Department of Defense

Fiscal Year (FY) 2016 Budget Estimates

Military Construction

Family Housing

Defense-Wide

Justification Data Submitted to Congress

February 2015

FY 2016 Budget Estimates
Military Construction, Defense-Wide
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FY 2016 Military Construction, Defense-Wide
($ in Thousands)

State/Installation/Project	Authorization Request	Approp. Request	New/ Current Mission	Page No.
Alabama				
DOD Education Activity				
Fort Rucker				
Fort Rucker Elem/Primary School Consolidation/Replacement	46,787	46,787	C	82
Maxwell Air Force Base				
Elem/Middle School Replacement/Renovation	32,968	32,968	C	77
Arizona				
Defense Information Systems Agency				
Fort Huachuca				
JITC Buildings 52101/52111 Renovations	3,884	3,884	C	35
California				
Defense Logistics Agency				
Fresno Yosemite IAP				
Replace Fuel Storage and Distribution Facilities	10,700	10,700	C	40
Special Operations Command				
Camp Pendleton				
SOF Combat Service Support Facility	10,181	10,181	C	144
SOF Performance Resiliency Center-West	10,371	10,371	C	147
Coronado				
SOF Logistics Support Unit One Ops Facility #2	47,218	47,218	C	152
Colorado				
Special Operations Command				
Fort Carson				
SOF Language Training Facility	8,243	8,243	C	156
Delaware				
Defense Logistics Agency				
Dover Air Force Base				
Construct Hydrant Fuel System	21,600	21,600	C	43
Florida				
Special Operations Command				
Hurlburt Field				
SOF Fuel Cell Maintenance Hangar	17,989	17,989	C	160
MacDill Air Force Base				
SOF Operational Support Facility	39,142	39,142	C	164

FY 2016 Military Construction, Defense-Wide
($ in Thousands)

State/Installation/Project	Authorization Request	Approp. Request	New/ Current Mission	Page No.
Georgia				
Defense Logistics Agency				
Moody Air Force Base				
Replace Pumphouse and Truck Fillstands	10,900	10,900	C	46
Hawaii				
Defense Health Agency				
Kaneohe Bay				
Medical/Dental Clinic Replacement	122,071	122,071	C	3
Schofield Barracks				
Behavioral Health/Dental Addition	123,838	123,838	C	8
Kentucky				
DOD Education Activity				
Fort Knox				
Fort Knox High School Renovation/Middle School Addition	23,279	23,279	C	87
Special Operations Command				
Fort Campbell				
SOF Company Headquarters/Classrooms	12,553	12,553	C	168
Maryland				
National Security Agency				
Fort Meade				
NSAW Campus Feeders Phase 2	33,745	33,745	C	135
NSAW Recapitalize Building #2 Incr 1	782,332	34,897	C	137
Nevada				
Defense Logistics Agency				
Nellis Air Force Base				
Replace Hydrant Fuel System	39,900	39,900	C	49
New Mexico				
Defense Logistics Agency				
Cannon Air Force Base				
Construct Pumphouse and Fuel Storage	20,400	20,400	C	52
Special Operations Command				
Cannon Air Force Base				
SOF ST Operational Training Facilities	13,146	13,146	C	176
SOF Squadron Operations Facility	11,565	11,565	C	172

FY 2016 Military Construction, Defense-Wide
($ in Thousands)

State/Installation/Project	Authorization Request	Approp. Request	New/ Current Mission	Page No.
New York				
DOD Education Facility				
West Point				
West Point Elementary School Replacement	55,778	55,778	C	92
North Carolina				
DOD Education Activity				
Fort Bragg				
Butner Elementary School Replacement	32,944	32,944	C	97
Special Operations Command				
Camp Lejeune				
SOF Combat Service Support Facility	14,036	14,036	C	180
SOF Marine Battalion Company/Team Facilities	54,970	54,970	C	183
Fort Bragg				
SOF 21 STS Operations Facility	16,863	16,863	C	187
SOF Battalion Operations Facility	38,549	38,549	C	199
SOF Indoor Range	8,303	8,303	C	191
SOF Intelligence Training Center	28,265	28,265	C	202
SOF Special Tactics Facility Phase 2	43,887	43,887	C	194
Ohio				
Defense Health Agency				
Wright-Patterson Air Force Base				
Satellite Pharmacy Replacement	6,623	6,623	C	13
Oregon				
Defense Logistics Agency				
Klamath Falls IAP				
Replace Fuel Facilities	2,500	2,500	C	55
Pennsylvania				
Defense Logistics Agency				
Philadelphia				
Replace Headquarters	49,700	49,700	C	58
South Carolina				
DOD Education Activity				
Fort Jackson				
Pierce Terrace Elementary School Replacement	26,157	26,157	C	102

