL UTILITIES	LS	--	--	(1,100)
SITE IMPROVEMENTS/DEMOLITION	LS	--	--	(1,140)
INFORMATION SYSTEMS	LS	--	--	(50)
PASSIVE FORCE PROTECTION MEASURES	LS	--	--	(145)
DEMOLITION (7,000 SF)	LS	--	--	(95)

SUBTOTAL ESTIMATED CONTRACT COST				17,620
CONTINGENCY (5.0%)				881

CONSTRUCTION CONTRACT COST				18,501
SUPERVISION, INSPECTION AND OVERHEAD (5.7%)				1,055

SUBTOTAL				19,556
DESIGN BUILD DESIGN COST (4.0%)				705

TOTAL REQUEST				20,261
TOTAL REQUEST (ROUNDED)				20,260
EQUIPMENT PROVIDED FROM OTHER APPROPRIATIONS				(5,443)

10. Description of Proposed Construction: Construct Human Performance Training Center (HPTC) including human performance areas incorporating strength and conditioning, hydrotherapy, sports medicine, multipurpose space, and administrative space. Construction will consist of concrete and steel columns and beams with metal deck and concrete floors. Exterior will consist of masonry with stone-front glazing. Built-in building systems include fire alarm/mass notification; fire suppression; utility management control; telephone; advanced communications networks; cable television; and infrastructure for intrusion detection, closed circuit surveillance, and electronic access control system. Project includes the installation of electronic security system equipment (intrusion detection, closed circuit surveillance, and electronic access control) funded by other appropriations. Supporting facilities include all related site-work and utilities (electrical, water, gas, sanitary sewer, and information systems distribution), security lighting, privately owned vehicle parking, 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. Access for persons with disabilities will be provided. Comprehensive interior, electronic security systems,

1. Component	FY2018 MILITARY CONSTRUCTION PROJECT DATA	2. Date
USSOCOM		MAY 2017

3. Installation and Location/UIC:	4. Project Title
FORT BRAGG, NORTH CAROLINA	SOF HUMAN PERFORMANCE TRAINING CENTER

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
1140494BB	171	79443	20,260

and audio visual design services are included. The project includes demolition of existing building E-4128.

11. Requirement: 5,300 SM (57,050 SF) **Adequate:** 0 SM **Substandard:** 1,886 SM (20,300 SF)

PROJECT: Construct a HPTC Facility for the 3rd Special Forces Group (Airborne) (3rd SGF(A)) and 95th Civil Affairs Brigade (Airborne) (95th CAB(A)).

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 keeping high operational tempo and highly skilled Army Special Operations Forces Soldiers mission ready.

CURRENT SITUATION: HPTC activities are performed in a former supply warehouse and temporary facilities. These facilities are inadequately sized and not configured to support program requirements.

IMPACT IF NOT PROVIDED: 3rd SFG(A) and 95th CAB(A) 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. This project is an integral part of the 3rd SFG(A) and 95th CAB(A) modernization at the Yarborough Complex. If not provided, there will be no collocated HPTC facility available at the complex, severely impacting soldier participation and program effectiveness.

ADDITIONAL: Alternative methods of meeting this requirement have been explored during project development, and new construction is the only feasible alternative to meet the requirement. This project shall be designed and constructed to a minimum life of 25 years and in accordance with Installation Architectural Compatibility Plan; Standards of Seismic Safety for Federally Owned Buildings. 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 Standard 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. Design Data (Estimates)

(1) Status

(a) Date Design Started	Feb 17
(b) Percent Complete as of January 2017	0%
(c) Date Design 35% Complete	Jun 17
(d) Date Design 100% Complete	Aug 18
(e) Parametric Estimates Used to Develop Costs	Yes
(f) Type of Design Contract	Design Build
(g) Energy Study and Life Cycle Analysis Performed	No

1. Component	FY2018 MILITARY CONSTRUCTION PROJECT DATA	2. Date
USSOCOM		MAY 2017

3. Installation and Location/UIC:	4. Project Title
FORT BRAGG, NORTH CAROLINA	SOF HUMAN PERFORMANCE TRAINING CENTER

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
1140494BB	171	79443	20,260

(2) Basis	
(a) Standard or Definitive Design Used	Yes
(b) Where Design Was Previously Used	First Use
(3) Total Design Cost	($000)
(a) Production of Plans and Specifications	641
(b) All Other Design Costs	275
(c) Total Cost (a + b or d + e)	916
(d) Contract Cost	183
(e) In-House Cost	733
(4) Contract Award Date	Jul 18
(5) Construction Start Date	Nov 18
(6) Construction Completion Date	Nov 20

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	2019	4,543
C4I Equipment	O&M, D-W	2020	315
C4I Equipment	PROC, D-W	2020	615

United States Army Special Operations Command
Telephone: (910) 432-1296

1. Component	FY2018 MILITARY CONSTRUCTION PROJECT DATA	2. Date
USSOCOM		MAY 2017

3. Installation and Location/UIC:	4. Project Title
FORT BRAGG, NORTH CAROLINA	SOF SUPPORT BATTALION ADMINISTRATION FACILITY

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
1140494BB	140	63850	13,518

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
PRIMARY FACILITY				9,631
BATTALION ADMIN FACILITY (CC14183)(13,650 SF)	SM	1,268	2,678	(3,396)
COMPANY ADMIN FACILITY (CC14185)(26,265 SF)	SM	2,440	2,263	(5,522)
BUILDING INFORMATION SYSTEMS	LS	--	--	(625)
SUSTAINABILITY AND ENERGY FEATURES	LS	--	--	(88)
SUPPORTING FACILITIES				2,125
ELECTRICAL/MECHANICAL UTILITIES	LS	--	--	(760)
SITE IMPROVEMENTS	LS	--	--	(910)
DEMOLITION (4,910 SF)	LS	--	--	(300)
INFORMATION SYSTEMS	LS	--	--	(75)
PASSIVE FORCE PROTECTION MEASURES	LS	--	--	(80)

ESTIMATED CONTRACT COST				11,756
CONTINGENCY (5.0%)				588

SUBTOTAL				12,344
SUPERVISION, INSPECTION AND OVERHEAD (5.7%)				704

SUBTOTAL				13,048
DESIGN BUILD DESIGN COST (4.0%)				470

TOTAL REQUEST				13,518
TOTAL REQUEST (ROUNDED)				13,518
EQUIPMENT PROVIDED FROM OTHER APPROPRIATIONS				(1,295)

10. Description of Proposed Construction: Construct a battalion and company administrative facility. All facilities will consist of concrete foundation and floor slab, steel frame, masonry walls and sloped metal roof. Built-in building systems include fire alarm/mass notification; fire suppression; utility management control; telephone; advanced communications networks; cable television; and infrastructure for intrusion detection, closed circuit surveillance, and electronic access control system. Project includes the installation of electronic security system equipment (intrusion detection, closed circuit surveillance, and electronic access control) 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, 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. Access for persons with disabilities will be provided. Comprehensive interior, electronic security systems, and audio visual design services are included. The project includes demolition of buildings D-2111, D-1911, D-2211, D-1910, D-1209, D-2919, D-3225, 1-4865.

1. Component	FY2018 MILITARY CONSTRUCTION PROJECT DATA	2. Date
USSOCOM		MAY 2017

3. Installation and Location/UIC:	4. Project Title
FORT BRAGG, NORTH CAROLINA	SOF SUPPORT BATTALION ADMINISTRATION FACILITY

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
1140494BB	140	63850	13,518

11. Requirement: 3,708 SM (39,915 SF) **Adequate:** 0 SM **Substandard:** 2,360SM (25,400SF)

PROJECT: Construct a Battalion and Company Headquarters, Administrative, and Maintenance Facility for the 1st Special Warfare Training Group (A) (1st SWTG(A)), US Army John F. Kennedy Special Warfare Center and School (USAJFKSWCS). (Current Mission)

REQUIREMENT: This project is required to provide a consolidated facility for the Support Battalion, 1st SWTG(A), to command and control the logistical support of institutional Special Operations Force soldier training on and in the vicinity of Fort Bragg, NC. The project also provides adequate, permanent shop and storage space for the Support Battalion Company to perform communications and electronics maintenance.

CURRENT SITUATION: The Battalion and Company Headquarters elements, as well as the maintenance functions are widely-dispersed in several locations, including relocatable buildings and World War II-era temporary space. The Support Battalion occupies a facility located over 7 miles from subordinate maintenance facilities and training support activities in the Yarborough Complex on Fort Bragg, NC.

IMPACT IF NOT PROVIDED: If this project is not provided, the Support Battalion, 1st SWTG(A), will continue to occupy dispersed, undersized, and dilapidated facilities. All aspects of the mission, including training, communication, storage, efficiency, safety, and security will be sacrificed. The training will continue to be adversely affected as the adequate facilities supporting the command and control of logistical operations and the maintenance of communications equipment would not be available. There are no other facilities available to house the equipment maintenance mission.

ADDITIONAL: Alternative methods of meeting this requirement have been explored during project development, and new construction is the only feasible alternative to meet the requirement. This project shall be designed and constructed to a minimum life of 25 years, and in accordance with installation Architectural Compatibility Plan; Planning Charrette Report, dated 25 Apr 2014; and Standards of Seismic Safety for Federally Owned Buildings. 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 Standard 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. Design Data (Estimates)

(1) Status

(a) Date Design Started	Feb 17
(b) Percent Complete as of January 2017	0%
(c) Date Design 35% Complete	Jun 17

1. Component	FY2018 MILITARY CONSTRUCTION PROJECT DATA	2. Date
USSOCOM		MAY 2017

3. Installation and Location/UIC:	4. Project Title
FORT BRAGG, NORTH CAROLINA	SOF SUPPORT BATTALION ADMINISTRATION FACILITY

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
1140494BB	140	63850	13,518

(d) Date Design 100% Complete	Aug 18
(e) Parametric Estimates Used to Develop Costs	Yes
(f) Type of Design Contract	Design Build
(g) Energy Study and Life Cycle Analysis Performed	No
(2) Basis	
(a) Standard or Definitive Design Used	No
(b) Where Design Was Previously Used	N/A
(3) Total Design Cost	($000)
(a) Production of Plans and Specifications	400
(b) All Other Design Costs	103
(c) Total Cost (a + b or d + e)	503
(d) Contract Cost	30
(e) In-House Cost	473
(4) Contract Award Date	Jul 18
(5) Construction Start Date	Nov 18
(6) Construction Completion Date	Nov 20

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	2019	800
C4I Equipment	O&M, D-W	2019	180
C4I Equipment	PROC, D-W	2019	315

United States Army Special Operations Command
Telephone: (910) 432-1296

DD Form 1 Dec 76 **1391 C**

1. Component	FY 2018 MILITARY CONSTRUCTION PROJECT DATA	2. Date
USSOCOM		MAY 2017

3. Installation and Location/UIC:	4. Project Title
FORT BRAGG, NORTH CAROLINA	SOF TACTICAL EQUIPMENT MAINTENANCE FACILITY

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
1140494BB	214	79453	20,000

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
PRIMARY FACILITY				11,779
TACTICAL EQUIPMENT MAINT FACILITY (CC 21410)(36,060 SF)	SM	3,350	2,150	(7,203)
POL/HAZMAT STORAGE BUILDINGS (CC 21470)(1,080 SF)	SM	100	1,833	(183)
ORGANIZATIONAL STORAGE BUILDING (CC 21412)(16,140 SF)	SM	1,500	1,156	(1,734)
ORGANIZATIONAL VEHICLE PARKING(CC 85210)(32,200 SY)	SM	26,930	77	(2,074)
BUILDING INFORMATION SYSTEMS	LS	--	--	(570)
SUSTAINABILITY AND ENERGY FEATURES	LS	--	--	(15)
SUPPORTING FACILITIES				5,549
ELECTRICAL/MECHANICAL UTILITIES	LS	--	--	(1,070)
SITE IMPROVEMENTS	LS	--	--	(3,904)
DEMOLITION (43,600 SF)	LS	--	--	(200)
INFORMATION SYSTEMS	LS	--	--	(275)
PASSIVE FORCE PROTECTION MEASURES	LS	--	--	(100)

ESTIMATED CONTRACT COST				17,328
CONTINGENCY (5.0%)				866

SUBTOTAL				18,194
SUPERVISION, INSPECTION AND OVERHEAD (5.7%)				1,037

SUBTOTAL				19,231
DESIGN BUILD DESIGN COST (4.0%)				769

TOTAL REQUEST				20,000
TOTAL REQUEST (ROUNDED)				20,000
EQUIPMENT PROVIDED FROM OTHER APPROPRIATIONS				(2,527)

10. Description of Proposed Construction: Construct a SOF-standard two-story tactical equipment maintenance facility, petroleum, oil and lubricants, and hazardous waste storage buildings, organizational storage buildings, and organizational vehicle parking. The design of the tactical equipment maintenance facility and other facilities will match the Fort Bragg Installation Design Guide to include concrete foundations and floor slabs, steel frame, exterior metal wall panels above brick veneer masonry walls and sloped metal roof panels. Built-in building systems include fire alarm/mass notification; fire suppression; utility management control; telephone; advanced communications networks; cable television; and infrastructure for intrusion detection, closed circuit surveillance, and electronic access control system. Project includes the installation of electronic security system equipment (intrusion detection, closed circuit surveillance, and electronic access control) funded by other appropriations. Supporting facilities include all related site-work and utilities (electrical, water, gas, sanitary sewer, and information systems distribution), security lighting, power and communication connections in the organizational vehicle parking area

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3. Installation and Location/UIC:	4. Project Title
FORT BRAGG, NORTH CAROLINA	SOF TACTICAL EQUIPMENT MAINTENANCE FACILITY

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
1140494BB	214	79453	20,000

for specialized vehicles and deployment containers, storage tanks, security fencing, privately owned vehicle parking, 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. Access for persons with disabilities will be provided. Comprehensive interior, electronic security systems, and audio visual design services are included. The project includes demolition of buildings E-1351, E-1354 and E-3564.

11. Requirement: 4,950 SM (53,280 SF) **Adequate:** 0 SM **Substandard:** 1,537 SM (16,541 SF)

PROJECT: Construct a Tactical Equipment Maintenance Facility for the Group Support Battalion (GSB), 3rd Special Forces Group (Airborne) (3rd SFG(A)). (Current Mission)

REQUIREMENT: This project is required to support growth of ground and electronic maintenance personnel from 64 to 85 personnel. The 3rd SFG perform missions and activities throughout the full range of military operations and in all environments. The unit provides DOD and Theater Combatant Commanders a means to resolve crises, achieve U.S. objectives and pursue U.S. strategic goals. These facilities support the continual operations, training, and deployment of forces into real world exercises and conventional and unconventional, special, and irregular war scenarios.

CURRENT SITUATION: The GSB's tactical vehicle maintenance facility is geographically separated from their battalion headquarters and company operations facilities. The existing facility was constructed in 1988 and is shared with other battalions. The facility is congested, undersized, and promotes a hazardous work environment that no longer supports mission requirements. Four of the maintenance bays are no longer being used for direct vehicle repair, but have been re-purposed for part storage, work stations, and metal fabrication. The lack of storage space requires most of the unit's equipment to be stored outdoors or in double stacked shipping containers. There is a lack of organizational vehicle parking space surrounding the existing facility which cannot be increased due to lack of available space for expansion.

IMPACT IF NOT PROVIDED: If this project is not provided, the GSB will remain severely hindered in conducting maintenance of critical equipment necessary for the unit to meet urgent missions and their expanded force structure. An inadequate quantity of vehicle bays leads to all aspects of the mission, including training, communication, storage, efficiency, safety, and security will be sacrificed. The Special Operations Forces (SOF) will continue to be adversely affected as adequate facilities supporting current mission would not be available. There are no other facilities available to house the equipment maintenance mission.

ADDITIONAL: Alternative methods of meeting this requirement have been explored during project development, and new construction is the only feasible alternative to meet the requirement. This project shall be designed and constructed to a minimum life of 25 years, and in accordance with the installation Architectural Compatibility Plan; Special Forces Standard Design – GSB TEMF, Eglin AFB, FL; Planning Charrette Report, dated 4 Dec 2015; and Standards of Seismic Safety for Federally Owned Buildings. Storm water management Low Impact Development will be included in the project as appropriate. This project will provide Anti-

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3. Installation and Location/UIC:	4. Project Title
FORT BRAGG, NORTH CAROLINA	SOF TACTICAL EQUIPMENT MAINTENANCE FACILITY

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
1140494BB	214	79453	20,000

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 Standard 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. Design Data (Estimates)

(1) Status	
(a) Date Design Started	Feb 17
(b) Percent Complete as of January 2017	0%
(c) Date Design 35% Complete	Jun 17
(d) Date Design 100% Complete	Aug 18
(e) Parametric Estimates Used to Develop Costs	Yes
(f) Type of Design Contract	Design Build
(g) Energy Study and Life Cycle Analysis Performed	No
(2) Basis	
(a) Standard or Definitive Design Used	Yes
(b) Where Design Was Previously Used	Eglin AFB, FL
(3) Total Design Cost	($000)
(a) Production of Plans and Specifications	900
(b) All Other Design Costs	221
(c) Total Cost (a + b or d + e)	1,121
(d) Contract Cost	100
(e) In-House Cost	1,021
(4) Contract Award Date	Jul 18
(5) Construction Start Date	Nov 18
(6) Construction Completion Date	Nov 20

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	2019	1,520
C4I Equipment	O&M, D-W	2019	342
C4I Equipment	PROC, D-W	2019	665

United States Army Special Operations Command, Telephone: (910) 432-1296

1. COMPONENT	FY 2018 MILITARY CONSTRUCTION PROGRAM	2. DATE
USSOCOM		MAY 2017

3. INSTALLATION AND LOCATION	4. COMMAND	5. AREA CONSTRUCTION COST INDEX
JOINT EXPEDITIONARY BASE LITTLE CREEK-FORT STORY, VIRGINIA	JOINT SPECIAL OPERATIONS COMMAND	0.92

6. PERSONNEL STRENGTH	PERMANENT			STUDENTS			SUPPORTED			
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF SEP 16	171	1197	494	0	0	0	0	0	0	1862
B. END FY 22	170	1197	494	0	0	0	0	0	0	1861

7. INVENTORY DATA ($000)

A. TOTAL AREA (ACRES)	104
B. INVENTORY TOTAL AS OF SEP 16	66,635
C. AUTHORIZATION NOT YET IN INVENTORY (FY14-17)	0
D. AUTHORIZATION REQUESTED IN THIS PROGRAM (FY18)	23,000
E. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM (FY19)	0
F. PLANNED IN NEXT THREE YEARS (FY20-22)	0
G. REMAINING DEFICIENCY	0
H. GRAND TOTAL	89,635

8. PROJECTS REQUESTED IN THIS PROGRAM:

CATEGORY CODE	PROJECT TITLE	SCOPE	COST ($000)	DESIGN STATUS START	DESIGN STATUS COMPLETE
178	SOF SATEC RANGE EXPANSION	5,533 SM (59,600 SF)	23,000	02/17	10/18

9. FUTURE PROJECTS

CATEGORY CODE	PROJECT TITLE	SCOPE	COST ($000)

a. Included in Following Program (FY19)
NONE

b. Planned Next Three Years (FY20-22)
NONE

c. RPM Backlog: N/A

10. MISSION OR MAJOR FUNCTION

Joint Expeditionary Base Little Creek-Fort Story is the major east coast Joint Base supporting Overseas Contingency Operations, provides support and services to tenant commands, facilitating their operational readiness and hosting critical training for the nation's expeditionary forces. 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.