FY 2016 Military Construction, Defense-Wide
($ in Thousands)

State/Installation/Project	Authorization Request	Approp. Request	New/ Current Mission	Page No.
Texas				
Defense Health Agency				
Fort Bliss				
Hospital Replacement Incr 7	-	239,884	C	17
Joint Base San Antonio				
Ambulatory Care Center Phase 4	61,776	61,776	C	22
Virginia				
Defense Logistics Agency				
Fort Belvoir				
Construct Visitor Control Center	5,000	5,000	C	62
Replace Ground Vehicle Fueling Facility	4,500	4,500	C	64
Joint Base Langley-Eustis				
Replace Fuel Pier and Distribution Facility	28,000	28,000	C	67
Special Operations Command				
Joint Expeditionary Base Little Creek-Story				
SOF Applied Instruction Facility	23,916	23,916	C	206
CONUS Classified				
Special Operations Command				
Classified Location				
Operations Support Facility	20,065	20,065	C	213
Djibouti				
Defense Logistics Agency				
Camp Lemonnier				
Construct Fuel Storage and Distribution Facilities	43,700	43,700	C	70
Germany				
Defense Health Agency				
Rhine Ordnance Barracks				
Medical Center Replacement Incr 5	-	85,034	C	25
Spangdahlem Air Base				
Medical/Dental Clinic Addition	34,071	34,071	C	30
Defense Logistics Agency				
Spangdahlem Air Base				
Construct Fuel Pipeline	5,500	5,500	C	73

FY 2016 Military Construction, Defense-Wide
($ in Thousands)

State/Installation/Project	Authorization Request	Approp. Request	New/ Current Mission	Page No.
DOD Education Activity				
Garmisch				
Garmisch Elem/Middle School Addition/ Modernization	14,676	14,676	C	107
Grafenwoehr				
Grafenwoehr Elementary School Replacement	38,138	38,138	C	112
Stuttgart – Patch Barracks				
Patch Elementary School Replacement	49,413	49,413	C	117
Japan				
Special Operations Command				
Kadena Air Base				
Airfield Pavements	37,485	37,485	C	210
Spain				
DOD Education Activity				
Rota				
Rota Elementary and High School Additions	13,737	13,737	C	122
Poland				
Missile Defense Agency				
Redzikowo Base				
Aegis Ashore Missile Defense System Complex	169,153	169,153	C	128
Defense Level Activities/Worldwide Unspecified				
Energy Conservation Investment Program	150,000	150,000	C	216
Contingency Construction	-	10,000	C	218
Unspecified Minor Construction			C	220
Defense Health Agency	-	5,000		
Special Operations Command	-	15,676		
Joint Chiefs of Staff	-	8,687		
Defense Level Activities	-	3,000		
Total Minor Construction	**-**	**32,363**		

FY 2016 Military Construction, Defense-Wide
($ in Thousands)

State/Installation/Project	Authorization Request	Approp. Request	New/ Current Mission	Page No.
Planning and Design			C	222
Defense Logistics Agency	-	31,772		
DoD Education Activity	-	42,183		
National Geospatial Intelligence Agency	-	27,202		
National Security Agency	-	1,078		
Special Operations Command	-	31,628		
Washington Headquarters Services	-	3,041		
Defense Level Activities	-	13,500		
ECIP Design	-	10,000		
Total Planning and Design	**-**	**160,404**		
Total Military Construction, Defense-Wide	**2,520,517**	**2,300,767**		