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES

N/A

1. Component	FY2018 MILITARY CONSTRUCTION PROJECT DATA	2. Date
USSOCOM		MAY 2017

3. Installation and Location/UIC:	4. Project Title
JOINT EXPEDITIONARY BASE LITTLE CREEK-FORT STORY, VIRGINIA	SOF SATEC RANGE EXPANSION

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
1140415BB	178	P791	23,000

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
PRIMARY FACILITIES				12,733
TRAINING FACILITIES (CC 17961) (54,600 SF)	SM	5,076	1,106	(5,614)
CONTROL BUILDING (CC 17310) (4,920 SF)	SM	457	2,820	(1,289)
TRAINING COURSE (CC 17950) (10 AC)	AC	10	150,000	(1,500)
INFORMATION SYSTEMS	LS	--	--	(1,000)
ANTI-TERRORISM/FORCE PROTECTION	LS	--	--	(100)
BUILT-IN EQUIPMENT	LS	--	--	(10)
SPECIAL COSTS	LS	--	--	(170)
OPERATION & MAINTENANCE SUPP INFO (OMSI)	LS	--	--	(110)
SUSTAINABILITY AND ENERGY FEATURES	LS	--	--	(2,940)
SUPPORTING FACILITIES		--	--	7,270
SITE PREPARATIONS	LS	--	--	(300)
PAVING AND SITE IMPROVEMENTS	LS	--	--	(3,650)
ELECTRICAL UTILITIES	LS	--	--	(620)
MECHANICAL UTILITIES	LS	--	--	(2,570)
ENVIRONMENTAL MITIGATION	LS	--	--	(130)

ESTIMATED CONTRACT COST				20,003
CONTINGENCY (5.0%)				1,000

SUBTOTAL				21,003
SUPERVISION, INSPECTION AND OVERHEAD (5.7%)				1,197

SUBTOTAL				22,200
DESIGN BUILD DESIGN COST (4.0%)				800

TOTAL REQUEST				23,000
TOTAL REQUEST (ROUNDED)				23,000
EQUIPMENT PROVIDED FROM OTHER APPROPRIATIONS				(7,885)

10. Description of Proposed Construction: This project will construct seven new training buildings to expand the urban style training area at the center of the existing Small Arms Testing and Evaluation Center (SATEC). The training buildings will be constructed of reinforced concrete with shallow foundations and framed openings to accommodate inserts for windows and doors similar to the other buildings on site. The buildings will be capable of withstanding ballistic impacts from projectiles, explosive fragments and repetitive breaching at designated points in the building walls and roofs. Power will be provided to each building to support lighting, video monitoring, sound and other equipment similar to the existing facilities. A new, permanent Range Control Building will also be constructed near the main entry to the compound for control, safety and monitoring activities on the SATEC. This building will include space for range control, VIP briefing, computer servers, classroom, staging, restrooms and target fabrication and material storage.

1. Component	FY2018 MILITARY CONSTRUCTION PROJECT DATA	2. Date
USSOCOM		MAY 2017

3. Installation and Location/UIC:	4. Project Title
JOINT EXPEDITIONARY BASE LITTLE CREEK-FORT STORY, VIRGINIA	SOF SATEC RANGE EXPANSION

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
1140415BB	178	P791	23,000

Information systems include basic telephone, computer network, fiber optic, cable television, security and fire alarm systems and infrastructure. Built-in equipment includes an air compressor for shop air equipment and a flag pole for display of operational warning flags for the compound. Special costs include Post Construction Award Services (PCAS). Operations and Maintenance Support Information (OMSI) is included in the project.
Site improvements will include expansion of the gravel roadway network in the central urban area to encompass the new training buildings. In addition, a network of stabilized gravel and dirt roadways will be established around the compound for training and evaluation of methods to defeat improvised explosive devices (IEDs) including pedestrian overpasses and culverts crossing under the roadways. Site preparation includes site clearing, excavation and preparation for construction. 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 heating, ventilation and air conditioning, water lines, plumbing and plumbing fixtures, sanitary sewer lines, fire protection systems and supply lines. 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: 12,143 SM (131,000 SF) **Adequate:** 6,607 SM (71,100 SF) **Substandard:** 0 SM
PROJECT: This project will expand the existing Small Arms Testing and Evaluation Complex (SATEC) for Naval Special Warfare Development Group (NSWDG) at Fort Story. Seven new training buildings, a Range Control Building, an expanded roadway network and associated facilities will be constructed to support expanding evaluation and development of tactics, techniques and procedures.
REQUIREMENT: Safe and properly designed facilities are required for NSWDG to conduct close quarters combat (CQC) training. The execution of CQC is a mission essential skill required by all SEAL team personnel. The training facility will allow SEALs to rehearse breaching and assault techniques. This training facility will significantly and directly increase readiness for all east coast Navy SEALs by providing additional facilities to fulfill mission requirements for development of new equipment, materials and tactics. Additional structures and roadways will expand the urban setting and provide for additional combat scenarios. Structures will be designed to represent various building types that are different from the existing structures at SATEC.
CURRENT SITUATION: The existing NSWDG SATEC Complex at Fort Story provides limited training facilities to meet SOF specific requirements for development and evaluation of evolving tactics, techniques and procedures for implementation throughout the Department of Defense.
IMPACT IF NOT PROVIDED: Without expanding the SATEC, NSWDG will be limited in their capability to adequately support Research, Development, Test, and Evaluation (RDT&E) of SOF specific and continuously evolving combat systems and equipment and tactics and techniques.
ADDITIONAL: 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 Standard for Buildings. Compliance includes low impact development features and premiums and storm water management plan for site development.

1. Component	FY2018 MILITARY CONSTRUCTION PROJECT DATA	2. Date
USSOCOM		MAY 2017

3. Installation and Location/UIC:	4. Project Title
JOINT EXPEDITIONARY BASE LITTLE CREEK-FORT STORY, VIRGINIA	SOF SATEC RANGE EXPANSION

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
1140415BB	178	P791	23,000

Environmental mitigation does not include compensatory replacement of impacted jurisdictional wetlands as there were previously purchased credits as part of the MILCON P259 project, dated 2006, which was within the SATEC fence line. 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. Design Data (Estimates)

(1) Status	
(a) Date Design Started	Feb 17
(b) Percent Complete as of January 2017	0%
(c) Date Design 35% Complete	Aug 17
(d) Date Design 100% Complete	Oct 18
(e) Parametric Estimates Used to Develop Costs	Yes
(f) Type of Design Contract	Design Build
(g) Energy Study and Life Cycle Analysis Performed	No
(2) Basis	
(a) Standard or Definitive Design Used	No
(b) Where Design Was Previously Used	N/A
(3) Total Design Cost	($000)
(a) Production of Plans and Specifications	800
(b) All Other Design Costs	200
(c) Total Cost (a + b or d + e)	1000
(d) Contract Cost	800
(e) In-House Cost	200
(4) Contract Award Date	Apr 18
(5) Construction Start Date	Oct 18
(6) Construction Completion Date	Mar 20

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	2019	3,200
C4I Equipment	O&M, D-W	2019	325
Collateral Equipment	PROC, D-W	2019	3,800
C4I Equipment	PROC, D-W	2019	560

Joint Special Operations Command
Telephone: (910) 243-0550

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1. COMPONENT	FY 2018 MILITARY CONSTRUCTION PROGRAM	2. DATE
USSOCOM		MAY 2017

3. INSTALLATION AND LOCATION	4. COMMAND	5. AREA CONSTRUCTION COST INDEX
KADENA AIR BASE, JAPAN	AIR FORCE SPECIAL OPERATIONS COMMAND	1.88

6. PERSONNEL STRENGTH

	PERMANENT			STUDENTS			SUPPORTED			
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF SEP 16	137	712	24	0	0	0	0	0	0	873
B. END FY 22	109	666	21	0	0	0	0	0	0	796

7. INVENTORY DATA ($000)

A. TOTAL AREA (ACRES)	11,210
B. INVENTORY TOTAL AS OF SEP 16	152,500
C. AUTHORIZATION NOT YET IN INVENTORY (FY 16-17)	98,248
D. AUTHORIZATION REQUESTED IN THIS PROGRAM (FY 18)	33,372
E. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM (FY19)	0
F. PLANNED IN NEXT THREE YEARS (FY 20-22)	28,446
G. REMAINING DEFICIENCY	0
H. GRAND TOTAL	312,566

8. PROJECTS REQUESTED IN THIS PROGRAM:

CATEGORY CODE	PROJECT TITLE	SCOPE	COST ($000)	DESIGN STATUS START	DESIGN STATUS COMPLETE
211	SOF MAINTENANCE HANGAR	7,275 SM (78,300 SF)	3,972	02/15	01/18
140	SOF SPECIAL TACTICS OPERATIONS FACILITY	4,552 SM (49,000 SF)	27,573	01/17	06/18

9. FUTURE PROJECTS

CATEGORY CODE	PROJECT TITLE	SCOPE	COST ($000)
a. Included in Following Program (FY19)			
NONE			
b. Planned Next Three Years (FY20-22):			
173	SOF HUMAN PERFORMANCE TRAINING CENTER	901 SM (9,700 SF)	10,446
141	SOF SQUADRON OPERATIONS FACILITY	1,672 SM (18,000 SF)	18,000

c. RPM Backlog: N/A

10. MISSION OR MAJOR FUNCTION

Kadena Air Base is home to the USAF's 18th Wing, the 353d Special Operations Group, reconnaissance units, 1st Battalion, 1st Air Defense Artillery, and a variety of associated units. Special Operations Group and units plan and execute specialized and contingency operations using advanced aircraft, tactics and air refueling techniques and special tactics personnel.

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES: N/A

1. Component	FY2018 MILITARY CONSTRUCTION PROJECT DATA	2. Date
USSOCOM		MAY 2017

3. Installation and Location/UIC:	4. Project Title
KADENA AIR BASE, JAPAN	SOF MAINTENANCE HANGAR

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
1140494BB	211	AFSOC103021	3,972

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
PRIMARY FACILITY				33,632
HANGAR (CC21111) (46,900 SF)	SM	4,357	4,533	(19,750)
AIRCRAFT MAINTENANCE UNIT/SHOPS (CC21115) (31,400 SF)	SM	2,918	4,533	(13,227)
SUSTAINABILITY AND ENERGY FEATURES	LS	--	--	(655)
SUPPORTING FACILITIES				8,215
UTILITIES				(2,716)
PAVEMENTS	LS	--	--	(1,547)
SITE IMPROVEMENTS	LS	--	--	(1,635)
COMMUNICATIONS	LS	--	--	(1,148)
SPECIAL SITE CONDITIONS/MITIGATION	LS	--	--	(276)
WATER STORAGE	LS	--	--	(320)
CRANES	LS	--	--	(411)
PASSIVE FORCE PROTECTION MEASURES	EA	2	205,500	(162)
	LS	--	--	
SUBTOTAL				41,847
CONTINGENCY (5%)				2,092
TOTAL CONTRACT COST				43,939
SUPERVISION, INSPECTION AND OVERHEAD (6.5%)				2,856
TOTAL REQUEST				46,795
FY 18 REQUEST				(3,972)
FY17 FUNDING (PREVIOUSLY APPROPRIATED)				(42,823)
EQUIPMENT FROM OTHER APPROPRIATIONS				(7,604)

10. Description of Proposed Construction: Two-bay aircraft hangar with concrete foundation and floor slab, steel high bay, standing seam metal roof, cranes, motorized hangar doors and tracks, fire alarm and suppression system to include water storage tanks, and all necessary support. Aircraft maintenance unit (AMU) requires administrative areas, tool room, supply/bench stock area, storage, shop areas, emergency shower and eyewash stations, locker areas with shower, break area, etc. Includes utilities, pavements, site improvements, communications and all other necessary support. New roadway and parking area includes associated primary utilities/communications and realignment of existing as required. Pavements also include airfield pavements to provide aircraft access to the hangar. Special site conditions exist which will require additional fill and stabilization of the site and possible mitigation for cultural resources. All work carried out is to comply with current Base, Air Force, and Host Nation standards. 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: 7,275 SM (78,300 SF) **Adequate:** 0 SM **Substandard:** 0 SM

PROJECT: Construct Maintenance Hangar.

REQUIREMENT: Adequate facilities, properly sized and configured, for a multi-bay aircraft hangar and an aircraft maintenance unit (AMU) to supporting MC-130 aircraft and maintenance

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1. Component	FY2018 MILITARY CONSTRUCTION PROJECT DATA	2. Date
USSOCOM		MAY 2017

3. Installation and Location/UIC:	4. Project Title
KADENA AIR BASE, JAPAN	SOF MAINTENANCE HANGAR

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
1140494BB	211	AFSOC103021	3,972

unit. Hangar space is authorized to conduct recurring maintenance and inspection the fleet, phase level maintenance of aircraft and provide protection from the elements. Development of the special operations mobility capacity supports primary mission of insertion, extraction, and re-supply of unconventional warfare forces and equipment into hostile or enemy-controlled territory using airland or airdrop procedures.

CURRENT SITUATION: Special operations maintenance unit will use existing maintenance and storage spaces that are occupied by other units; operating with a space shortfall. Selective items usually stored indoors will be staged outside. Hangar bay access will be worked through scheduling; also operating with a space shortfall. Available space will drive the unit into split operations in multiple facilities without adjacent maintenance shops, covered storage, engine storage, and Consolidated Tool Kit mobility storage. Interim aircraft parking has the aircraft located so far away from the hangars that maintenance personnel will routinely require use of a vehicle to transport personnel, tools and parts for daily maintenance. Without an adequate number of hangar bays and maintenance shops, maintenance operations are inefficient, resulting in a high potential for reduced mission capability. In addition to the impact on mission capability, maintenance operations in inclement weather and under temporary lighting increases the safety risk for maintainers and aircrews as well as airframes.

IMPACT IF NOT PROVIDED: Day-to-day maintenance operations will continue to be inefficient as crews work from dispersed locations. The lack of adequate hangar facilities will adversely impact the special operations maintenance turn-around times which will impact flying operations due to a reduced aircraft availability rate. Without covered maintenance space, inclement weather and darkness will directly impact mission readiness. Reduced aircraft availability and mission readiness creates an overall negative impact to operations in support of USSOCOM/SOCPAC missions.

ADDITIONAL: This project meets the criteria/scope specified in Air Force Manual 32-1084, "Facility Requirements." An economic analysis waiver will be required based on AFI 65-501 Section1.22 and is pending. 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 Standard for Buildings. The project site flood vulnerability determination has been accomplished and the installation verified that the project site does not fall within the 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. Design Data (Estimates)

(1) Status

(a) Date Design Started	Feb 15
(b) Percent Complete as of January 2017	35%
(c) Date Design 35% Complete	Jan 17
(d) Date Design 100% Complete	Jan 18
(e) Parametric Estimates Used to Develop Costs	Yes

1. Component	FY2018 MILITARY CONSTRUCTION PROJECT DATA	2. Date
USSOCOM		MAY 2017

3. Installation and Location/UIC:	4. Project Title
KADENA AIR BASE, JAPAN	SOF MAINTENANCE HANGAR

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
1140494BB	211	AFSOC103021	3,972

(f) Type of Design Contract	Design Bid Build
(g) Energy Study and Life Cycle Analysis Performed	No
(2) Basis	
(a) Standard or Definitive Design Used	No
(b) Where Design Was Previously Used	N/A
(3) Total Design Cost	($000)
(a) Production of Plans and Specifications	2,500
(b) All Other Design Costs	1,600
(c) Total Cost (a + b or d + e)	4,100
(d) Contract Cost	3,400
(e) In-House Cost	700
(4) Construction Contract Award Date	May 18
(5) Construction Start Date	Aug 18
(6) Construction Completion Date	Aug 20

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	2019	5,958
C4I Equipment	O&M, D-W	2019	1,646

C. Cost to Complete: This project was originally appropriated in FY 2017. Additional funding requested in this DD 1391 is to address the significant cost escalation that has been occurring in the Japan construction market. Total military construction project funding is summarized below:

	Authorization	Auth of Approp.	Appropriation
FY 2017 As Enacted	42,823	42,823	42,823
Cost Variation (CV) May 2017	3,972	-	-
FY2018 Budget Request	-	3,972	3,972
Total	46,795	46,795	46,795

Air Force Special Operations Command
Telephone: (850) 884-2260

1. Component	FY2018 MILITARY CONSTRUCTION PROJECT DATA	2. Date
USSOCOM		MAY 2017

3. Installation and Location/UIC:	4. Project Title
KADENA AIR BASE, JAPAN	SOF SPECIAL TACTICS OPERATIONS FACILITY

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
1140494BB	140	LXEZ123482	27,573

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
PRIMARY FACILITY				21,591
SQUADRON OPERATIONS (CC 14145) (49,000 SF)	SM	4,552	4,650	(21,167)
SUSTAINABILITY AND ENERGY FEATURES	LS	--	--	(424)
SUPPORTING FACILITIES				3,066
UTILITIES	LS	--	--	(1,140)
PAVEMENTS	LS	--	--	(750)
SITE IMPROVEMENTS	LS	--	--	(260)
COMMUNICATIONS	LS	--	--	(86)
PASSIVE FORCE PROTECTION MEASURES	LS	--	--	(100)
SPECIAL SITE CONDITIONS	LS	--	--	(730)

SUBTOTAL				24,657
CONTINGENCY (5%)				1,233

TOTAL CONTRACT COST				25,890
SUPERVISION, INSPECTION AND OVERHEAD (6.5%)				1,683

TOTAL REQUEST				27,573
TOTAL REQUEST (ROUNDED)				27,573
EQUIPMENT FROM OTHER APPROPRIATIONS (NON-ADD)				(1,450)

10. Description of Proposed Construction: Structures will consist of foundation and floor slab, structural framing, insulated walls, sloped roofs, environmental control, fire detection and suppression and all necessary support. Functional areas include administrative areas (command, operations, logistics, secure planning, training, simulators, weather, intel, and mission support), team rooms, and equipment, vehicle and watercraft maintenance and storage areas (individual gear cages, weapons/ armory, radios, computers, aircrew flight equipment with drying tower, dive shop, medical logistics, war readiness materials, search and rescue), covered storage area, etc. Includes utilities, pavements (roadway and parking), communications, passive force protection and all other necessary support. Special site conditions exist which will require UXO screening, additional fill and stabilization of the site, and possible cultural resources mitigation. All work carried out is to comply with current Base, Air Force, and Host Nation standards. 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: 5,416 SM (58,300 SF) **Adequate:** 0 SM (0 SF) **Substandard:** 2,991 SM (32,200 SF)
PROJECT: Construct Special Tactics Squadron (STS) Operations Facilities.
REQUIREMENT: Combat controllers are among the most highly trained personnel in the U.S. military with 35 weeks of training; air traffic control qualification, airborne, survival, combat control, etc. Combat controllers selected for special tactics units require over a year of additional training (free fall parachuting, diving, underwater egress, small unit tactics, etc.) just for initial qualification. It is essential to properly maintain the readiness and promote continued skill growth

1. Component	FY2018 MILITARY CONSTRUCTION PROJECT DATA	2. Date
USSOCOM		MAY 2017

3. Installation and Location/UIC:	4. Project Title
KADENA AIR BASE, JAPAN	SOF SPECIAL TACTICS OPERATIONS FACILITY

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
1140494BB	140	LXEZ123482	27,573

in these personnel and to establish well equipped, well trained, and cohesive teams. To this end, squadron operations facilities need to provide space to organize, train, and equip special tactics forces to rapidly provide airmanship expertise to establish and control the air-to-ground interface in an objective area on short notice. It also provides long-range operational and logistics planning areas, and the staging capacity and capability to deploy command and control elements during special tactics force employment. Space is also required to maintain, store and issue support equipment and clothing for each squadron member along with team vehicles and boats.

CURRENT SITUATION: The unit has outgrown their existing facilities with more than a 34 percent increase in manpower since 2007. STS operations share one facility with a flying squadron and an aircraft maintenance shop with sub-optimal storage and staging areas. Existing team rooms and team cage areas are not adequately sized to support the current personnel numbers. Sixty percent of the equipment required for each operator is currently exposed to inadequate temperature and humidity control; incurring significant damage to these expensive and limited deployable equipment items. The vehicle maintenance area is undersized with two of the five required bays forced into use for tools and parts storage. The installation lacks a parachute drying tower. Every two weeks after water jump training, the unit takes the chutes to Torii Station to dry increasing the operational day by three hours. Inadequate facilities result in significant obstruction of efficient operations due to a fractured layout, dilapidated facilities and inadequate infrastructure.

IMPACT IF NOT PROVIDED: Lack of adequate STS operations facilities will adversely impact the efficiency of home-station mission essential task list (METL) training events and the ability to rapidly provide fully trained and qualified special tactics support for worldwide deployment and the assignment to regional unified commands. The facility shortfalls also potentially impact readiness of Special Tactics personnel and equipment (valued at $17 million) negatively impacting operations in support of USSOCOM missions.

ADDITIONAL: This project meets the criteria/scope specified in Air Force Manual 32-1084, "Facility Requirements." An economic analysis will be required based on AFI 65-501 Section1.22 and is pending. 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 Standard for Buildings. Project is not sited in a 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:

B. Design Data (Estimates

(1) Status

(a) Date Design Started	Jan 17
(b) Percent Complete as of January 2017	0%
(c) Date Design 35% Complete	May 17
(d) Date Design Complete 100% Complete	Jun 18
(e) Parametric Estimates Used to Develop Cost	Yes
(f) Type of Design Contract	Design-Bid-Build
(g) Energy Study and Life Cycle Analysis Performed	No

1. Component	FY2018 MILITARY CONSTRUCTION PROJECT DATA	2. Date
USSOCOM		MAY 2017

3. Installation and Location/UIC:	4. Project Title
KADENA AIR BASE, JAPAN	SOF SPECIAL TACTICS OPERATIONS FACILITY

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
1140494BB	140	LXEZ123482	27,573

(2) Basis

(a) Standard or Definitive Design Used	No
(b) Where Design Was Previously Used	N/A
(3) Total Design Cost	($000)
(a) Production of Plans and Specifications	1,764
(b) All Other Design Costs	1,764
(c) Total Cost (a + b or d + e)	3,528
(d) Contract Cost	2,470
(e) In-House Cost	1,058
(4) Construction Contract Award Date	Sep 18
(5) Construction Start Date	Oct 18
(6) Construction Completion Date	Jan 21

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	1,100
C4I Equipment	O&M, D-W	2020	350

Air Force Special Operations Command
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1. COMPONENT	FY 2018 MILITARY CONSTRUCTION PROGRAM	2. DATE
USSOCOM		MAY 2017

3. INSTALLATION AND LOCATION	4. COMMAND	5. AREA CONSTRUCTION COST INDEX
TORII STATION, OKINAWA PREFECTURE, JAPAN	U.S. ARMY SPECIAL OPERATIONS COMMAND	1.88

6. PERSONNEL STRENGTH

	PERMANENT			STUDENTS			SUPPORTED			
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF SEP 16	72	443	0	0	0	0	0	0	0	515
B. END FY 22	72	443	0	0	0	0	0	0	0	515

7. INVENTORY DATA ($000)

A. TOTAL AREA (ACRES)	478
B. INVENTORY TOTAL AS OF SEP 16	8,604
C. AUTHORIZATION NOT YET IN INVENTORY (FY 14-17)	63,000
D. AUTHORIZATION REQUESTED IN THIS PROGRAM (FY 18)	26,000
E. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM (FY19)	0
F. PLANNED IN NEXT THREE YEARS (FY 20-22)	0
G. REMAINING DEFICIENCY	0
H. GRAND TOTAL	97,604

8. PROJECTS REQUESTED IN THIS PROGRAM:

CATEGORY CODE	PROJECT TITLE	SCOPE	COST ($000)	DESIGN STATUS START	DESIGN STATUS COMPLETE
214	SOF TACTICAL EQUIPMENT MAINT FACILITY	3,680 SM (39,600 SF)	25,323	09/16	09/17

9. FUTURE PROJECTS

CATEGORY CODE	PROJECT TITLE	SCOPE	COST ($000)

a. Included in Following Program (FY19)
NONE

b. Planned Next Three Years (FY20-22):
NONE

c. RPM Backlog: N/A

10. MISSION OR MAJOR FUNCTION

Support and training of U.S. Forces Japan, major combat and combat support units, 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	FY2018 MILITARY CONSTRUCTION PROJECT DATA	2. Date
USSOCOM		MAY 2017

3. Installation and Location/UIC:	4. Project Title
TORII STATION, OKINAWA PREFECTURE, JAPAN	SOF TACTICAL EQUIPMENT MAINTENANCE FACILITY

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
1140494BB	214	81903	25,323

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
PRIMARY FACILITY				17,906
TACTICAL EQUIPMENT MAINT FACILITY (CC 21410)(18,830 SF)	SM	1,750	4,968	(8,695)
POL/HAZMAT STORAGE BUILDINGS (CC 21470)(1,080 SF)	SM	100	1,968	(197)
ORGANIZATIONAL STORAGE BUILDING (CC 21412)(7,640 SF)	SM	710	2,158	(1,532)
GENERAL PURPOSE WAREHOUSE (CC 44220)(12,050 SF)	SM	1,120	3,310	(3,707)
ORGANIZATION VEHICLE PARKING (CC 85210)(23,920 SY)	SM	20,000	117	(2,344)
BUILDING INFORMATION SYSTEMS	LS	--	--	(339)
SPECIAL CONSTRUCTION FEATURES	LS	--	--	(757)
SUSTAINABILITY AND ENERGY FEATURES	LS	--	--	(335)
SUPPORTING FACILITIES				4,740
ELECTRICAL/MECHANICAL UTILITIES	LS	--	--	(2,250)
SITE IMPROVEMENTS	LS	--	--	(1,320)
DEMOLITION (5,900 SF)	LS	--	--	(995)
INFORMATION SYSTEMS	LS	--	--	(74)
PASSIVE FORCE PROTECTION MEASURES	LS	--	--	(100)

ESTIMATED CONTRACT COST				22,645
CONTINGENCY (5.0%)				1,1,32

SUBTOTAL				23,777
SUPERVISION, INSPECTION AND OVERHEAD (6.5%)				1,546

TOTAL REQUEST				25,323
TOTAL REQUEST (ROUNDED)				25,323
EQUIPMENT PROVIDED FROM OTHER APPROPRIATIONS				3,472

10. Description of Proposed Construction: Construct an Army-standard tactical equipment maintenance facility, petroleum, oil, lubricant and hazardous waste storage buildings, organizational storage buildings, general purpose warehouse (high-bay), and organizational vehicle parking. The design of the tactical equipment maintenance facility and other facilities will match the Installation Design Guide to include deep concrete foundations and concrete floor slabs, structural frames, walls and roof slabs with fluid applied membrane. Built-in building systems include fire alarm/mass notification; fire suppression; utility management control; telephone; advanced unclassified and classified communications networks; cable television; protected distribution system; and infrastructure for intrusion detection, closed circuit surveillance, and electronic access control systems. Project includes the installation of electronic security system equipment (intrusion detection, closed circuit surveillance, and electronic access control) with equipment funded by other appropriations. Supporting facilities include all related site-work and utilities (electrical, water, gas, sanitary sewer, and information systems distribution), fire pump building, vehicle wash rack, security lighting, power and communication connections in the organizational vehicle parking area for specialized vehicles and deployment containers, storage tanks, security fencing, screening, paving, curb and gutter, sidewalks, storm drainage and treatment structures, signage, landscaping,

1. Component	FY2018 MILITARY CONSTRUCTION PROJECT DATA	2. Date
USSOCOM		MAY 2017

3. Installation and Location/UIC:	4. Project Title
TORII STATION, OKINAWA PREFECTURE, JAPAN	SOF TACTICAL EQUIPMENT MAINTENANCE FACILITY

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
1140494BB	214	81903	25,323

and other site improvements. Special construction features include deep foundations, reinforced concrete structures for severe tsunami, seismic, and typhoon design loads and corrosion resistance. 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. Environmental mitigation for historical and cultural assets and radon mitigation are included. Comprehensive interior, electronic security systems, and audio visual design services are included. The project includes demolition of building T-0125.

11. Requirement: 3,680 SM (39,600 SF) **Adequate:** 0 SM (0 SF) **Substandard:** 548 SM (5,900 SF)

PROJECT: Construct a Tactical Equipment Maintenance Facility complex for the 1st Battalion, 1st Special Forces Group (Airborne) (1-1st SFG(A)). (Current Mission)

REQUIREMENT: This project is required to support growth of ground and electronic maintenance personnel from 21 to 44 personnel. The 1-1st SFG(A) perform missions and activities throughout the full range of military operations and in all environments. The unit provides national, DOD, and Theater Combatant Commanders a means to resolve crises, achieve U.S. objectives and pursue U.S. strategic goals. These facilities support the continual operations, training, and deployment of forces into real world exercises and conventional and unconventional, special, and irregular war scenarios.

CURRENT SITUATION: The existing building is a temporary 5,892 SF facility, constructed in 1953. The existing facility is too small to support the growth of ground and electronic maintenance personnel from 21 to 44. The facility has two small maintenance bays that can only hold one truck each. The facility has no drive-through capability, maintenance pit, or consolidated bench repair shop; limited tool and parts storage; and inadequate administration space. The building systems are old, outdated, and inefficient resulting in higher repair and energy costs.

IMPACT IF NOT PROVIDED: If this project is not provided, 1-1st SFG(A) will remain severely hindered in conducting maintenance of critical equipment necessary for the unit to meet urgent national security missions and their expanded force structure. An inadequate quantity of vehicle bays leads to all aspects of the mission, including training, communication, storage, efficiency, safety, and security will be sacrificed. The Special Operations Forces (SOF) will continue to be adversely affected as adequate facilities supporting current mission would not be available. There are no facilities to house the equipment maintenance mission.

ADDITIONAL: Alternative methods of meeting this requirement have been explored during project development, and new construction is the only feasible alternative to meet the requirement. This project shall be designed and constructed to a life expectancy of more than 25 years, and in accordance with the installation Architectural Compatibility Plan; Standard Design - Tactical Equipment Maintenance Facilities and Project Definition Report, dated 18 Dec 2015 and Standards of Seismic Safety for Federally Owned Buildings. 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 Standard for Buildings. Japan's Environmental Governing Standards will be followed during design and construction. In accordance with AR 420-1 and DODD 6050.7, an "Environmental Review" is required as part of the project planning/site selection process. Since Torii Station is known to have historical and cultural sites, environmental mitigation for historical and cultural assets and radon mitigation will be conducted, as required. The project site flood vulnerability determination has been

1. Component	FY2018 MILITARY CONSTRUCTION PROJECT DATA	2. Date
USSOCOM		MAY 2017

3. Installation and Location/UIC:	4. Project Title
TORII STATION, OKINAWA PREFECTURE, JAPAN	SOF TACTICAL EQUIPMENT MAINTENANCE FACILITY

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
1140494BB	214	81903	25,323

accomplished by the installation and will be 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. Design Data (Estimates)

(1) Status	
(a) Date Design Started	Sep 16
(b) Percent Complete as of January 2017	35%
(c) Date Design 35% Complete	Dec 16
(d) Date Design 100% Complete	Sep 17
(e) Parametric Estimates Used to Develop Costs	Yes
(f) Type of Design Contract	Design Bid Build
(g) Energy Study and Life Cycle Analysis Performed	Yes
(2) Basis	
(a) Standard or Definitive Design Used	Yes
(b) Where Design Was Previously Used	Fort Bragg, NC
(3) Total Design Cost ($000)	
(a) Production of Plans and Specifications	1,560
(b) All Other Design Costs	1,410
(c) Total Cost (a + b or d + e)	2,970
(d) Contract Cost	500
(e) In-House Cost	2,470
(4) Construction Contract Award Date	Jun 18
(5) Construction Start Date	Aug 18
(6) Construction Completion Date	Feb 20

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	O&M, D-W	2019	468
C4I Equipment	PROC, D-W	2019	924
Collateral Equipment	O&M, D-W	2019	2,080

United States Army Special Operations Command
Telephone: (910) 432-1296

1. COMPONENT	FY 2017 MILITARY CONSTRUCTION PROGRAM	2. DATE
USSOCOM		MAY 2017

3. INSTALLATION AND LOCATION	4. COMMAND	5. AREA CONSTRUCTION COST INDEX
YOKOTA AIR BASE JAPAN	AIR FORCE SPECIAL OPERATIONS COMMAND	1.87

6. PERSONNEL STRENGTH

	PERMANENT			STUDENTS			SUPPORTED			
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF SEP 16	1141	317	270	0	0	0	0	0	0	1,728
B. END FY 22	1141	317	270	0	0	0	0	0	0	1,728

7. INVENTORY DATA ($000)

A. TOTAL AREA (ACRES)	1,750
B. INVENTORY TOTAL AS OF SEP 16	1,699,970
C. AUTHORIZATION NOT YET IN INVENTORY (FY16-17)	113,731
D. AUTHORIZATION REQUESTED IN THIS PROGRAM (FY18)	33,613
E. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM (FY19)	0
F. PLANNED IN NEXT THREE YEARS (FY20-22)	0
G. REMAINING DEFICIENCY	0
H. GRAND TOTAL	1,847,314

8. PROJECTS REQUESTED IN THIS PROGRAM:

CATEGORY CODE	PROJECT TITLE	SCOPE	COST ($000)	DESIGN STATUS START	DESIGN STATUS COMPLETE
113	AIRFIELD APRON	56,940 SM (73,300 SF)	10,800	10/14	07/17
211	HANGAR/AIRCRAFT MAINTENANCE UNIT	6,809 SM (60,500 SF)	12,034	10/14	03/18
141	OPERATIONS AND WAREHOUSE FACILITIES	5,621 SM (9,100 SF)	8,590	10/14	03/18
172	SIMULATOR FACILITY	845 SM (68,100 SY)	2,189	10/14	03/18

9. FUTURE PROJECTS

CATEGORY CODE	PROJECT TITLE	SCOPE	COST ($000)

a. Included in Following Program (FY19)
NONE

b. Planned Next Three Years (FY20-22)
NONE

c. RPM Backlog: N/A

10. MISSION OR MAJOR FUNCTION

Yokota Air Base serves as the host base for Headquarters, United States Forces Japan and Fifth Air Force. The 374th Airlift Wing provides tactical airlift, medical evacuation, and distinguished visitor airlift for the western Pacific, while serving as a key strategic airlift hub for the entire theater. Special Operations Group and units plan and execute specialized and contingency operations using advanced aircraft, tactics and air refueling techniques and special tactics personnel.

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES
N/A

1. Component	FY 2018 MILITARY CONSTRUCTION PROJECT DATA	2. Date
USSOCOM		MAY 2017

3. Installation and Location/UIC:	4. Project Title:
YOKOTA AIR BASE, JAPAN	AIRFIELD APRON

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
1140494BB	113	AFSOC103022	10,800

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
PRIMARY FACILITY				20,910
APRON (CC11332) (35,900 SY)	SM	30,017	303	(9,095
TAXIWAY (CC11221) (17,600 SY)	SM	14,716	303	(4,459)
SHOULDERS (CC11664) (11,770 SY)	SM	9,841	151	(1,486)
PRIMARY DISTRIBUTION LINE UG (CC81222) (9,900 LF)	LM	3,018	1,814	(5,475)
SUSTAINABILITY AND ENERGY FEATURES	LS	--	--	(395)
SUPPORTING FACILITIES				25,676
UTILITIES	LS	--	--	(7,869)
PAVEMENTS & ROADWAYS	LS	--	--	(2,408)
SITE IMPROVEMENTS	LS	--	--	(339)
COMMUNICATIONS AND DUCT BANK	LS	--	--	(1,553)
AIRFIELD/ROADWAY LIGHTING	LS	--	--	(2,730)
ANTENNA PADS AND BUILDING (TRANSMITTER)	LS	--	--	(1,979)
ELEVATED WATER STORAGE	LS	--	--	(3,145)
DEMOLITION (NON FACILITY)/MITIGATION	LS	--	--	(4,645)
GUARD HOUSE (75 SF)	SM	7	15,000	(105)
PASSIVE FORCE PROTECTION MEASURES	LS	--	--	(903)

SUBTOTAL				46,586
CONTINGENCY (5%)				2,329

TOTAL CONTRACT COST				48,915
SUPERVISION, INSPECTION AND OVERHEAD (6.5%)				3,179

TOTAL REQUEST				52,094
FY 18 REQUEST				(10,800)
FY17 FUNDING (PREVIOUSLY APPROPRIATED)				(41,294)
TOTAL REQUEST (ROUNDED)				52,094
EQUIPMENT FROM OTHER APPROPRIATIONS (NON-ADD)				(2,579)

10. Description of Proposed Construction: Aircraft parking apron with associated taxiways and shoulders required to accommodate CV-22 aircraft. Work to include all subgrade and subbase work, drainage, airfield lighting, grounding, mooring, marking, airfield security fencing, access control security gates, bollards, contingency guard house, apron area lighting and other necessary airfield support. Provides new flight line road and overall site road network with supporting primary and secondary utilities and communications infrastructures, and realignment of existing as required. Apron is to be integrated into existing airfield pavements. New antenna pads and building to be provided to support relocation of ground antenna transmitter. Project provides all primary and secondary roadways, utilities, site improvements, communications, demolition, and mitigation for possible dud munitions for site preparation in support of the apron and three MILCON projects (AFSOC103007 Hangar/Aircraft Maintenance Unit, AFSOC103008 Operations and Warehouse Facilities, and AFSOC103010 Simulator Facility). All work carried out is to comply with current base, Air Force, and Host Nation standards. Department of Defense principles for high performance and sustainable building

1. Component	FY 2018 MILITARY CONSTRUCTION PROJECT DATA	2. Date
USSOCOM		MAY 2017

3. Installation and Location/UIC:	4. Project Title:
YOKOTA AIR BASE, JAPAN	AIRFIELD APRON

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
1140494BB	113	AFSOC103022	10,800

requirements will be included in the design and construction of the project in accordance with federal laws and Executive Orders.