FY 2016 BUDGET ESTIMATES
Military Construction, Defense-Wide

(Including Transfer of Funds)

For acquisition, construction, installation, and equipment of temporary or permanent public works, installations, facilities, and real property for activities and agencies of the Department of Defense (other than the military departments), as currently authorized by law, $2,300,767,000 to remain available until September 30, 2020: *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 $160,404,000 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 2016 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 Conservation Investment Program (ECIP) projects improve energy and water efficiency in existing facilities and consistently produce average savings of more than two dollars for every dollar invested. The ECIP is a well-managed program with clear, realistic and attainable goals.

The Administration continues to fund this program at $150 million in FY 2016. The Administration will ensure that the program produces high returns on this investment and develops new performance metrics.

In general, the ECIP 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 ECIP uses several project selection criteria, including:

- **Savings-to-Investment Ratio (SIR) and Simple Payback;**
- **Impact to the energy consumption at an individual installation;**
- **Implementation of technologies validated in a test bed demonstration program;**
- **Integration of multiple energy technologies to realize synergistic benefits;**
- **Integration of distributed generation or storage to improve energy security;**
- **Partnership opportunities with other federal agencies;**

The ECIP funds projects that save energy, reduce DOD's energy costs, or improve energy security. The program supports construction of new, high-efficiency energy systems and the improvement and modernization of existing systems. Projects are designed for minimum energy consumption. 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 2016 Base Budget Estimates
Military Construction, Defense-Wide
Agency Summary
($000)

	Authorization	Appropriations
Defense Health Agency	**348,379**	**673,297**
Defense Information Systems Agency	**3,884**	**3,884**
Defense Logistics Agency	**242,400**	**242,400**
DoD Dependents Education Activity	**333,877**	**333,877**
Missile Defense Agency	**169,153**	**169,153**
National Security Agency	**816,077**	**68,642**
U.S. Special Operations Command	**456,747**	**456,747**
Energy Conservation Investment Program	**150,000**	**150,000**
Contingency Construction	**-**	**10,000**
Minor Construction	**-**	**32,363**
Planning and Design	**-**	**160,404**
TOTAL	**2,520,517**	**2,300,767**

Defense Health Agency
FY 2016 Military Construction, Defense-Wide
($ in Thousands)

State/Installation/Project	Authorization Request	Approp. Request	New/ Current Mission	Page No.
Hawaii				
Marine Corps Base Kaneohe Bay				
Medical/Dental Clinic Replacement	122,071	122,071	C	3
Schofield Barracks				
Behavioral Health/Dental				
Clinic Addition	123,838	123,838	C	8
Ohio				
Wright-Patterson Air Base				
Satellite Pharmacy Replacement	6,623	6,623	C	13
Texas				
Fort Bliss				
Hospital Replacement Incr 7	-	239,884	C	17
Joint Base San Antonio				
Ambulatory Care Center Phase 4	61,776	61,776	C	22
Germany				
Rhine Ordnance Barracks				
Medical Center Replacement Incr 5	-	85,034	C	25
Spangdahlem Air Base				
Medical/Dental Clinic Addition	34,071	34,071	C	30
Total	**348,379**	**673,297**		

1. COMPONENT	**FY 2016 MILITARY CONSTRUCTION PROGRAM**	2. DATE
DEF (DHA)		FEB 2015

3. INSTALLATION AND LOCATION	4. COMMAND	5. AREA CONSTRUCTION COST INDEX
Marine Corps Base Kaneohe Bay, Hawaii	Commandant of the Marine Corps	2.17

6. PERSONNEL STRENGTH:	PERMANENT			STUDENTS			SUPPORTED			
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF SEP 30 2014	984	6,988	1,220	21	713	0	0	0	7,040	16,966
B. END FY 2020	982	6,985	1,230	11	631	0	0	0	7,040	16,879