11. Requirement: 54,574 SM (65,270 SY) **Adequate:** 0 SM **Substandard:** 0 SM

PROJECT: Construct airfield pavements.

REQUIREMENT: Apron will support parking, servicing, and loading/unloading of special operations forces (SOF) beddown of CV-22 aircraft. Airfield pavement will be designed and constructed to support the heaviest SOF aircraft required to use/transit the apron. Development of the special operations mobility capacity supports primary mission of insertion, extraction, and re-supply of unconventional warfare forces and equipment into hostile or enemy-controlled territory using airland or airdrop procedures.

CURRENT SITUATION: Existing aircraft parking will be used as an interim solution pending completion of this project. Existing parking is dispersed, lacks adequate shoulders creating foreign object debris, severely limits powered movement of the aircraft, and requires tug assist for movement of each aircraft. Dispersed parking makes routine day-to-day maintenance operations inefficient. Additionally, the apron is necessary for staging of SOF aircraft adjacent to the MILCON aircraft hangar supporting efficient maintenance operations by minimizing transport of tools, equipment, and aircraft parts to other flight line locations. Project supports improvement of aircraft movement and allows for consolidation of special operations aircraft functions and implementation of flight line access measures to meet force protection standards and control access to operational assets.

IMPACT IF NOT PROVIDED: Interim aircraft parking is not approved for long term use, which would force aircraft to be relocated to other undersized and dispersed locations with even greater separation of aircraft from each other and from maintenance operations. Adjacent aircraft parking to new aircraft hangar will not be available making maintenance extremely inefficient. Lack of adequate airfield pavements will impact the ability to improve efficiency related to all special operations aircraft movement and maintenance resulting in an overall negative impact to operations in support of USSOCOM missions.

ADDITIONAL: This project meets the criteria/scope specified in Air Force Manual 32-1084, "Facility Requirements" and "Airfield & Heliport Planning & Design." An economic analysis waiver will be required based on AFI 65-501 Section1.22 and is pending. Supporting facility costs exceed the primary facility costs for this project due to the site development required to prepare the area for the apron and the three MILCON projects. 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 Standard for Buildings. The project site flood vulnerability determination has been accomplished and the installation verified that the project site does not fall within the 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. Design Data (Estimates)

(1) Status

(a) Date Design Started	Oct 14
(b) Percent Complete as of January 2017	35%
(c) Date Design 35% Complete	Apr 16

1. Component	FY 2018 MILITARY CONSTRUCTION PROJECT DATA	2. Date
USSOCOM		MAY 2017

3. Installation and Location/UIC:	4. Project Title:
YOKOTA AIR BASE, JAPAN	AIRFIELD APRON

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
1140494BB	113	AFSOC103022	10,800

(d) Date Design 100% Complete	July 17
(e) Parametric Cost Estimates Used to Develop Costs	Yes
(f) Type of Design Contract	Design Bid Build
(g) Energy Study and Life Cycle Analysis Performed	No
(2) Basis	
(a) Standard or Definitive Design Used	No
(b) Where Design Was Previously Used	N/A
(3) Total Cost	($000)
(a) Production of Plans and Specification	4,300
(b) All Other Design Costs	2,500
(c) Total Cost (a + b or d + e)	1,800
(d) Contract Cost	3,400
(e) In-House Cost	900
(4) Construction Contract Award Date	Dec 17
(5) Construction Start Date	Jan 18
(6) Construction Completion Date	Apr 20

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	2019	1,987
C4I Equipment	O&M, D-W	2019	592

C. Cost to Complete: This project was originally appropriated in FY 2017. Additional funding requested in this DD 1391 is to address the significant cost escalation that has been occurring in the Japan construction market. Total military construction project funding is summarized below:

	Authorization	Auth of Approp.	Appropriation
FY 2017 As Enacted	41,294	41,294	41,294
Cost Variation (CV) May 2017	10,800	-	-
FY2018 Budget Request	-	10,800	10,800
Total	52,094	52,094	52,094

Air Force Special Operations Command
Telephone: (850) 884-2260

1. Component	FY 2018 MILITARY CONSTRUCTION PROJECT DATA	2. Date
USSOCOM		MAY 2017

3. Installation and Location/UIC:	4. Project Title:
YOKOTA AIR BASE, JAPAN	HANGAR/AIRCRAFT MAINTENANCE UNIT

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
1140494BB	211	AFSOC103007	12,034

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
PRIMARY FACILITY				42,749
HANGAR/AIRCRAFT MAINTENANCE UNIT(CC21111) (32,800 SF)	SM	3,047	6,155	(18,754)
AIRCRAFT MAINTENANCE UNIT/SHOPS (CC21115) (40,500 SF)	SM	3,762	6,155	(23,155)
SUSTAINABILITY AND ENERGY FEATURES	LS	--	--	(840)
SUPPORTING FACILITIES				3,305
UTILITIES	LS	--	--	(112)
PAVEMENTS	LS	--	--	(572)
SITE IMPROVEMENTS	LS	--	--	(240)
COMMUNICATIONS	LS	--	--	(12)
AIRFIELD PAVEMENTS	LS	--	--	(1,507)
CRANES	EA	2	223,000	(446)
MITIGATION	LS	--	--	(202)
PASSIVE FORCE PROTECTION MEASURES	LS	--	--	(214)

SUBTOTAL				46,054
CONTINGENCY (5%)				2,303
				0
TOTAL CONTRACT COST				48,357
SUPERVISION, INSPECTION AND OVERHEAD (6.5%)				3,143

TOTAL REQUEST				51,500
FY 18 REQUEST				(12,034)
FY17 FUNDING (PREVIOUSLY APPROPRIATED)				(39,466)
TOTAL REQUEST (ROUNDED)				51,500
EQUIPMENT FROM OTHER APPROPRIATIONS (NON-ADD)				(7,909)

10. Description of Proposed Construction: Three bay aircraft hangar with concrete foundation and floor slab, steel high bay, standing seam metal roof, cranes, motorized hangar doors and tracks, fire alarm and suppression system to include cranes, and all necessary support. Aircraft maintenance unit (AMU) requires such areas as administrative, tool room, supply/bench stock area, storage, shop areas, emergency shower and eyewash stations, locker areas with shower, and break area. Includes utilities, pavements, site improvements, communications and all other necessary support. Hangar access airfield pavements will clear, excavate, place base material and concrete pavement, asphalt shoulder, airfield markings, storm water retention, storm drainage, lighting and all other necessary support and be integrated into new airfield apron. Project AFSOC103022 Airfield Apron provides all primary and secondary roadways, utilities, site improvements, communications, and mitigation for possible dud munitions for site preparation. All work carried out is to comply with current base, Air Force, and Host Nation standards. 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 2018 MILITARY CONSTRUCTION PROJECT DATA	2. Date
USSOCOM		MAY 2017

3. Installation and Location/UIC:	4. Project Title:
YOKOTA AIR BASE, JAPAN	HANGAR/AIRCRAFT MAINTENANCE UNIT

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
1140494BB	211	AFSOC103007	12,034

11. Requirement: 6,809 SM (73,300 SF) **Adequate:** 0 SM **Substandard:** 0 SM

PROJECT: Construct Hangar/Aircraft Maintenance Unit (AMU) facility.

REQUIREMENT: Adequate facilities, properly sized and configured, for a multi-bay aircraft hangar and an aircraft maintenance unit to support special operations forces (SOF) CV-22 aircraft beddown. Hangar space is authorized to conduct recurring maintenance fleet inspection of phase level maintenance of aircraft and provide protection from the elements. Development of the special operations mobility capacity supports primary mission of insertion, extraction, and re-supply of unconventional warfare forces and equipment into hostile or enemy-controlled territory using airland or airdrop procedures.

CURRENT SITUATION: The installation lacks facilities to adequately support this function. As an interim solution, the special operations AMU will use existing maintenance and storage spaces; operating with a significant space shortfall. Many items usually stored indoors will be staged outside, decreasing their life expectancy. Interim hangar bay will only accommodate two of the three authorized spaces. Additionally, the two spaces are extremely inefficient with one aircraft being blocked in the hangar by the other resulting in maintenance restrictions and scheduling issues. Because the hangar was not purpose built, aircraft will require careful towing and placement to meet aircraft separation requirements and support of operations tempo. Interim aircraft parking have the aircraft located away from the hangar such that maintenance personnel will routinely require use of a vehicle to transport tools, equipment, and parts for daily maintenance and aircraft launch activities. Without an adequate number of hangar bays and maintenance shops, maintenance operations are inefficient, resulting in a high potential for reduced mission capability. In addition to the impact on mission capability, maintenance operations in inclement weather and under temporary lighting increases the safety risk for maintainers and aircrews as well as airframes.

IMPACT IF NOT PROVIDED: Day-to-day maintenance operations will continue to be inefficient as maintainers work with a shortage in required hangar bays, back shops, and storage. Reduced equipment life expectancy will reduce equipment availability and increase costs to the government. The lack of adequate hangar facilities will adversely impact the special operations maintenance turn-around times which will reduce aircraft mission capability rates. Without covered maintenance space, inclement weather and darkness will directly impact mission readiness. Reduced aircraft availability and mission readiness creates an overall negative impact to operations in support of USSOCOM missions.

ADDITIONAL: This project meets the criteria/scope specified in Air Force Manual 32-1084, "Facility Requirements." An economic analysis waiver will be required based on AFI 65-501 Section1.22 and is pending. 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 Standard for Buildings. The project site flood vulnerability determination has been accomplished and the installation verified that the project site does not fall within the 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.

1. Component	FY 2018 MILITARY CONSTRUCTION PROJECT DATA	2. Date
USSOCOM		MAY 2017

3. Installation and Location/UIC:	4. Project Title:
YOKOTA AIR BASE, JAPAN	HANGAR/AIRCRAFT MAINTENANCE UNIT

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
1140494BB	211	AFSOC103007	12,034

12. Supplemental Data:

A. Design Data (Estimates)

(1) Status	
(a) Date Design Started	Oct 14
(b) Percent Complete as of January 2017	35%
(c) Date Design 35% Complete	Jun 16
(d) Date Design 100% Complete	Mar 18
(e) Parametric Cost Estimates Used to Develop Costs	Yes
(f) Type of Design Contract	Design Bid Build
(g) Energy Study and Life Cycle Analysis Performed	No
(2) Basis	
(a) Standard or Definitive Design Used	No
(b) Where Design Was Previously Used	N/A
(3) Total Cost	($000)
(a) Production of Plans and Specification	4,582
(b) All Other Design Costs	2,500
(c) Total Cost (a + b or d + e)	2,582
(d) Contract Cost	3,682
(e) In-House Cost	900
(4) Construction Contract Award Date	Sept 18
(5) Construction Start Date	Oct 18
(6) Construction Completion Date	Feb 21

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	2019	6,059
C4I Equipment	O&M, D-W	2019	1,850

C. Cost to Complete: This project was originally appropriated in FY 2017. Additional funding requested in this DD 1391 is to address the significant cost escalation that has been occurring in the Japan construction market. Total military construction project funding is summarized below:

	Authorization	Auth of Approp.	Appropriation
FY 2017 As Enacted	39,466	39,466	39,466
Cost Variation (CV) May 2017	12,034	-	-
FY2018 Budget Request	-	12,034	12,034
Total	51,500	51,500	51,500

Air Force Special Operations Command
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1. Component	FY 2018 MILITARY CONSTRUCTION PROJECT DATA	2. Date
USSOCOM		MAY 2017

3. Installation and Location/UIC:	4. Project Title:
YOKOTA AIR BASE, JAPAN	OPERATIONS AND WAREHOUSE FACILITIES

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
1140494BB	141	AFSOC103008	8,590

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
PRIMARY FACILITY				29,591
SQUADRON OPERATIONS (CC14175)(20,500 SF)	SM	1,905	6,926	(13,194)
HEADQUARTERS GROUP OPERATIONS (CC61024)(7,200 SF)	SM	669	6,926	(4,633)
WAREHOUSE (CC44275)(32,800 SF)	SM	3,047	3,666	(11,170)
SUSTAINABILITY AND ENERGY FEATURES	LS	--	--	(594)
SUPPORTING FACILITIES				1,977
UTILITIES	LS	--	--	(283)
PAVEMENTS	SM	5,644	133	(753)
SITE IMPROVEMENTS	LS	--	--	(568)
COMMUNICATIONS	LS	--	--	(36)
MITIGATION	LS	--	--	(189)
PASSIVE FORCE PROTECTION MEASURES	LS	--	--	(148)

SUBTOTAL				31,568
CONTINGENCY (5%)				1,578

TOTAL CONTRACT COST				33,146
SUPERVISION, INSPECTION AND OVERHEAD (6.5%)				2,154

TOTAL REQUEST				35,300
FY 18 REQUEST				(8,590)
FY17 FUNDING (PREVIOUSLY APPROPRIATED)				(26,710)
TOTAL REQUEST (ROUNDED)				35,300
EQUIPMENT FROM OTHER APPROPRIATIONS (NON-ADD)				(7,338)

10. Description of Proposed Construction: Group and squadron operations facilities with concrete foundation and floor slab, steel frame, masonry walls and sloped metal roof. Functional areas include areas such as staff and administration, planning and briefing areas, secure open storage and planning vault, mobility storage, life support/aircrew flight equipment storage and maintenance. Aircraft parts and Mobility Readiness Spare Packages (MRSP) warehouse with associated external covered and uncovered storage elements. Concrete foundation and floor slab, steel frame, masonry and/or steel walls, sloped metal roof, structured for material handling equipment and racking systems and associated uncovered storage. All facilities include utilities, pavements, site improvements, communications and all other necessary support. Project AFSOC103022 Airfield Apron provides all primary and secondary roadways, utilities, site improvements, communications, and mitigation for possible dud munitions for site preparation. All work carried out is to comply with current base, Air Force, and Host Nation standards. 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: 5,621 SM (60,500 SF) **Adequate:** 0 SM **Substandard:** 0 SM

PROJECT: Construct headquarters group and squadron operations and warehouse facilities.

REQUIREMENT: Group Headquarters to provide space for Group Commander, command section

1. Component	FY 2018 MILITARY CONSTRUCTION PROJECT DATA	2. Date
USSOCOM		MAY 2017

3. Installation and Location/UIC:	4. Project Title:
YOKOTA AIR BASE, JAPAN	OPERATIONS AND WAREHOUSE FACILITIES

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
1140494BB	141	AFSOC103008	8,590

and group staff. Squadron operations to provide an adequate facility for Squadron Commander, command section, secure flight planning, briefing, and critique of aircrews and to direct flight operations of aircraft. Activities support the beddown of a special operations forces (SOF) CV-22 aircraft squadron. Properly configured facilities are essential to exercise secure command and control, operations, training and mission briefings. Space is also required to maintain, store and issue life support, aircrew flight equipment and clothing. Adequate storage facility properly sized and configured, for MRSP and aircraft parts to support bed down of SOF aircraft unit. Development of the special operations mobility capacity supports primary mission of insertion, extraction, and re-supply of unconventional warfare forces and equipment into hostile or enemy-controlled territory using airland or airdrop procedures.

CURRENT SITUATION: The installation lacks facilities to support this function. As an interim solution, a temporary facility will be used. The installation also cannot support MRSP and Peacetime Operating Stock (POS) warehousing requirements. A non-warehouse facility in poor condition that is scheduled for demolition has been identified as a partial interim workaround. A small exterior covered storage facility will be built which will be repurposed for another storage shortfall once this MILCON is complete. Even with the use of both facilities, one third of the storage requirement will remain outside exposed to the elements and pilfering; decreasing their life expectancy and increasing the cost to the government.

IMPACT IF NOT PROVIDED: This MILCON supports replacement of the interim facilities in a timely manner and also supports the ability to plan and execute mission requirements with purpose built operations facilities required for productive sorties resulting in an overall positive impact to operations in support of USSOCOM missions. This MILCON also resolves inadequate secure storage for high value deployment spares and aircraft parts. Day-to-day operations will be inefficient with aircraft parts and MRSP kits spread out. One interim facility has limited long term availability due to host unit need to demolish it for host unit construction requirements. Lack of adequate aircraft parts and kits supply activities will also impact the ability to improve efficiency related to all special operations aircraft movement and maintenance resulting in an overall negative impact to USSOCOM missions.

ADDITIONAL: This project meets the criteria/scope specified in Air Force Manual 32-1084, "Facility Requirements." An economic analysis waiver will be required based on AFI 65-501 Section1.22 and is pending. 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 Standard for Buildings. The project site flood vulnerability determination has been accomplished and the installation verified that the project site does not fall within the 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.

1. Component	FY 2018 MILITARY CONSTRUCTION PROJECT DATA	2. Date
USSOCOM		MAY 2017

3. Installation and Location/UIC:	4. Project Title:
YOKOTA AIR BASE, JAPAN	OPERATIONS AND WAREHOUSE FACILITIES

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
1140494BB	141	AFSOC103008	8,590

12. Supplemental Data:

A. Design Data (Estimates)

(1) Status	
(a) Date Design Started	Oct 14
(b) Percent Complete as of January 2017	35%
(c) Date Design 35% Complete	Jun 16
(d) Date Design 100% Complete	Mar 18
(e) Parametric Cost Estimates Used to Develop Costs	Yes
(f) Type of Design Contract	Design Bid Build
(g) Energy Study and Life Cycle Analysis Performed	No
(2) Basis	
(a) Standard or Definitive Design Used	No
(b) Where Design Was Previously Used	N/A
(3) Total Cost	($000)
(a) Production of Plans and Specification	2,100
(b) All Other Design Costs	2,200
(c) Total Cost (a + b or d + e)	4,300
(d) Contract Cost	3,200
(e) In-House Cost	1,100
(4) Construction Contract Award Date	Sep 18
(5) Construction Start Date	Oct 18
(6) Construction Completion Date	Feb 21

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	2019	5,876
C4I Equipment	O&M, D-W	2019	1,462

C. Cost to Complete: This project was originally appropriated in FY 2017. Additional funding requested in this DD 1391 is to address the significant cost escalation that has been occurring in the Japan construction market. Total military construction project funding is summarized below:

	Authorization	Auth of Approp.	Appropriation
FY 2017 As Enacted	26,710	26,710	26,710
Cost Variation (CV) May 2017	8,590	-	-
FY2018 Budget Request	-	8,590	8,590
Total	35,300	35,300	35,300

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1. Component	FY 2018 MILITARY CONSTRUCTION PROJECT DATA	2. Date
USSOCOM		MAY 2017

3. Installation and Location/UIC:	4. Project Title:
YOKOTA AIR BASE, JAPAN	SIMULATOR FACILITY

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
1140494BB	172	AFSOC103010	2,189

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
PRIMARY FACILITY				6,912
SIMULATOR FACILITY (CC17121)(9,100 SF)	SM	845	8,019	(6,776)
SUSTAINABILITY AND ENERGY FEATURES	LS	--	--	(136)
SUPPORTING FACILITIES				644
UTILITIES	LS	--	--	(130)
PAVEMENTS	LS	--	--	(206)
SITE IMPROVEMENTS	LS	--	--	(198)
COMMUNICATIONS	LS	--	--	(9)
MITIGATION	LS	--	--	(67)
PASSIVE FORCE PROTECTION MEASURES	LS	--	--	(34)

SUBTOTAL				7,556
CONTINGENCY (5%)				378

TOTAL CONTRACT COST				7,934
SUPERVISION, INSPECTION AND OVERHEAD (6.5%)				516

TOTAL REQUEST				8,450
FY 18 REQUEST				(2,189)
FY17 FUNDING (PREVIOUSLY APPROPRIATED)				(6,261)
TOTAL REQUEST (ROUNDED)				8,450
EQUIPMENT FROM OTHER APPROPRIATIONS (NON-ADD)				(1,527)

10. Description of Proposed Construction: Concrete foundation and floor slab, steel structure, masonry walls, sloping metal roof, fire alarm panels, fire suppression system and all necessary support. Functional areas include areas such as flight simulator high bay, small training device spaces, computer room, supply spares storage, maintenance area, briefing rooms, administration and common areas. Includes utilities, pavements, site improvements, communications and all other necessary support. Project AFSOC103022 Airfield Apron provides all primary and secondary roadways, utilities, site improvements, communications, and mitigation for possible dud munitions for site preparation. All work carried out is to comply with current base, Air Force, and Host Nation standards. 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: 845 SM (9,100 SF) **Adequate:** 0 SM **Substandard:** 0 SM

PROJECT: Construct Simulator Facility.