7. INVENTORY DATA ($000)

A. TOTAL AREAGE	2,832 Acres	
B. INVENTORY TOTAL AS OF SEPTEMBER 30, 2014		3,468,022
C. AUTHORIZATION NOT YET IN INVENTORY		311,602
D. AUTHORIZATION REQUESTED IN THIS PROGRAM		122,071
E. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM		0
F. PLANNED IN NEXT THREE YEARS		0
G. REMAINING DEFICIENCY		0
H. GRAND TOTAL		3,901,695

8. PROJECTS REQUESTED IN THIS PROGRAM:

CATEGORY CODE	PROJECT NUMBER	PROJECT TITLE	SCOPE	COST ($000)	DESIGN START	STATUS COMPLETE
540	78150	Medical/Dental Clinic Replacement	N/A	122,071	07 / 2014	09 / 2015

9. FUTURE PROJECTS:

CATEGORY CODE	PROJECT TITLE	SCOPE	COST ($000)
A.	INCLUDED IN THE FOLLOWING PROGRAM (FY 2017):		None
B.	PLANNED NEXT THREE PROGRAM YEARS: (FY 2018 – 2020)		None
C.	R&M Unfunded Requirements		291,342

10. MISSION OR MAJOR FUNCTION:

MCB Hawaii supports the combat readiness of 3rd 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. Additionally, the installation supports and enhances the combat readiness of 1st Marine Aircraft Wing units and other Department of Defense units. MCB Hawaii supports Marine Forces Pacific Headquarters personnel.

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 2016 MILITARY CONSTRUCTION PROJECT DATA**	2. Date FEB 2015
3. Installation and Location/UIC: MCB Kaneohe Bay, Hawaii	4. Project Title: Medical/Dental Clinic Replacement	

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
87717HP	550	78150	122,071

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
PRIMARY FACILITIES				83,823
Medical Clinic Replacement CATCODE 55010	SF	71,662	843	(60,382)
Dental Clinic Replacement CATCODE 54010	SF	25,208	847	(21,351)
Additional Antiterrorism Measures	LS			(2090)
SUPPORTING FACILITIES				25,647
Electric Service	LS	--	--	(1,210)
Water, Sewer, Gas	LS	--	--	(1,093)
Paving, Walks, Curbs And Gutters	LS	--	--	(3,619)
Storm Drainage	LS	--	--	(4,335)
Site Imp (4,810) Demo (2,895)	LS	--	--	(4,135)
Information Systems	LS	--	--	(2,261)
Antiterrorism/Measures	LS	--	--	(220)
Special Foundations	LS	--	--	(1,411)
Other (O&M Manuals, CIDs Design During Construction, State General Excise Tax)	LS	--	--	(7,363)
ESTIMATED CONTRACT COST				109,470
CONTINGENCY PERCENT (5.00%)				5,474
SUBTOTAL				114,944
SUPERVISION, INSPECTION & OVERHEAD (6.20%)				7,127
TOTAL REQUEST				122,071
TOTAL REQUEST (ROUNDED)				122,071
INSTALLED EQT-OTHER APPROPRIATIONS				(17,361)

10. Description of Proposed Construction:
Construct a multi-story replacement clinic to provide primary medical care. Project will provide a medical/dental clinic for Navy and Marine Corps Medical Home (MCMH), outpatient behavioral health, occupational health, preventive medicine, physical therapy, optometry, diagnostic imaging, lab, pharmacy, ancillary patient and clinic support, dental and administrative departments. Supporting facilities include utilities, site improvements, emergency generator, access road, and parking. Project will demolish several buildings located on Marine Corps Base Hawaii, Kaneohe Bay, HI. Upon project completion the existing Branch Health Clinic will be transferred to the Marine Corps Base Hawaii for non-medical use. The project will be designed in accordance with Unified Facilities Criteria UFC 4-510-01, DoD Minimum Antiterrorism Standards of 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 10/31/08, Evidence-Based design principles, MHS World Class Checklist requirements. Project will be designed to LEED Silver Certified Rating. Operation and Maintenance Manuals, Enhanced Commissioning, Comprehensive Interior Design will be provided. Air Conditioning: 350 tons

11. REQ: 96,870 SF ADQT: NONE SUBSTD: 47,786 SF

PROJECT:
Construct a medical and dental clinic at Marine Corps Base Hawaii. (CURRENT MISSION)

1. Component DEF (DHA)	**FY 2016 MILITARY CONSTRUCTION PROJECT DATA**	2. Date FEB 2015
3. Installation and Location/UIC: MCB Kaneohe Bay, Hawaii	4. Project Title: Medical/Dental Clinic Replacement	

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
87717HP	550	78150	122,071

REQUIREMENT:
This project is required to provide modern medical and dental facilities to support readiness of Navy and Marine Corps personnel assigned to MCB Kaneohe Bay and deliver primary and ancillary care to other eligible beneficiaries in the local market.

CURRENT SITUATION:
The existing medical/dental clinic is located in Building 3089 and consists of a two-story structure to the west, one-story medical clinic 'pods' to the east, and a breezeway in between. The clinic functions are fragmented between the pods and both patient care and support areas suffer from significant space constraints. Physical Therapy is currently housed in a separate building located two blocks from the main clinic. Most active duty Marines receive primary care in a series of sub-standard aid stations dispersed throughout the installation. The shortage of space in the existing clinic and the dispersed aid stations preclude full implementation of the Marine Centered Medical Home (MCMH), an approach to care delivery proven to enhance readiness. The current clinic design and site conditions do not allow for expansion of the existing facility as a means to address the space deficiencies.

IMPACT IF NOT PROVIDED:
Medical and dental services at Marine Corps Base Kaneohe Bay will continue to be delivered in fragmented and sub-standard facilities. MCMH will not be fully implemented and medical readiness of operational forces will remain less than optimal.

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: JUL 2014
(b) Percent Complete As of 1 JAN 2015: 30%
(c) Expected 35% Design Date: JAN 2015
(d) Expected 100% Design Completion Date: SEP 2015
(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) 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	6,400
(b) All Other Design Costs	5,600

1. Component DEF (DHA)	**FY 2016 MILITARY CONSTRUCTION PROJECT DATA**	2. Date FEB 2015
3. Installation and Location/UIC: MCB Kaneohe Bay, Hawaii	4. Project Title: Medical/Dental Clinic Replacement	