REQUIREMENT: This project supports the bed down of a special operations forces (SOF) CV-22 aircraft squadron. It is required to provide an adequate facility for aircraft crews of the special operations squadron to conduct required training for both annual and semi-annual events to support crew upgrade training as well as specific mission rehearsals. Rehearsal devices provide essential realistic mission training, real world mission rehearsals, and emergency procedures training and reduce flying hours. Development of the special operations mobility capacity supports primary mission of insertion, extraction, and re-supply of unconventional warfare forces and equipment into

1. Component	FY 2018 MILITARY CONSTRUCTION PROJECT DATA	2. Date
USSOCOM		MAY 2017

3. Installation and Location/UIC:	4. Project Title:
YOKOTA AIR BASE, JAPAN	SIMULATOR FACILITY

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
1140494BB	172	AFSOC103010	2,189

hostile or enemy-controlled territory using airland or airdrop procedures.
CURRENT SITUATION: The installation lacks facilities to support this function. As an interim solution, a temporary facility will be used to support the projected simulator delivery in FY17. This interim facility will be used to support the weapon system trainer (WST) in a non-motion configuration; not optimizing the device. This project is required to create a space that supports a full-motion WST with supporting activities to provide quality aircrew training in a safe and cost effective environment.
IMPACT IF NOT PROVIDED: Squadron will fly increased hours for training due to the non-availability of a full-motion WST for flight simulation. Crew members will also be forced to attend training stateside as some training scenarios (emergency procedures) are too dangerous for in flight practice. Increased flying hours do not allow for all high risk maneuvers to be simulated due to safety concerns. Stateside training for emergency procedure WST training drives additional expense and creates increased non-availability of aircrews. A non-motion WST reduces the quality of the training simulation. Without this project, combat readiness of special operations aircrews will be reduced due to the inability of aircrews to efficiently accomplish training events required to maintain currency and qualification in the aircraft resulting in an overall negative impact to USSOCOM missions.
ADDITIONAL: This project meets the criteria/scope specified in Air Force Manual 32-1084, "Facility Requirements." An economic analysis waiver will be required based on AFI 65-501 Section1.22 and is pending. 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 Standard for Buildings. The project site flood vulnerability determination has been accomplished and the installation verified that the project site does not fall within the 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. Design Data (Estimates)	
(1) Status	
(a) Date Design Started	Oct 14
(b) Percent Complete as of January 2017	35%
(c) Date Design 35% Complete	Jun 16
(d) Date Design 100% Complete	Mar 18
(e) Parametric Cost Estimates Used to Develop Costs	Yes
(f) Type of Design Contract	Design Bid Build
(g) Energy Study and Life Cycle Analysis Performed	No
(2) Basis	
(a) Standard or Definitive Design Used	No
(b) Where Design Was Previously Used	N/A
(3) Total Cost	($000)
(a) Production of Plans and Specification	750

1. Component	FY 2018 MILITARY CONSTRUCTION PROJECT DATA	2. Date
USSOCOM		MAY 2017

3. Installation and Location/UIC:	4. Project Title:
YOKOTA AIR BASE, JAPAN	SIMULATOR FACILITY

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
1140494BB	172	AFSOC103010	2,189

(b) All Other Design Cost	1,000
(c) Total Cost (a + b or d + e)	1,750
(d) Contract Cost	1,280
(e) In-House Cost	470
(4) Construction Contract Award Date	Sep 18
(5) Construction Start Date	Oct 18
(6) Construction Completion Date	Dec 20

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	2019	1,151
C4I Equipment	O&M, D-W	2019	376

C. Cost to Complete: This project was originally appropriated in FY 2017. Additional funding requested in this DD 1391 is to address the significant cost escalation that has been occurring in the Japan construction market. Total military construction project funding is summarized below:

	Authorization	Auth of Approp.	Appropriation
FY 2017 As Enacted	6,261	6,261	6,261
Cost Variation (CV) May 2017	2,189	-	-
FY2018 Budget Request	-	2,189	2,189
Total	8,450	8,450	8,450

Air Force Special Operations Command
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1. Component	FY2018 MILITARY CONSTRUCTION PROJECT DATA	2. Date
USSOCOM		MAY 2017

3. Installation and Location/UIC:	4. Project Title
CONUS CLASSIFIED	BATTALION COMPLEX, PHASE 1

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
1140415BB	113	80771	64,364

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
PRIMARY FACILITIES				24,865
AIRFIELD PAVEMENTS (CC 11330) (44,150 SY)	SM	36,915	596	(22,001)
ACCESS CONTROL FACILITY (CC14113)(425 SF)	SM	40	4,500	(180)
AIRCRAFT GROUND SUPPORT EQUIPMENT STORAGE/ VEHICLE STORAGE/COVERED PARKING (CC 44262)(10,100 SF)	SM	939	2,052	(1,927)
RELOCATE TRAINING FACILITIES (CC 17878)	LS	-	433,000	(433)
TRAINING AREA ROADS, PAVED (CC 85710)(8,940 SY)	SM	7,474	34	(254)
TRAINING AREA ROADS, UNPAVED (CC85715)(443 SY)	SM	370	25	(9)
IDS INSTALLATION	LS	--	--	(10)
EMS CONNECTION	LS	--	--	(8)
CYBERSECURITY MEASURES	LS	--	--	(15)
SUSTAINABILITY AND ENERGY FEATURES	LS	--	--	(8)
BUILDING INFORMATION SYSTEMS	LS	--	--	(20)
SUPPORTING FACILITIES				33,128
ELECTRIC SERVICE	LS	--	--	(13,783)
EMERGENCY GENERATORS	MW	3.2	750,000	(2,400)
WATER, SEWER, GAS	LS	--	--	(6,865)
PAVING, WALKS, CURBS AND GUTTERS	LS	--	--	(2,083)
STORM DRAINAGE	LS	--	--	(675)
SITE IMPROVEMENTS	LS	--	--	(4,981)
INFORMATION SYSTEMS	LS	--	--	(1,240)
ANTI-TERRORISM MEASURES	LS	--	--	(1,101)

ESTIMATED CONTRACT COSTS				57,993
CONTINGENCY (5.0%)				2,900

SUBTOTAL				60,893
SUPERVISION, INSPECTION AND OVERHEAD (5.7%)				3,471

TOTAL REQUEST				64,364
TOTAL REQUEST (ROUNDED)				64,364
EQUIPMENT PROVIDED FROM OTHER APPROPRIATIONS				(1,217)

10. Description of Proposed Construction: Construct Phase 1 of Battalion Complex. Project relocates existing training facilities and constructs airfield pavements, training area roads, support buildings, supporting facilities, and improves access road. Unit operations building and hangars will be constructed in follow on phases. Airfield pavements include taxiways, a taxiway bridge, taxiway lighting with controls, aircraft parking apron, and access apron. The new taxiway bridge will connect the battalion complex to the existing runway. Access apron will provide 50’ of paving in front of hangar for aircraft access with 5’ on side and rear of hangar; 50’ of paving in front of operations building for warehouse loading area and 5’ on side and rear of building. The support buildings include an access control facility; equipment, covered vehicle and aircraft ground support

1. Component	FY2018 MILITARY CONSTRUCTION PROJECT DATA		2. Date
USSOCOM			MAY 2017
3. Installation and Location/UIC:		4. Project Title	
CONUS CLASSIFIED		BATTALION COMPLEX, PHASE 1	
5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
1140415BB	140	80771	64,364

equipment storage; and supporting facility utility plant buildings. Access control facility includes entry control guard station with active vehicle barriers. Relocate training facilities includes demolition of existing Military Operation in Urban Terrain Urban (MOUT) Assault Course buildings and After Action Review (AAR) covered bleacher; clearing area for helicopter sling load training; and construction of new standard design Urban Assault Course and AAR covered bleacher in alternate location. Training area road constructs unpaved training area road (turnaround) that will convey Soldiers to alternate training locations without passing through the project site. Access road improvement will ensure tractor trailer access to the Battalion Complex and includes culvert repair, filling ruts, select raising and widening, final surface paving, and wetland mitigation. Project installs building intrusion detection systems (IDS), cybersecurity measures, and provides required connections to energy monitoring and control systems. 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. Supporting facilities include electric service, emergency generators, water, sewer, gas, paving, walks, curbs and gutters, storm drainage, site improvements; information systems; anti-terrorism measures and perimeter intrusion detection. Site improvements include haul route restoration, erosion and sediment control, landscaping, athletic facilities/running track. Utility plant buildings will house utility infrastructure, fire pumps, and support emergency power generation. Electric service connection will meet all requirements of the utility system owner. Access for individuals with disabilities will be provided. Comprehensive building and furnishings related interior design services are required. Project site is remote requiring long utility runs, surrounded by wetlands and has high storm water management requirement which contribute to unusually high supporting facility cost. Wetland mitigation will be required. Access control and vehicle and equipment storage buildings will be fully conditioned.

11. Requirement: 32,516 SM (350,000 SF) **Adequate:** 0 SM **Substandard:** 9,133 SM (98,300 SF)

PROJECT: Construct Battalion Complex, Phase 1 (Current Mission).

REQUIREMENT: Unit requires adequate battalion complex space to support its mission. The identified need including support buildings is 350,000 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. Project site is currently an active training area. Military Operation in Urban Terrain Urban (MOUT) Urban Assault Course exists at entrance with After Action Review covered bleachers in the project footprint. Helicopter sling load training is conducted in project footprint. Existing training area road conveys Soldiers into the remote training area (project site). Access road to site is unsurfaced (gravel), includes a pinch point, is surrounded by wetland, and floods intermittently.

IMPACT IF NOT PROVIDED: If this project is not provided, unit will not be able to fully support mission requirements. 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

1. Component	FY2018 MILITARY CONSTRUCTION PROJECT DATA	2. Date
USSOCOM		MAY 2017

3. Installation and Location/UIC:	4. Project Title
CONUS CLASSIFIED	BATTALION COMPLEX, PHASE 1

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
1140415BB	140	80771	64,364

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. 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 Standard for Buildings. Storm water management Low Impact Development will be included in the project as appropriate. Project site is primarily located above the 100- year flood plain and nearby tidal wetlands; flood mitigation measures will be applied as necessary.

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. Design Data (Estimates)

(1) Status	
(a) Date Design Started	Jan 15
(b) Percent Complete as of January 2017	95 %
(c) Date Design 35% Complete	Oct 15
(d) Date Design 100% Complete	Apr 17
(e) Parametric Estimates Used to Develop Costs	Yes
(f) Type of Design Contract	Design-Bid-Build
(g) Energy Study and Life Cycle Analysis Performed	Yes
(2) Basis	
(a) Standard or Definitive Design Used	No
(b) Where Design Was Previously Used	N/A
(3) Total Design Cost	($000)
(a) Production of Plans and Specifications	3,540
(b) All Other Design Costs	3,204
(c) Total Cost (a + b or d + e)	6,744
(d) Contract Cost	3,224
(e) In-House Cost	3,520
(4) Construction Contract Award Date	Jan 18
(5) Construction Start Date	Feb 18
(6) Construction Completion Date	Aug 19

B. Equipment Associated With This Project Which Will be Provided From Other Appropriations:

1. Component	FY2018 MILITARY CONSTRUCTION PROJECT DATA	2. Date
USSOCOM		MAY 2017

3. Installation and Location/UIC:	4. Project Title
CONUS CLASSIFIED	BATTALION COMPLEX, PHASE 1

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
1140415BB	140	80771	64,364

Equipment Nomenclature	Procuring Appropriation	FY Appropriated or Requested	Cost ($000)
C4I Equipment	PROC, D-W	2019	55
Collateral Equipment	O&M, D-W	2019	989
Collateral Equipment	PROC, D-W	2019	173

Joint Special Operations Command
Telephone: (910) 243-0550

Washington Headquarters Services
FY 2018 Military Construction, Defense-Wide
($ in Thousands)

State/Installation/Project	Authorization Request	Approp. Request	New/ Current Mission	Page No.
Virginia				
Pentagon				
Pentagon Corridor 8 Pedestrian Access Control Point	8,140	8,140	C	229
S.E. Safety Traffic and Parking Improvements	28,700	28,700	C	233
Security Updates	13,260	13,260	C	239
Total	**50,100**	**50,100**		

1. COMPONENT	FY 2018 MILITARY CONSTRUCTION PROGRAM	2. DATE
Washington Headquarters Services		May 2017

3. INSTALLATION AND LOCATION	4. COMMAND	5. AREA CONSTRUCTION COST INDEX
Pentagon Reservation, Arlington VA	OSD/DCMO/DA/WHS	1.05

6. PERSONNEL	(1) PERMANENT			(2) STUDENTS			(3) SUPPORTED			(4) TOTAL
	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	
a. AS OF 30 Sep 2016										23,000
b. END FY 2021										23,000

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)		36,840
e. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM		
f. PLANNED IN NEXT THREE PROGRAM YEARS		0
g. REMAINING DEFICIENCY		0
h. GRAND TOTAL (1,000)		36,840

8. PROJECTS REQUESTED IN THIS PROGRAM

a. CATEGORY			b. COST *($000)*		
(1) CODE	(2) PROJECT TITLE	(3) SCOPE		DESIGN START	STATUS COMPLETE
14113	Pentagon Corridor 8 Pedestrian Access Control Point	2,801 SF	8,140	03/2016	10/2018
85110	Southeast Safety Traffic and Parking Improvements	25,751 SY	28,700	11/2014	10/2018

9. FUTURE PROJECTS

INCLUDED IN THE FOLLOWING PROGRAM YEAR: N/A

INCLUDED IN THE NEXT THREE PROGRAM YEARS: N/A

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 it's 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 2018 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
WHS		MAY 2017

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
Pentagon Arlington, VA	Pentagon Corridor 8 Pedestrian Access Control Point

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
	141 13	87637	8,140

9. COST ESTIMATES

ITEM	UM	QUANTITY	UNIT COST	COST($000)
PRIMARY FACILITY				5,591
14113 Pedestrian Access Control Point	SF	2,801	866.75	(2,428)
85230 Pedestrian Bridge Structural Upgrade	LS	--	--	(1,941)
Built-in Equipment	LS	--	--	(1,222)
SUPPORTING FACILITIES				1,477
Water, Sewer, Gas	LS	--	--	(95)
Paving, Walks, Curbs And Gutters	LS	--	--	(47)
Storm Drainage	LS	--	--	(99)
Site Imp(1,057) Demo(96)	LS	--	--	(1,153)
Antiterrorism Measures	LS	--	--	(34)
Information Systems	LS	--	--	(49)
ESTIMATED CONTRACT COST				7,068
CONTINGENCY (5.00%)				353
SUBTOTAL				7,421
SUPERVISION, INSPECTION & OVERHEAD (5.70%)				423
DESIGN/BUILD - DESIGN COST (4.0000%)				297
TOTAL REQUEST (ROUNDED)				8,100
TOTAL REQUEST				8,140
EQUIPMENT FROM OTHER APPROPRIATIONS(NON ADD)				(1,023)

10. Description of Proposed Construction

Construct a new pedestrian access control point (PACP) prior to entry into the Pentagon at Corridor 8 with precast concrete walls, metal roof, and pier foundation. The scope includes all required security equipment and systems; intrusion detection system, information system (IT/communications); safety and surveillance measures; screening and unauthorized visitor personnel and hazardous materials detection capabilities; systems commissioning; utility services; lighting, heating, ventilation and air conditioning in conformance with current criteria.

Built-in equipment includes entry portals for access control.

Pedestrian Bridge Structural Enhancements include beam retrofit and modification and pier foundation to accommodate facility load.

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. Department of Defense principles for

1. COMPONENT	FY 2018 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
WHS		MAY 2017

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
Pentagon Arlington, VA	Pentagon Corridor 8 Pedestrian Access Control Point

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
	141 13	87637	8,140

10. Description of Proposed Construction (Continued)...
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.

Information systems include basic telephone, computer network, fiber optic, cable television, security and fire alarm systems and infrastructure.

Supporting facilities include demolition of the existing temporary pedestrian access control point and guard post all electric, information systems/IT/communication, water, sewer utility services, storm drainage, concrete walkway, ramp, paving, curbs, gutters, exterior lighting, and landscaping.

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: 2,801 SF ADQT: NONE SUBSTD: NONE

PROJECT:
Construction of a new permanent pedestrian access control facility meeting current AT/FP requirements at the Pentagon Corridor 8 entrance.

REQUIREMENT:
This project is required to replace the existing temporary and inadequately sized and configured screening facility and security systems. The new facility will allow employees to process through access control via automated entry portals (as is the case at other Pentagon PACPs), without constant attention by the officers. All attending officers will be able to focus on the screening of visitors. This new facility will also allow the Pentagon Force Protection Agency (PFPA) the space to operate biometric and multi-authentication device access control for employees, and enhanced screening capabilities for visitors not currently available in the existing facility due to space constraints for visitors and screening equipment. This project is needed to complete integration with other new pedestrian access control points recently constructed and programmed for construction at the Pentagon in order to maximize operational and maintenance efficiency and cost effectiveness.

CURRENT SITUATION:
The existing pedestrian access control check point system is located at the entrance to Corridor 8 at the Pentagon and was installed as a temporary solution for increased security requirements post 9/11. The current facility does not comply with current security, life safety, AT/FP, HSPD-12, ISMP, UFCs, WHS Building Code and other

1. COMPONENT	FY 2018 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
WHS		MAY 2017

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
Pentagon Arlington, VA	Pentagon Corridor 8 Pedestrian A Control Point

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
	141 13	87637	8,140

CURRENT SITUATION: (Continued)...
criteria as required for the safe, secure, and efficient processing of DoD pass holders and visitors. Furthermore, it does not provide optimal protection of the Pentagon tenants and attending police officers against unauthorized entry and threats due to its configuration on the Corridor 8 ramp. The existing temporary pedestrian access control check point does not physically restrict circulation around the side of the facility and requires a second forward deployed police booth to monitor the secure North Parking lot side.This design leads to inefficient use of manpower and a less secure ACP due to the fact that the current configuration does not fully barricade the ramp area. Additionally, the current temporary facility does not have the space to incorporate proven screening technologies, including biometric recognition systems planned to be implemented Pentagon-wide. This project is not sited in a 100-year flood plain.

IMPACT IF NOT PROVIDED:
If this project is not executed the deficient safety and the physical security design of the temporary facility will remain and continue to inefficiently utilize force protection resources to monitor and restrict access. The access control point would not be in compliance with current AT/FP, HSPD-12, ISMP, and other Federal, State and local codes and standards and regulations which have recently been and are being implemented at other access control points at the Pentagon.

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.

12. SUPPLEMENTAL DATA:
A. Estimated Design Data:
(1) Status:

(a) Design Start Date.....	MAR 2016
(b) Percent Complete as of January 2017.	35
(c) Design Complete Date.....	OCT 2018

(f) Type of Design Contract: Design-build

(2) Basis:
(a) Standard or Definitive Design: NO

(3) Total Design Cost (c) = (a)+(b) OR (d)+(e):	($000)
(a) Production of Plans and Specifications.....	0

1. COMPONENT	FY 2018 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
WHS		MAY 2017

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
Pentagon Arlington, VA	Pentagon Corridor 8 Pedestrian Access Control Point

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
	141 13	87637	8,140

12. SUPPLEMENTAL DATA: (Continued)...

A. Estimated Design Data:

(b) All Other Design Costs.....	554
(c) Total Design Cost.....	554
(d) Contract.....	524
(e) In-house.....	30
(4) Contract Award.....	MAR 2018
(5) Construction Start.....	SEP 2018
(6) Construction Completion.....	MAR 2020

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	1,023

1. COMPONENT	FY 2018 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
WHS		MAY 2017

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
Pentagon Arlington, VA	Southeast Safety Traffic and Parking Improvements

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
	851 10	91474	28,700

9. COST ESTIMATES

ITEM	UM	QUANTITY	UNIT COST	COST($000)
PRIMARY FACILITY				7,862
85110 Realignment of Eads Street	SY	11,330	441.29	(5,000)
85110 South Rotary Road Improvements	SY	14,420	98.13	(1,415)
14113 Traffic Control Post	SF	700	2067.33	(1,447)
SUPPORTING FACILITIES				17,054
Electric Service	LS	--	--	(2,057)
Paving, Walks, Curbs And Gutters	LS	--	--	(3,171)
Storm Drainage	LS	--	--	(1,178)
Site Imp(6,960) Demo(2,555)	LS	--	--	(9,515)
Other	LS	--	--	(1,133)
ESTIMATED CONTRACT COST				24,916
CONTINGENCY (5.00%)				1,246
SUBTOTAL				26,162
SUPERVISION, INSPECTION & OVERHEAD (5.70%)				1,491
DESIGN/BUILD - DESIGN COST (4.0000%) TOTAL				1,046
REQUEST (ROUNDED)				29,000
TOTAL REQUEST				28,700
EQUIPMENT FROM OTHER APPROPRIATIONS(NON ADD)				(300)

10. Description of Proposed Construction

Realignment of Eads Street: Realign existing road, repave with reinforced concrete at the intersections with an asphalt connecting portion, and markings; installation of traffic signals and overhead lighting fixtures with electrical service; relocation of traffic signal at Eads Street and installation of traffic signals at Fern Street.

Traffic Control Post (TCP) consists of: Pre-engineered booth with operational systems for traffic control infrastructure and associated electrical service. Information systems include basic telephone, computer network, fiber optic, and security infrastructure.

South Rotary Road Improvements: Reconstruct South Rotary Road with reinforced concrete roadway and markings.

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 and

1. COMPONENT	FY 2018 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
WHS		MAY 2017

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
Pentagon Arlington, VA	Southeast Safety Traffic and Parking Improvements

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
	851 10	91474	28,700

10. Description of Proposed Construction (Continued)...
Chesapeake Bay Act pollutant reduction features will be included in the design and construction of this project as appropriate.

Electrical Service: Electrical utilities include distribution systems, parking lot and roadway lighting, duct banks, and telecommunications infrastructure and other site utilities (above and below ground).

Paving, Walks, Curbs and Gutters: Includes repaving of the parking area east of Eads Street and a portion of the lot west of Eads Street.

Storm Drainage: Includes storm water lines.

Site Improvements: Site preparation includes site clearing, excavation and preparation for construction. Constructs sidewalks, curbs, gutters, landscaping, signage, grading, exterior furnishings, guardrails, bike racks, passive and active vehicle barriers, and traffic control arms.

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.

Demolition: Includes removal of existing roadway and parking surfaces, concrete curb and gutter, planters, light poles, bus shelters, manholes and storm drainage piping.

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: 25,750 SY ADQT: NONE SUBSTD: 25,750 SY

PROJECT:
This project will realign Eads Street and relocate a traffic signal, signalize Fern Street, improve pedestrian traffic flow, repave the southeast portion of parking area on the Reservation, reconstruct South Rotary Road with concrete, and construct a TCP for the dedicated bus lanes in the southeast area of the Reservation.

REQUIREMENT:
The Pentagon requires roads and parking areas in the southeast area that are safe, efficient, and secure. The southeast area is the primary gateway for the Pentagon’s 23,000+ employees accessing the building via the Corridor 2 Entrance and Metro Entrances. The southeast area roadways and intersections carry 70+ Metro, local, and regional bus lines as well as 18 DoD shuttles serving the National Capital Region –

1. COMPONENT	FY 2018 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
WHS		MAY 2017

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
Pentagon Arlington, VA	Southeast Safety Traffic and Parking Improvements

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
	851 10	91474	28,700

REQUIREMENT: (Continued)...
all operating out of the Pentagon Transit Center (PTC). Eight informal rideshare routes pick-up and drop-off in the southeast area. Pentagon tours and the Pentagon Memorial also add to bus and pedestrian volumes throughout the area. Pentagon peak traffic periods are 6-9 AM and 3-6 PM with peak pedestrian traffic flows occurring along Fern Street (through both intersections at North and South Rotary Roads) and along South Rotary Road through the intersections at Connector Road and Eads Street. Corresponding vehicle volume coming into the southeast area at peak hours exceeds 1,600 cars and buses.

This project leverages and is coordinated with adjacent improvements being made by the Virginia Department of Transportation (VDOT), authorized through a U.S. Department of Transportation grant that constructs High Occupancy Toll lanes on I-395, a dedicated bus loop serving the PTC that diverts bus traffic around Eads Street and timed traffic signals on Eads Street. It is estimated for completion in late 2018 and will increase regional traffic flow onto the Reservation.

To improve safety and efficiency, the intersection at Connector Road and Eads Street is required to be realigned into a standard signalized 4-way intersection with North Rotary Road. This will eliminate the double intersection along North Rotary Road at Eads Street and Connector Road and will alleviate the major pedestrian/vehicle conflict points caused by this configuration. Additionally, sidewalks and crosswalks at intersections need to be widened and illuminated to provide safe pedestrian queuing and sufficient width for peak pedestrian volumes.

Further, traffic signalization is required at the Fern Street intersections of North and South Rotary Roads, primarily to address heavy pedestrian volumes which far exceed federal thresholds for signalization of intersections. Installation of signals at the Fern Street intersections will allow for substantial improvements in the efficiency and safety of traffic and pedestrian flow along North and South Rotary Roads, and through the four adjoining intersections.

Pavement on South Rotary Road and parking areas adjacent to Eads Street are also required to be reconstructed to support long term durability.

A limited-use TCP is required to be installed along the VDOT constructed bus loop prior to entry into the PTC. The TCP is required to provide the ability to secure access to the PTC during a variety of threat or force protection conditions.

CURRENT SITUATION:
Regional traffic flow, safety, parking, and security in the Pentagon’s southeast area and surrounding roadways has decreased over time due to the accommodation of ride share pickup points, multiple transit center configurations, and a general increase in adjacent off-Reservation traffic. The configuration of the Reservation roadways and surrounding areas leads to pedestrian and vehicular safety conflicts and inefficient

1. COMPONENT	FY 2018 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
WHS		MAY 2017

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
Pentagon Arlington, VA	Southeast Safety Traffic and Parking Improvements

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
	851 10	91474	28,700

CURRENT SITUATION: (Continued)...
traffic circulation in the southeast area of the Pentagon Reservation.

The two North Rotary Road intersections at Connector Road and Eads Street are only separated by 100 feet which is inefficient (the offset intersections require buses coming from Connector Road have to proceed back to Fern Street in order to double back down to Eads Street and the PTC). This causes congestion by not allowing for sufficient queuing of vehicles and pedestrians. Additionally, the double intersection causes pedestrian and vehicular conflict points, safety concerns, inefficient traffic delays and does not meet Federal Highway Administration standards. An existing conditions report showed that peak traffic delays cause these intersections to be rated at the lowest level of service. Currently there are no traffic signals, nor pedestrian countdown timers anywhere on the Reservation. As a result of the unregulated pedestrian flows through the intersections, drivers bypass congested areas by short-cutting through the parking rows. To attempt to mitigate the situation, police officers manually direct traffic from the centers of the intersections during AM and PM peaks. These twice daily work-arounds divert security staff from their core mission.

Further, the volume of heavy vehicles such as transit and tour buses that circulate around the Pentagon Reservation has increased as general traffic has increased on South Rotary Road. The roadway experiences asphalt rutting that is beginning to deform and degrade it, increasing the possibility of vehicle damage or unsafe driving conditions and requiring reconstruction with higher strength pavement.

The Pentagon currently has infrastructure along Eads Street to support traffic control for buses in higher force protection conditions or threat scenarios. However, this infrastructure will no longer be correctly positioned to control bus access to the PTC after the VDOT project completes the dedicated bus loop and buses no longer travel along Eads Street to reach the PTC.

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

IMPACT IF NOT PROVIDED:
The southeast area of the Reservation will continue to be an inefficient, and difficult to navigate, with inadequate pedestrian pathways, and intersections performing at degraded levels of service thereby delaying traffic. Unmetered high pedestrian flows will continue to cause unnecessary safety issues and delays. Transit buses coming over Connector Road will continue to be diverted north and then back around causing unnecessary additional vehicle movements through Fern Street intersections. The increasing daily population of the area has already shown to filter off the Reservation and clog up other roadways surrounding the Reservation and it will continue to do so in the absence of the proposed infrastructure improvements. The area will remain inadequate from a safety impacts perspective from the combination of transit buses and personal vehicles in a confined area. Failing to construct these

1. COMPONENT	FY 2018 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
WHS		MAY 2017

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
Pentagon Arlington, VA	Southeast Safety Traffic and Parking Improvements

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
	851 10	91474	28,700

IMPACT IF NOT PROVIDED: (Continued)...
improvements increases the likelihood of vehicle and pedestrian accidents from the commingling of pedestrians with commuter and personal vehicles and pedestrians. The requirement for police officers at the un-signalized intersections diverts resources away from core force protection tasks. Lack of signalization will require dedicated officers to conduct traffic control instead providing force protection. The VDOT provided dedicated bus loop will be operated without basic traffic control infrastructure failing to address long-standing bus traffic control concerns and reducing options to secure traffic coming into the PTC during certain threat situations.

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.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:	
(a) Design Start Date.....	NOV 2014
(b) Design Complete Date.....	OCT 2018
(c) Percent Complete as of January 2017.....	35
(d) Type of Design Contract:	Design/Build
(2) Basis:	
(a) Standard or Definitive Design: NO	
(3) Total Design Cost (c) = (a)+(b) OR (d)+(e):	($000)
(a) Production of Plans and Specifications.....	0
(b) All Other Design Costs.....	683
(c) Total Design Cost.....	683
(d) Contract.....	683
(e) In-house.....	0
(4)Contract Award.....	JUN 2018
(5) Construction Start.....	DEC 2018
(6) Construction Completion.....	JUN 2020

1. COMPONENT	FY 2018 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
WHS		MAY 2017

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
Pentagon Arlington, VA	Southeast Safety Traffic and Parking Improvements

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
	851 10	91474	28,700

12. SUPPLEMENTAL DATA:

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	2018	300

1. COMPONENT	FY 2018 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
WHS		MAY 2017

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
Pentagon Reservation (Raven Rock Mountain Complex)	Security Upgrades

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
	141 13	88963	13,260

9. COST ESTIMATES

ITEM	UM	QUANTITY	UNIT COST	COST($000)
PRIMARY FACILITY				4,346
14113 Vehicle Access Control Point	SF	1,600	1,128	(1,805)
14113 Pedestrian Access Control Point	SF	400	2,091	(837)
12413 Fuel Storage Facility	LS	--	--	(1,704)
SUPPORTING FACILITIES				7,165
Electric Service	LS	--	--	(909)
Paving, Walks, Curbs And Gutters	LS	--	--	(2,533)
Storm Drainage	LS	--	--	(261)
Site Imp(1,300) Demo(121)	LS	--	--	(1,421)
Information Systems	LS	--	--	(771)
Antiterrorism Measures	LS	--	--	(1,270)
ESTIMATED CONTRACT COST				11,511
CONTINGENCY (5.00%)				576
SUBTOTAL				12,087
SUPERVISION, INSPECTION & OVERHEAD (5.70%)				689
DESIGN/BUILD - DESIGN COST (4.00%)				483
TOTAL REQUEST (ROUNDED)				13,200
TOTAL REQUEST				13,260
EQUIPMENT FROM OTHER APPROPRIATIONS(NON ADD)				(736)

10. Description of Proposed Construction

Construct a Vehicle Access Control Point (VACP) consisting of a gatehouse, inspection canopies, auxiliary mechanical building, vehicle turn around, traffic control signals, lighting, building information systems, Intrusion Detection System (IDS), and fire alarm system.

Construct a new pedestrian access control point consisting of a gate house, operational space for screening procedures, bathroom, building information systems, Intrusion Detection System (IDS) installation, and fire alarm system.

Construct a fuel storage facility. Construction will include a new fuel drop-off location, storage tanks, distribution lines, and fuel conditioning 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.

Electric service will include underground distribution system to include conduit, cabling, and manholes.

Paving, Walks, Curbs, and Gutters will consist of replacing existing narrow roadway with a widened roadway for personnel safety, concrete islands and pads, sidewalks, and new parking lot.

1. COMPONENT	FY 2018 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
WHS		MAY 2017

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
Pentagon Reservation (Raven Rock Mountain Complex)	Security Upgrades

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
	141 13	88963	13,260

Storm Drainage includes drain boxes, storm drain crossings, and outfalls. Low Impact Development features will be included in the design and construction of this project as appropriate

Site Improvements will include clearing and grubbing, grading, and cut to fill excavation.

Demolition will consist of removal of existing paving, removal of existing guard booth, and material disposal.

Information Systems will include an underground communication cabling system. This system 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 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: 2,000 SF ADQT: NONE SUBSTD: 2,000 SF

PROJECT:
Construct a Vehicle Access Control Point (VACP) and modernize existing fuel system.

REQUIREMENT:
Provide vehicle and pedestrian access control in compliance with current security criteria. Additional information is classified and can be requested from WHS.

CURRENT SITUATION:
Currently the VACP and Personnel Screening are located at the existing fence line surrounding the facility at the Maryland Site. The existing deteriorated roadway is constructed of layers of surface treatment on a stone base, which was originally designed as a construction road. Potholes, steep slopes, and the bad condition of the road make navigation unsafe. The roadway also presents environmental problems due to a lack of storm water and erosion control devices. Additionally, the existing prefabricated guard booth is obsolete and has significant rusting along the concrete slab. Also, the supporting fuel system is required to be modernized.

This facility is not located in a 100-year flood plain.

IMPACT IF NOT PROVIDED:
If this project is not provided, WHS and other personnel will not be able to meet industry standards for systems at the Maryland Site. Physical security components such as the guard booth will continue to deteriorate, the fuel system will not meet modern standards, and the existing deteriorating roadway will remain a hazard to navigate.

1. COMPONENT	FY 2018 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
WHS		MAY 2017

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
Pentagon Reservation (Raven Rock Mountain Complex)	Security Upgrades

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
	141 13	88963	13,260

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.

Additional Classified information can be requested from WHS.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:	
(a) Design Start Date.....	NOV 2016
(b) Percent Complete as of January 2017.....	35
(c) Design Complete Date.....	OCT 2018
(d) Type of Design Contract: Design-build	
(2) Basis:	
(a) Standard or Definitive Design: NO	
(3) Total Design Cost (c) = (a)+(b) OR (d)+(e):	($000)
(a) Production of Plans and Specifications.....	0
(b) All Other Design Costs.....	988
(c) Total Design Cost.....	988
(d) Contract.....	750
(e) In-house.....	238
(4)Contract Award.....	FEB 2018
(5) Construction Start.....	NOV 2018
(6) Construction Completion.....	AUG 2020

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

Equipment Nomenclature	Procuring Appropriation	Fiscal Year Appropriated Or Requested	Cost ($000)
Furniture	PRMRF	2018	460
Info Sys	PRMRF	2019	276

FY2018 Energy Resilience and Conservation Investment Program (ERCIP)
Project List

Project No.	Location	State	Project Description		Project Cost ($000)	SIR*
Army						
80762	Tooele Army Depot	UT	Install 2 MW Solar PV		$6,400	1.6
85947	Dugway Proving Ground	UT	Install 2 MW Solar Array		$8,700	2.4
86353	Soto Cano Air Base	Honduras	Install 2.0 MW Ground-mount photovoltaic(PV) solar panels		$12,600	3.2
86464	Fort Indiantown Gap	PA	Install Water Distribution Lines, Potable		$2,700	1.4
87291	Fort Leonard Wood	MO	Install Combined Heat and Power System		$5,300	2.5
87391	88th RSC- Arden	MN	Install Multiple ECMs		$2,000	2.1
89118	MTC Marseilles	IL	Install Wind Turbine		$3,000	1.6
89135	Fort Bragg	NC	Install Phase III GSHP Historic District Phase 3a		$3,000	1.7
Army Program Totals				**8 Projects**	**$43,700**	2.4
USN						
P028	CFA Yokosuka / Japan	Japan	ECIP - CFA Yokosuka Smart Grid		$8,530	2.1
P232	NSA South Potomac - Indian Head	MD	Potable Water System (Central)		$10,790	2.0
P717	JBPHH / Hawaii	HI	ECIP - Salt Water Pumping System		$1,430	1.4
P1108	NSA Naples	Italy	C4i Chiller Replacement		$2,700	2.4
P-186	NAVSTA Everett	WA	ENERGY - Building Recommissiong & Modernization		$1,970	1.8
P-710	NSA Andersen	Guam	885KW Solar BIPV for 6 Bldgs.		$5,880	1.5
P-879	NAVBASE Guam	Guam	Energy Efficient Lights/HVAC/DHW		$2,160	5.8
P-889	NAVBASE Guam	Guam	R22 HVAC & LED Lighting		$6,920	2.9
USN Program Totals				**8 Projects**	**$40,380**	2.3
USAF						
GHLN112100	FEWarren ARB	WY	Install GSHP at Missile Alert Facilities (MAFs)		$4,500	1.9
GLEN181301	Schriever AFB	CO	Upgrade to CO-GEN Microgrid		$15,260	2.4
KRSM 163009	Hill AFB	UT	Energy Resilience Micro-Grid		$8,467	1.7
NZAS166003	Malmstrom AFB	MO	Install GSHP at Missile Alert Facilities (MAFs)		$6,086	1.5
SMYU 16-3002A	Osan AB	Korea	ECIP: Basewide Natural Gas Conversion		$13,700	2.3
WEAS 15-9001	Louisville Intl AF	KY	Phase II Upgrade (HVAC)		$1,500	1.4
USAF Program Totals				**6 Projects**	**$49,513**	2.1
USMC						
P1487	Lejeune / New River	NC	Construct Solar Sunshades With Energy Storage, MCB Camp Lejeune		$9,750	1.2
P-938	MCBH Kaneohe Bay	HI	District CHW and DHW Plant for Bldgs 7046, 7047, 7057-7059		$6,185	1.7
USMC Program Totals				**2 Projects**	**$15,935**	1.4
DHA						
P-1601	NMC Portsmouth	VA	Replace Fluorescent Lighting with LED Lighting		$225	2.1
DHA Program Totals				**1 Project**	**$225**	2.1
NRO						
4680117662	ADF-SW/Las Cruces	NM	Ground Source Heat Pump for Health Services Bldg.		$247	1.1
NRO Program Totals				**1 Project**	**$247**	1.1
ERCIP Program Totals				**26 Projects**	**$150,000**	**2.14**