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
87717HP	550	78150	122,071

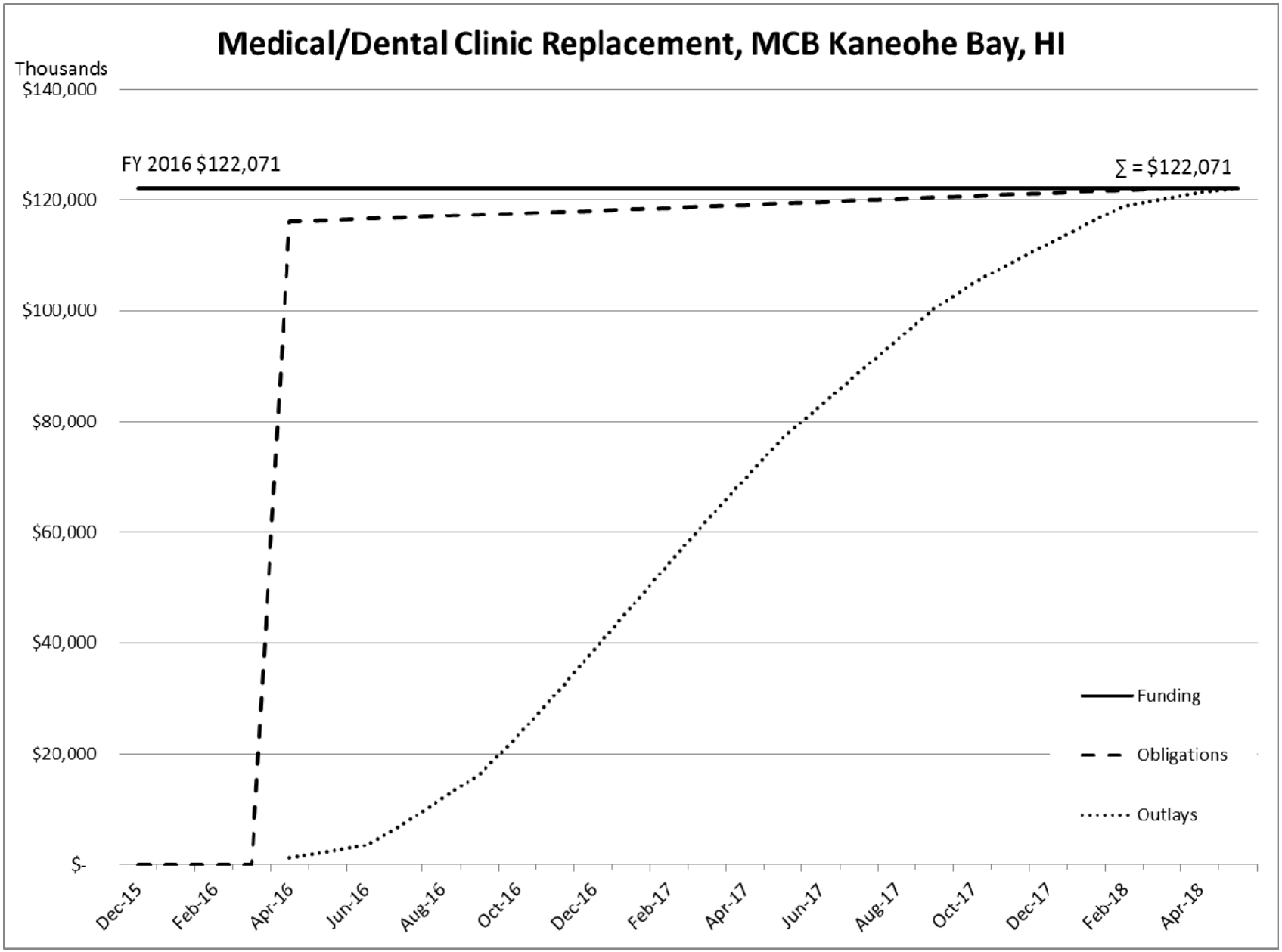
Supplemental Data (Continued):

(c) Total Design Cost	12,400
(d) Contract	10,000
(e) In-house	2,400
(4) Estimated Construction Contract Award Date	MAR 2016
(5) Estimated Construction Start Date	APR 2016
(6) Estimated Construction Completion Date	JUN 2018

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	2016	17,361

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


Medical/Dental Clinic Replacement, MCB Kaneohe Bay, HI
Thousands
$140,000
$120,000
$100,000
$80,000
$60,000
$40,000
$20,000
$-
FY 2016 $122,071
∑ = $122,071
Funding
Obligations
Outlays
Dec-15
Feb-16
Apr-16
Jun-16
Aug-16
Oct-16
Dec-16
Feb-17
Apr-17
Jun-17
Aug-17
Oct-17
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Feb-18
Apr-18

1. COMPONENT	FY 2016 MILITARY CONSTRUCTION PROGRAM	2. DATE
DEF (DHA)		FEB 2015

3. INSTALLATION AND LOCATION	4. COMMAND	5. AREA CONSTRUCTION COST INDEX
Schofield Barracks Hawaii	U.S. Army installation Management Command	2.08

6. PERSONNEL STRENGTH:	PERMANENT			STUDENTS			SUPPORTED			
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF JUL 30 2014	1,966	13,900	1,815	0	103	0	136	2,148	3,631	23,699
B. END FY 2020	2,026	14,202	1,630	0	121	0	136	2,148	3,107	23,370

7. INVENTORY DATA ($000)

A. TOTAL AREAGE	187,457 Acres	
B. INVENTORY TOTAL AS OF JULY 30, 2014		9,666,965
C. AUTHORIZATION NOT YET IN INVENTORY		0
D. AUTHORIZATION REQUESTED IN THIS PROGRAM		123,838
E. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM		0
F. PLANNED IN NEXT THREE YEARS		136,663
G. REMAINING DEFICIENCY		0
H. GRAND TOTAL		9,927,466