*SIR is Savings to Investment Ratio ($ est. discounted lifetime savings / $ invested)

Energy Resilience Projects (7 Projects)	**$59,163**	**1.89**
Energy Efficiency Subtotal (12 Projects)	**$52,620**	**2.36**
Renewable Energy Subtotal (5 Projects)	**$24,727**	**2.41**
Water Conservation Subtotal (2 Projects)	**$13,490**	**1.90**

1. COMPONENT	FY 2018 MILITARY CONSTRUCTION PROGRAM	2. DATE
		May 2017

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 2018 MILITARY CONSTRUCTION PROJECT DATA	2. Date
		May 2017

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 2018, $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 2018 MILITARY CONSTRUCTION PROGRAM	2. DATE
		May 2017
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	47,913	N/A	N/A

9. FUTURE PROJECTS

CATEGORY CODE	PROJECT TITLE	COST ($000)
Various	Minor Construction (FY 2019-2022)	251,681

10. MISSION OR MAJOR FUNCTION

Various

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES

None

1. Component	FY 2018 MILITARY CONSTRUCTION PROJECT DATA	2. Date
		May 2017

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	$47,913

9. COST ESTIMATES

Item		U/M	Quantity	Unit Cost	Cost ($000)
Unspecified Minor Construction		LS			$47,913
Defense Health Agency	(10,000)				
Defense Logistics Agency	(2,039)				
DOD Education Activity	(8,000)				
Missile Defense Agency	(3,000)				
National Security Agency	(3,000)				
Joint Chiefs of Staff	(11,490)				
U.S. Special Operations Command	(7,384)				
Defense Level Activities	(3,000)				

10. Description of Proposed Construction

Budget Subactivity: Unspecified Minor Construction

Title 10 USC 2805 provides statutory authority to carry out minor military construction projects not otherwise authorized by law. A minor military construction project is a military construction project (1) that is for a single undertaking at a military installation; and (2) that has an approved cost equal to or less than the amount specified by law as the maximum amount of a minor military construction project, currently $3,000,000 per project (Section 2802 of the National Defense Authorization Act for Fiscal Year 2015 amended Section 2805 of title 10 USC to raise the threshold for unspecified minor construction projects to $3,000,000, and to raise the threshold for unspecified minor construction projects to correct life, health, or safety deficiencies to $4,000,000).

11 Requirement:

The $47,913,000 for FY 2018 is considered a reasonable estimate to provide the numerous Defense Agencies and Activities supported by this account a capability to react to requirements for construction, alteration, or modification of facilities resulting from: (1) unforeseen situations affecting mission performance or safety of life or property; and (2) opportunities to attain greater efficiency of operation whereby investment costs are rapidly offset (amortized) through savings in maintenance and operation costs. A lump sum amount of $11,490,000 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 2018 MILITARY CONSTRUCTION PROGRAM	2. DATE
		May 2017

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	175,717	N/A	N/A

9. FUTURE PROJECTS

CATEGORY CODE	PROJECT TITLE	COST ($000)
Various	Planning and Design (FY 2019-2022)	959,337

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 2018 MILITARY CONSTRUCTION PROJECT DATA	2. Date
		May 2017

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	$175,717

9. COST ESTIMATES

Item		U/M	Quantity	Unit Cost	Cost ($000)
Planning and Design					$175,717
Defense Health Agency	(40,220)				
Defense Information Systems Agency	(1,150)				
Defense Logistics Agency	(23,012)				
DoD Education Activity	(26,147)				
National Security Agency	(20,000)				
U.S. Special Operations Command	(39,746)				
Washington Headquarters Service	(1,942)				
Defense Level Activities	(13,500)				
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 2018 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 2018 budget request continues to separately identify planning and design funding associated with the Energy Resilience and Conservation Investment Program (ERCIP). The FY 2018 ECIP 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	2018	Unspecified Worldwide Locations	Contingency Construction	10,000
DEFW	ZU	2018	Unspecified Worldwide Locations	Energy Resilience and Conserv. Invest. Prog.	150,000
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	14,400
DEFW	ZU	2021	Unspecified Worldwide Locations	Energy Resilience and Conserv. Invest. Prog.	150,000
DEFW	ZU	2022	Unspecified Worldwide Locations	Contingency Construction	14,400
DEFW	ZU	2022	Unspecified Worldwide Locations	Energy Resilience and Conserv. Invest. Prog.	150,000
DHA	CA	2018	Camp Pendleton	Ambulatory Care Center Replacement	26,400
DHA	CO	2018	Schriever AFB	Ambulatory Care Center/Dental Add./Alt.	10,200
DHA	GA	2018	Fort Gordon	Blood Donor Center Replacement	10,350
DHA	GY	2018	Rhine Ordnance Barracks	Medical Center Replacement Incr 7	106,700
DHA	MD	2018	Bethesda Naval Hospital	Medical Center Addition/Alteration Incr 2	123,800
DHA	MO	2018	Fort Leonard Wood	Blood Processing Center Repalcement	11,941
DHA	MO	2018	Fort Leonard Wood	Hospital Replacement Ph 1	250,000
DHA	NC	2018	Camp Lejeune	Ambulatory Care Center Addition/Alteration	15,300
DHA	NC	2018	Camp Lejeune	Ambulatory Care Center/Dental Clinic	21,400
DHA	NC	2018	Camp Lejeune	Ambulatory Care Center/Dental Clinic	22,000
DHA	TX	2018	Fort Bliss	Blood Processing Center	8,300
DHA	TX	2018	Fort Bliss	Hospital Replacement Incr 8	251,330
DHA	GY	2019	Rhine Ordnance Barracks	Medical Center Replacement Incr 8	293,964
DHA	MD	2019	Bethesda Naval Hospital	MEDCEN Addition/Alteration Incr 3	206,200
DHA	NC	2019	New River	Ambulatory Care Center Repalcement	18,000
DHA	UK	2019	Croughton RAF	Ambulatory Care Center	9,500
DHA	UK	2019	Royal Air Force Lakenheath	Hospital Replacement	243,000
DHA	CA	2020	Travis AFB	Medical Warehouse Addition/Alteration	11,220
DHA	GB	2020	Guantanamo Bay	Hospital Replacement	250,920
DHA	GY	2020	Geilenkirchen AB	Ambulatory Care Center Replacement	27,540
DHA	HI	2020	Schofield Barracks	Ambulatory Care Center Alt & Parking Garage	132,131
DHA	MD	2020	Bethesda Naval Hospital	MEDCEN Addition/Alteration Incr 4	130,000
DHA	MD	2020	Fort Detrick	Admin Building Replacement (USAMRAA-HQ)	17,340
DHA	MD	2020	Patuxent River	Medical/Dental Clinic Replacement	66,300
DHA	MD	2020	Silver Spring	Armed Forces Health Surveillance Center	28,560
DHA	SC	2020	Joint Base Charleston	Medical Warehouse	21,420
DHA	TX	2020	Joint Base San Antonio	Laboratory & Veterinary Instructional Bldg	17,340
DHA	CA	2021	Point Loma Annex	Health Research Center Replacement	87,394
DHA	MD	2021	Bethesda Naval Hospital	Education and Research Building Add/Alt	410,958
DHA	AZ	2022	Fort Huachuca	Ambulatory Care Center Replacement	96,570
DHA	CA	2022	Camp Pendleton	Ambulatory Care Center Replacement	22,285

Organization	State Country	Fiscal Year	Location Title	Line Item Title	TOA Amount
DHA	CA	2022	Camp Pendleton	Ambulatory Care Center Replacement	27,591
DHA	GB	2022	Guantanamo Bay	Veterinary Clinic Replacement	7,428
DHA	MD	2022	Fort Detrick	Research Support Operations Center Replacemen	36,081
DHA	SC	2022	Beaufort	Hospital Replacement	160,242
DHA	WA	2022	Whidbey Island	Hospital Replacement (Oak Harbor)	169,793
DISA	ZU	2019	Various Locations	DISA Construction	2,640
DISA	ZU	2020	Various Locations	DISA Construction	2,665
DISA	ZU	2021	Various Locations	DISA Construction	2,665
DISA	ZU	2022	Various Locations	DISA Construction	2,665
DLA	FL	2018	Eglin AFB	Upgrade Open Storage Yard	4,100
DLA	GR	2018	Souda Bay	Construct Hydrant System	18,100
DLA	GU	2018	Andersen AFB	Construct Truck Load & Unload Facility	23,900
DLA	IT	2018	Sigonella	Construct Hydrant System	22,400
DLA	JA	2018	Iwakuni	Construct Bulk Storage Tanks PH 1	30,800
DLA	JA	2018	Okinawa	Replace Mooring System	11,900
DLA	JA	2018	Sasebo	Upgrade Fuel Wharf	45,600
DLA	NC	2018	Seymour Johnson AFB	Construct Tanker Truck Delivery System	20,000
DLA	SC	2018	Shaw AFB	Consolidate Fuel Facilities	22,900
DLA	UT	2018	Hill AFB	Replace POL Facilities	20,000
DLA	VA	2018	Norfolk	Replace Hazardous Materials Warehouse	18,500
DLA	VA	2018	Portsmouth	Replace Harardous Materials Warehouse	22,500
DLA	AK	2019	Eielson AFB	REPLACE PRE-FILTER FACILITY	3,700
DLA	AK	2019	Joint Base Elmendorf-Richardson	REPLACE OPERATIONS FACILITY	10,600
DLA	AR	2019	Little Rock AFB	ALTER HYDRANT FUEL SYSTEM	11,100
DLA	CA	2019	Defense Distribution Depot-Tracy	UPGRADE MAIN ACCESS CONTROL POINT	12,000
DLA	GU	2019	Def Fuel Support Point Guam	COVERT BULK TANKS	6,200
DLA	GY	2019	Ramstein AB	CONSTRUCT VEHICLE FUELING FACILITY	3,600
DLA	GY	2019	Stuttgart	RELOCATE RETAIL FUEL STATION	3,000
DLA	JA	2019	Iwakuni	CONSTRUCT FUEL PIER	26,500
DLA	JA	2019	Kadena AB	CONSTRUCT TRUCK OFFLOAD FACILITIES	12,800
DLA	ME	2019	Portland In Maine	CONSOLIDATED WAREHOUSE	10,700
DLA	MS	2019	Columbus AFB	REPLACE FUEL FACILITIES, B1918	2,900
DLA	NJ	2019	Joint Base Mcguire-Dix-Lakehurst	REPLACE HOT CARGO HYDRANT SYSTEM	8,700
DLA	OK	2019	Mcalester	REPLACE BULK DIESEL SYSTEM	3,600
DLA	TX	2019	Red River Army Depot	GENERAL PURPAOSE WAREHOUSE	59,700
DLA	VA	2019	Def Distribution Depot Richmond	OPERATIONS CENTER (PHASE 2)	52,000
DLA	VA	2019	Joint Base Langley-Eustis	REPLACE FUEL FACILITIES	6,500
DLA	VA	2019	Joint Base Langley-Eustis	REPLACE GVFF	6,000
DLA	WA	2019	Joint Base Lewis-Mcchord	CONSTRUCT REFUELING FACILITY	23,700
DLA	CA	2020	Beale AFB	Replace Aging Facilities	23,400
DLA	CA	2020	Miramar	RELOCATE 8	5,000

Organization	State Country	Fiscal Year	Location Title	Line Item Title	TOA Amount
DLA	GU	2020	Def Fuel Support Point Guam	CONSTRUCT REFUELING FACILITY XRAY WHARF	9,400
DLA	ID	2020	Mountain Home AFB	REPLACE HYDRANT SYSTEM	8,400
DLA	JA	2020	Iwakuni	CONSTRUCT BULK STORAGE TANKS PH2	23,540
DLA	JA	2020	Kadena AB	UPGRADE REFUELER PARKING AREA	2,400
DLA	JA	2020	Yokosuka	UPGRADE FUEL WHARF	14,200
DLA	OH	2020	Wright-Patterson AFB	REPLACE HYDRANT SYSTEM	12,000
DLA	OK	2020	Tulsa Iap	CONSTRUCT FUELS STORAGE COMPLEX	15,800
DLA	PA	2020	Def Distribution Depot New Cumberland	GENERAL PURPOSE WAREHOUSE (730)	56,000
DLA	RI	2020	Quonset State Airport	CONSTRUCTFUEL STORAGE COMPLEX	2,050
DLA	SD	2020	Ellsworth AFB	REPLACE TYPE 3 HYDRANT SYSTEM	28,000
DLA	TK	2020	Incirlik AB	CONSTRUCT HYDRANT FUEL SYSTEM,	24,900
DLA	TX	2020	Fort Hood, Texas	REPLACE FUELING FACILITY	13,500
DLA	WI	2020	Gen Mitchell IAP	REPLACE POL FACILITIES	25,000
DLA	WK	2020	Def Fuel Spt Point Wake Island	REPLACE FUEL STORAGE COMPLEX	1,785
DLA	CA	2021	Travis AFB	CONSTRUCT MILITARY SERVICE STATION	4,500
DLA	HI	2021	Joint Base Pearl Harbor-Hickam	CONSTRUCT GENERAL PURPOSE WAREHOUSE	55,000
DLA	JA	2021	Atsugi	CONSTRUCT BULK STORAGE TANK	19,400
DLA	JA	2021	Okinawa	CONSTRUCT TRUCK OFF LOAD SYSTEM	4,000
DLA	JA	2021	Yokota AB	CONSTRUCT BULK STORAGE TANKS	79,000
DLA	NC	2021	Cherry Point Marine Corps Air Station	Replace Fuel Operations and Lab	2,700
DLA	TX	2021	Dyess Air Force Base	REPLACE PUMP STATION	10,400
DLA	UK	2021	Royal Air Force Lakenheath	CONSTRUCT HOT PIT HYDRANT SYSTEM	17,700
DLA	WA	2021	Joint Base Lewis-Mcchord	CONSTRUCT GV FUEL FACILITIES	7,900
DLA	WA	2021	Joint Base Lewis-Mcchord	REPLACE FUELFACILTITIES (LEWIS MAIN)	6,800
DLA	WA	2021	Manchester	REPLACE BULK STORAGE TANKS (PH-1)	63,000
DLA	AK	2022	Eielson AFB	REPLACE FUELS OPERATIONS AND LAB	4,200
DLA	AZ	2022	Davis-Monthan AFB	REPLACE GROUND FUELINGFACILITIES	3,900
DLA	AZ	2022	Luke AFB	REPLACE REFUELER PARKING AND OPS FACILITY	8,100
DLA	CA	2022	Barstow	CONSTRUCT CONCRETE LOT 490	4,000
DLA	CA	2022	Beale AFB	CONSTRUCT FUEL FACILITIES	3,400
DLA	CA	2022	Camp Pendleton, California	REPLACE ACU 5 FUEL SYSTEM	2,100
DLA	CA	2022	Defense Distribution Depot-Tracy	PAVE OPEN STORAGE (SOUTH OF WHSE 13)	4,000
DLA	CA	2022	Defense Fuel Support Point-San Diego	CONSOLIDATE DFSP OPERATIONS AND MAINTENANCE	8,826
DLA	CA	2022	Twentynine Palms, California	CONSTRUCT FUEL FACILITY CAMP WILSON	9,500
DLA	CA	2022	Vandenberg AFB	CONSTRUCT GOVERNMENT FUEL STATION	2,150
DLA	CO	2022	Buckley Air Force Base	REPLACE MILITARY SERVICE STATION	5,600
DLA	FL	2022	Eglin AFB	CONSTRUCT SEA WALL N-S	5,000
DLA	FL	2022	Patrick AFB	REPLACE GROUND FUEL TANKS	1,600
DLA	GA	2022	Robins AFB	UPGRADE HYDRANT SYSTEMS B-39	20,500
DLA	GA	2022	Savannah/Hilton Head IAP	REPLACE FUELS STORAGE COMPLEX	18,000
DLA	GY	2022	Ramstein AB	CONSOLIDATE FUEL OPERATIONS FACILITY	3,500

Organization	State Country	Fiscal Year	Location Title	Line Item Title	TOA Amount
DLA	JA	2022	Atsugi	CONSTRUCT IN-BOUND FILTRATION	2,200
DLA	JA	2022	Camp Fuji	CONSTRUCT VEHICLE REFUELING STATION	2,800
DLA	JA	2022	Misawa AB	CONSTRUCT TRUCK OFFLOAD FACILITY	4,400
DLA	JA	2022	Yokosuka	REPLACE GV FUEL FACILITY	4,700
DLA	LA	2022	Barksdale AFB	REPLACE PETROLEUM OPERATIONS FACILITY	2,300
DLA	MO	2022	Whiteman AFB	REPLACE FLIGHT LINE FILL STATION	11,800
DLA	ND	2022	Minot AFB	REPLACE PETROLEUM OPERATIONS FACILITY	3,400
DLA	NE	2022	Offutt AFB	CONSTRUCT MILITARY SERVICE STATION	2,300
DLA	NM	2022	Kirtland AFB	REPLACE FUEL TANKS, PIPING BLDG 1401	1,520
DLA	NV	2022	Nellis AFB	CONSTRUCT HYDRANT FUEL SYSTEM	29,000
DLA	NY	2022	Fort Drum, New York	CONSTRUCT GROUND VEHICLE FUELING FACILITIES	3,000
DLA	OH	2022	Columbus Center	CONSTRUCT HR OPERATIONS CENTER	19,000
DLA	OK	2022	Vance AFB	REPLACE PUMPHOUSE FACILITY	1,600
DLA	SC	2022	Shaw AFB	CONSTRUCT HYDRANT FUEL SYSTEM	29,500
DLA	SD	2022	Ellsworth AFB	REPLACE BULK STORAGE TANKS	8,600
DLA	SD	2022	Ellsworth AFB	REPLCE HYDRANT SYSTEM SOUTH RAMP	32,000
DLA	TN	2022	Arnold Air Force Base	CONSOLIDATE FUEL OPERATIONS FACILITY	1,200
DLA	VA	2022	Joint Base Langley-Eustis	REPLACE REFUELER PARKING AREA	2,400
DLA	WA	2022	Fairchild AFB	CONSTRUCT FLIGHTLINE SERVICE STATION	1,100
DLA	WK	2022	Def Fuel Spt Point Wake Island	CONSTRUCT ASPHALT ROAD	5,600
DLA	WV	2022	Camp Dawson	CONSTRUCT FUEL FACILITY	1,100
DODEA	GY	2018	Spangdahlem AB	Spangdahlem Elementary School Replacement	79,141
DODEA	GY	2018	Stuttgart	Robinson Barracks Elem. School Replacement	46,609
DODEA	IT	2018	Vicenza	Vicenza High School Replacement	62,406
DODEA	PR	2018	Punta Borinquen	Ramey Unit School Replacement	61,071
DODEA	BE	2019	Brussels	Europe West DSO - New	12,000
DODEA	GA	2019	Fort Benning	Georgia-Alabama DSO-Replace Facility	12,960
DODEA	GY	2019	Kaiserlautern AB	Kaiserslautern MS Replacement	72,207
DODEA	GY	2019	Weisbaden	Aukamm ES Replacement	42,345
DODEA	JA	2019	Yokosuka	Kinnick HS Replacement	157,138
DODEA	JA	2019	Yokota AB	Bechtel ES Renovation	98,700
DODEA	KY	2019	Fort Campbell, Kentucky	Ft Campbell HS - Renovate for Wassom MS	37,248
DODEA	GY	2020	Kaiserlautern AB	New Kaiserslautern DSO	12,000
DODEA	GY	2020	Landstuhl	Landstuhl ES/MS Replacement	55,472
DODEA	JA	2020	Yokota AB	Mendel ES-Renovation/Replacement	79,615
DODEA	JA	2020	Yokota AB	New Yokota DSO	12,000
DODEA	NC	2020	Fort Bragg	Ft Bragg DSO Addition	12,000
DODEA	PR	2020	Fort Buchanan	Antilles HS Replacement	65,918
DODEA	GY	2021	Ramstein AB	EIC Project-New School	64,183
DODEA	JA	2021	Kadena AB	Kadena HS Replacement/Renovation	156,013
DODEA	JA	2021	Yokosuka	Sullivans ES Replacement	81,804

Organization	State Country	Fiscal Year	Location Title	Line Item Title	TOA Amount
DODEA	VA	2021	Dahlgren	Dahlgren School Replacement	31,110
DODEA	GY	2022	Baumholder	Baumholder MS/HS Replacement	40,415
DODEA	GY	2022	Baumholder	Smith ES Replacement	48,944
DODEA	GY	2022	Ramstein AB	EIC Project-New School	65,417
DODEA	JA	2022	Kadena AB	Replace Stearley Heights Elementary School	116,394
DODEA	NC	2022	Fort Bragg	Albritton MS-Replacement	42,225
MDA	AK	2019	Clear AFS	Long Range Discrim Radar Sys Complex Ph2	150,000
MDA	ZU	2021	Unspecified Worldwide Locations	Pacific Radar	212,000
MDA	AL	2022	Redstone Arsenal	Consolidated Test Center	177,900
NGA	MO	2018	St Louis	Next NGA West (N2W) Complex Ph1	381,000
NGA	MO	2019	St Louis	Next NGA West (N2W) Complex Ph 2	439,100
NSA	HI	2018	Kunia	NSAH Kunia Tunnel Entrance	5,000
NSA	MD	2018	Fort Meade	NSAW Recapitalize Building #2 Incr 3	313,968
NSA	UK	2018	Menwith Hill Station	RAFMH Main Gate Rehabilitation	11,000
NSA	MD	2019	Fort Meade	NSAW Recap Building 3A	22,123
NSA	MD	2019	Fort Meade	NSAW Recapitalize Building #2 Incr 4	238,000
NSA	MD	2019	Fort Meade	NSAW Recapitalize Building #3 Inc 1	99,000
NSA	MD	2020	Fort Meade	NSAW Recap Building 3A	209,000
NSA	MD	2020	Fort Meade	NSAW Recapitalize Building #3 Inc 2	229,000
NSA	MD	2021	Fort Meade	NSAW Recap Building 3A	104,000
NSA	MD	2021	Fort Meade	NSAW Recapitalize Building #3 Inc 3	224,000
NSA	MD	2022	Fort Meade	Access Control Facility	25,000
NSA	MD	2022	Fort Meade	NSAW Recap Building 4, Incr 1	99,000
NSA	MD	2022	Fort Meade	NSAW Recapitalize Building #3 Inc 4	223,000
NSA	MD	2022	Fort Meade	NSAW Vehicle Control Inspection Facility	55,000
SOCOM	CA	2018	Camp Pendleton	SOF Marine Battalion Company/Team Facilities	9,958
SOCOM	CA	2018	Camp Pendleton	SOF Motor Transport Facility Expansion	7,284
SOCOM	CA	2018	Coronado	SOF Basic Training Command	96,077
SOCOM	CA	2018	Coronado	SOF Logistics Support Unit One Ops Fac. #3	46,175
SOCOM	CA	2018	Coronado	SOF SEAL Team Ops Facility	66,218
SOCOM	CA	2018	Coronado	SOF SEAL Team Ops Facility	50,265
SOCOM	FL	2018	Eglin AFB	SOF Simulator Facility	5,000
SOCOM	FL	2018	Hurlburt Field	SOF Combat Aircraft Parking Apron	34,700
SOCOM	FL	2018	Hurlburt Field	SOF Simulator & Fuselage Trainer Facility	11,700
SOCOM	JA	2018	Kadena AB	SOF Maintenance Hangar	3,972
SOCOM	JA	2018	Kadena AB	SOF Special Tactics Operations Facility	27,573
SOCOM	JA	2018	Torri Commo Station	SOF Tactical Equipment Maintenance Fac	25,323
SOCOM	JA	2018	Yokota AB	Airfield Apron	10,800
SOCOM	JA	2018	Yokota AB	Hangar/Aircraft Maintenance Unit	12,034
SOCOM	JA	2018	Yokota AB	Operations and Warehouse Facilities	8,590
SOCOM	JA	2018	Yokota AB	Simulator Facility	2,189

Organization	State Country	Fiscal Year	Location Title	Line Item Title	TOA Amount
SOCOM	NC	2018	Camp Lejeune	SOF Human Performance Training Center	10,800
SOCOM	NC	2018	Camp Lejeune	SOF Motor Transport Maintenance Expansion	20,539
SOCOM	NC	2018	Fort Bragg	SOF Human Performance Training Ctr	20,260
SOCOM	NC	2018	Fort Bragg	SOF Support Battalion Admin Facility	13,518
SOCOM	NC	2018	Fort Bragg	SOF Tactical Equipment Maintenance Facility	20,000
SOCOM	NC	2018	Fort Bragg	SOF Telecomm Reliability Improvements	4,000
SOCOM	NM	2018	Cannon AFB	SOF C-130 AGE Facility	8,228
SOCOM	VA	2018	Joint Expeditionary Base Little Creek - Story	SOF SATEC Range Expansion	23,000
SOCOM	XC	2018	Classified Location	Battalion Complex, PH 1	64,364
SOCOM	AZ	2019	Yuma	SOF Hangar	38,000
SOCOM	CA	2019	Camp Pendleton	SOF EOD Facility - West	2,103
SOCOM	CA	2019	Coronado	SOF ATC Applied Instruction Facility	15,053
SOCOM	CA	2019	Coronado	SOF ATC Training Facility	18,618
SOCOM	CA	2019	Coronado	SOF NSWCEN Close Quarters Combat Facility	12,969
SOCOM	CA	2019	Coronado	SOF NSWG-1 Operations Support Facility	19,410
SOCOM	CO	2019	Fort Carson	SOF Human Performance Training Center	9,100
SOCOM	CO	2019	Fort Carson	SOF Mountaineering Facility	10,893
SOCOM	FL	2019	Key West	SOF Watercraft Maintenance Facility	6,400
SOCOM	HI	2019	Pearl City	SOF Undersea Operational Training Facility	47,068
SOCOM	KY	2019	Fort Campbell	SOF Air/Ground Integration Urban Live Fire Ra	9,200
SOCOM	KY	2019	Fort Campbell	SOF Logistics Support Operations Facility	3,299
SOCOM	KY	2019	Fort Campbell	SOF Multi-Use Helicopter Training Facility	5,000
SOCOM	NC	2019	Fort Bragg	SOF Replace Maze and Tower	12,300
SOCOM	NC	2019	Fort Bragg	SOF SERE Resistance Training Laboratory Compl	20,500
SOCOM	VA	2019	Dam Neck	SOF Magazines	9,100
SOCOM	VA	2019	Little Creek	SOF Human Performance Training Center	12,389
SOCOM	WA	2019	Joint Base Lewis-Mcchord	SOF 22 STS Operations Facility	40,030
SOCOM	WA	2019	Keyport	SOF Coldwater Training/Austere Environment Fa	11,140
SOCOM	ZC	2019	Classified Location	Battalion Complex, PH2	42,500
SOCOM	ZU	2019	Unspecified Worldwide Locations	Facility Addition	6,200
SOCOM	ZU	2019	Unspecified Worldwide Locations	Maintenance Facility Addition	12,000
SOCOM	ZU	2019	Unspecified Worldwide Locations	Supply Support Facility	8,500
SOCOM	ZU	2019	Unspecified Worldwide Locations	Training Campus	11,875
SOCOM	AZ	2020	Yuma	SOF Military Free Fall Advanced Training Comp	44,800
SOCOM	AZ	2020	Yuma	SOF Ready Building	11,785
SOCOM	CA	2020	La Posta	SOF Camp Michael Mansoor Training Support Fac	30,676
SOCOM	FL	2020	Hurlburt Field	SOF Human Performance Training Center	7,500
SOCOM	FL	2020	Hurlburt Field	SOF Maintenance Training Facility	12,565
SOCOM	FL	2020	Hurlburt Field	SOF Special Tactics Operations Facility	30,804
SOCOM	GA	2020	Fort Benning	SOF RSTA Operations Facility	4,500
SOCOM	GA	2020	Fort Stewart	SOF Military Working Dog Facility	4,031

Organization	State Country	Fiscal Year	Location Title	Line Item Title	TOA Amount
SOCOM	GA	2020	Hunter Army Airfield	SOF Indoor/Outdoor Range	12,000
SOCOM	NC	2020	Fort Bragg	SOF Assessment and Selection Training Complex	9,903
SOCOM	NC	2020	Fort Bragg	SOF Group Headquarters	20,000
SOCOM	NC	2020	Fort Bragg	SOF Human Performance Training Center	15,867
SOCOM	NC	2020	Fort Bragg	SOF Operations Facility	3,500
SOCOM	NC	2020	Fort Bragg	SOF Operations Support Bldg	13,000
SOCOM	VA	2020	Dam Neck	SOF Demolition Training Compound Expansion	11,700
SOCOM	VA	2020	Fort Pickett	SOF SOUC Training Facility	30,478
SOCOM	VA	2020	Joint Expeditionary Base Little Creek - Story	SOF NSWG-10 Operations Facility	15,833
SOCOM	ZC	2020	Classified Location	Battalion Complex, Ph 3	42,500
SOCOM	ZU	2020	Unspecified Worldwide Locations	Headquarters Expansion	27,699
SOCOM	CA	2021	Coronado	SOF ATC Operations Support Facility	14,745
SOCOM	CA	2021	Coronado	SOF SERE Training Facility	15,338
SOCOM	CO	2021	Fort Carson	SOF Vehicle Maintenance Shop	10,116
SOCOM	FL	2021	Hurlburt Field	SOF AMU & Weapons Hangar	29,528
SOCOM	FL	2021	Hurlburt Field	SOF Combined Squadron Operations Facility	7,453
SOCOM	FL	2021	Hurlburt Field	SOF Small Arms Range	23,505
SOCOM	GA	2021	Hunter Army Airfield	SOF Consolidated Rigging Facility	25,000
SOCOM	HI	2021	Pearl City	SOF Dry Combat Submersible Ops Facility	19,850
SOCOM	KY	2021	Fort Campbell	SOF Human Performance Training Center	9,160
SOCOM	KY	2021	Fort Campbell	SOF SOAT-B HQ	23,750
SOCOM	NC	2021	Camp Lejeune	SOF Marine Special Operations Regiment HQ	13,400
SOCOM	NC	2021	Fort Bragg	SOF Close Quarters Combat Range	7,100
SOCOM	NC	2021	Fort Bragg	SOF D3915 RENOVATION BANK HALL	39,807
SOCOM	NC	2021	Fort Bragg	SOF Military Working Dog Facility	4,700
SOCOM	NC	2021	Fort Bragg	SOF Operations Facilty	40,000
SOCOM	NC	2021	Fort Bragg	SOF Tactical Equipment Maintenance Facility	8,012
SOCOM	VA	2021	Dam Neck	SOF Multi-Purpose Range	28,500
SOCOM	WA	2021	Joint Base Lewis-Mcchord	SOF Battalion Operations Facility	41,000
SOCOM	WA	2021	Joint Base Lewis-Mcchord	SOF Consolidated Rigging Facility	25,000
SOCOM	ZC	2021	Classified Location	Training Target Structure	5,200
SOCOM	ZU	2021	Unspecified Worldwide Locations	Squadron Headquarters	35,000
SOCOM	CA	2022	Corona	SOF UAV Avionics Maintenance and Storage Faci	9,000
SOCOM	CA	2022	Coronado	SOF Multi Purpose Canine Facility	5,390
SOCOM	CA	2022	Coronado	SOF NSWG-11 Headquarters	4,800
SOCOM	CA	2022	Coronado	SOF SEAL Team SEVENTEEN Ops Facility	18,200
SOCOM	CO	2022	Fort Carson	SOF Group HQs Expansion	10,000
SOCOM	FL	2022	Eglin AFB	SOF Combined Squadron Operations Facility	15,000
SOCOM	FL	2022	Hurlburt Field	SOF Combat Aircraft & Hot Cargo Pad	14,100
SOCOM	FL	2022	Key West	SOF Watercraft Storage Facility	6,000
SOCOM	GA	2022	Fort Benning	SOF Deployment Equipment Storage Facility	3,111

Organization	State Country	Fiscal Year	Location Title	Line Item Title	TOA Amount
SOCOM	GA	2022	Fort Benning	SOF Human Performance Training Center	10,101
SOCOM	GA	2022	Hunter Army Airfield	SOF Human Performance Training Center	12,583
SOCOM	HI	2022	Pearl City	SOF Indoor Dynamic Shooting Facility	10,900
SOCOM	JA	2022	Kadena AB	SOF Human Performance Training Center	10,446
SOCOM	JA	2022	Kadena AB	SOF Squadron Operations Facility	18,000
SOCOM	KY	2022	Fort Campbell	SOF HEAVY DROP RIGGING FACILITY	12,000
SOCOM	KY	2022	Fort Campbell	SOF Maritime Operations Facility	15,000
SOCOM	KY	2022	Fort Campbell	SOF Operations Facility	3,500
SOCOM	KY	2022	Fort Campbell	SOF Regiment and Battalion HQs	17,000
SOCOM	KY	2022	Fort Campbell	SOF Tactical Equipment Maintenance Facility	12,300
SOCOM	MS	2022	Stennis	SOF Human Performance Training Center	10,765
SOCOM	NC	2022	Camp Lejeune	SOF Paraloft Expansion	6,106
SOCOM	NC	2022	Camp Lejeune	SOF Training Tank Expansion	12,100
SOCOM	NC	2022	Fort Bragg	SOF Baffle Containment for Range 19C	7,014
SOCOM	NC	2022	Fort Bragg	SOF Battalion Operations Facility	40,603
SOCOM	NC	2022	Fort Bragg	SOF MI Battalion Operations Facility	11,378
SOCOM	NC	2022	Fort Bragg	SOF Mackall Company Operations Facilities	12,370
SOCOM	NC	2022	Fort Bragg	SOF Multi-Purpose Range Support Facility	7,500
SOCOM	NC	2022	Fort Bragg	SOF Renovate H-2639	6,419
SOCOM	NC	2022	Fort Bragg	SOF Supply Support Activity	8,000
SOCOM	NC	2022	Fort Bragg	SOF Tactical Equipment Maintenance Facility	14,500
SOCOM	NC	2022	Fort Bragg	SOF Training and Operations Facility	11,000
SOCOM	NM	2022	Cannon AFB	SOF Mobility Aerial Delivery Facility	19,500
SOCOM	NM	2022	Cannon AFB	SOF Squadron Operations Facility	10,300
SOCOM	VA	2022	Dam Neck	Camp Pendleton Land Initiative (PH 1)	12,000
SOCOM	VA	2022	Dam Neck	SOF Multi-Purpose Canine Facility	6,122
SOCOM	VA	2022	Dam Neck	SOF Training Facility Addition	12,300
SOCOM	VA	2022	Little Creek	SOF NSWG-4 Finger Piers	4,500
SOCOM	WA	2022	Joint Base Lewis-Mcchord	SOF Human Performance Training Center	12,583
SOCOM	WA	2022	Joint Base Lewis-Mcchord	SOF RSE Detachment Facility	6,000
SOCOM	WA	2022	Joint Base Lewis-Mcchord	SOF Tactical Equipment Maintenance Facility	26,000
WHS	VA	2018	Pentagon	Pentagon Corr 8 Pedestrian Access Control Pt	8,140
WHS	VA	2018	Pentagon	S.E. Safety Traffic and Parking Improvements	28,700
WHS	VA	2018	Pentagon	Security Updates	13,260
WHS	VA	2019	Pentagon	Pentagon North Village Secondary VACP & Fenci	11,943
WHS	VA	2019	Pentagon	West Modernization, COOP Parking & Security	23,000
WHS	VA	2020	Pentagon	Consolidated Maintenance Complex (RRMC)	29,000
WHS	VA	2020	Pentagon	Pentagon Backup Power Generator	5,550
WHS	VA	2021	Pentagon	Pentagon Corridor & Bridge Canopy	6,500
WHS	VA	2021	Pentagon	Perimeter Security Fencing & Erosion Controls	23,000
WHS	VA	2021	Pentagon	West End Safety Upgrade	7,000

Organization	State Country	Fiscal Year	Location Title	Line Item Title	TOA Amount
WHS	VA	2022	Pentagon	Outside Facility Controls Infrastructure	20,000
WHS	VA	2022	Pentagon	Pentagon South Parking Lot West End	17,000

1. Component	FY 2018 MILITARY CONSTRUCTION PROJECT DATA	2. Date
USSOCOM		MAY 2017

3. Installation and Location/UIC:	4. Project Title
VARIOUS	ERI: PLANNING AND DESIGN (OCO)

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
1140494BB		VARIOUS	1,900

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
ERI: PLANNING AND DESIGN	LS	-	-	1,900
CONTINGENCY (0%)				0
SUPERVISION, INSPECTION AND OVERHEAD (0%)				0
SUBTOTAL				1,900
TOTAL				1,900
TOTAL REQUEST				1,900

10. Description of Proposed Construction: Funds to be utilized under Title 10 United States Code (U.S.C.) 2807 for architectural and engineering services and construction design. Funding is required for regular program projects, unspecified minor construction, emergency construction, land appraisals, and special projects as directed. Engineering investigations, such as field surveys and foundation explorations, will be undertaken as necessary.

11. Requirement: All projects in a military construction program presented for approval 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 the congress. Based on this preliminary design, final plans and specifications are then prepared. These costs for architectural and engineering services and construction design are not provided for in the construction project cost estimates.

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