8. PROJECTS REQUESTED IN THIS PROGRAM:

CATEGORY CODE	PROJECT NUMBER	PROJECT TITLE	SCOPE	COST ($000)	DESIGN START	STATUS COMPLETE
550	80412	Behavioral Health/Dental Clinic Addition	79,006	123,838	07 / 2014	11 / 2015

9. FUTURE PROJECTS:

CATEGORY CODE	PROJECT TITLE	SCOPE	COST ($000)
A.	INCLUDED IN THE FOLLOWING PROGRAM (FY 2017):		None
B.	PLANNED NEXT THREE PROGRAM YEARS: (FY 2018 – 2020)		
550	Medical Clinic Alteration		136,663
C.	R&M Unfunded Requirements		0

10. MISSION OR MAJOR FUNCTION:

Schofield Barracks garrisons the 25th Infantry Division (Light), United States Army Hawaii and their supporting organizations including 45th Corps Support Group and U.S. Army Military Police Brigade - Hawaii. It provides on-post Army Family Housing (RCI units) for approximately 3400 families. Support includes training ranges, and maneuver areas, and it is a mobilization station for the 9th Regional readiness Command and Hawaii National Guard.

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 2016 MILITARY CONSTRUCTION PROJECT DATA**	2. Date FEB 2015
3. Installation and Location/UIC: Schofield Barracks, Hawaii	4. Project Title: Behavioral Health/Dental Clinic Addition	

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
87717D	550	80412	123,838

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
PRIMARY FACILITIES				68,028
Behavioral Health Clinic Addition CATCODE 55015	SF	43,785	545	(23,863)
Dental Clinic Addition CATCODE 54010	SF	32,792	797	(26,135)
Parking Garage CATCODE 85218	SP	429	37,937	(16,275)
Sub-Station Enclosure CATCODE 81320	LS	--	--	(576)
Additional Antiterrorism Measures	LS	--	--	(1,179)
SUPPORTING FACILITIES				37,904
Electric Service	LS	--	--	(13,000)
Water, Sewer, Gas	LS	--	--	(2,200)
Paving, Walks, Curbs And Gutters	LS	--	--	(2,000)
Storm Drainage	LS	--	--	(2,100)
Site Imp (8,100) Demo (735)	LS	--	--	(8,835)
Information Systems	LS	--	--	(980)
Antiterrorism Measures	LS	--	--	(720)
Special Foundations	LS	--	--	(328)
Other (O&M Manuals, CID, and Design During Construction, State General Excise Tax)	LS	--	--	(7,741)
ESTIMATED CONTRACT COST				105,932
CONTINGENCY PERCENT (5.00%)				5,297
SUBTOTAL				111,229
SUPERVISION, INSPECTION & OVERHEAD (6.50%)				7,230
DESIGN/BUILD COST				5,379
TOTAL REQUEST (UNROUNDED)				123,838
INSTALLED EQT-OTHER APPROPRIATIONS				(648)

10. Description of Proposed Construction:
Construct a behavioral health addition, dental clinic addition and a new parking structure. Supporting facilities include utilities, site improvements, access roads and parking. Demolish building 660 (22,962 SF). 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 Energy Conservation UFC 1-200-02. The project will be designed to LEED Silver Certified rating standard. Operation and Maintenance Manuals, Enhanced Commissioning, and Comprehensive Interior Design will be provided. Air Conditioning: 250 Tons.

11. REQ: 309,291 SF ADQT: 135,546 SF SUBSTD: 96,739 SF

PROJECT:
Construct a health clinic addition, dental clinic addition, new parking structure, and demolish Bldg. 660. (CURRENT MISSION)

REQUIREMENT:
This project is required to support efficient allocation of medical and dental services in the Hawaii market and to

1. Component DEF (DHA)	FY 2016 MILITARY CONSTRUCTION PROJECT DATA	2. Date FEB 2015
3. Installation and Location/UIC: Schofield Barracks, Hawaii	4. Project Title: Behavioral Health/Dental Clinic Addition	

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
87717D	550	80412	123,838

REQUIREMENT (Continued):
meet the evolving demand for care by active duty members and other eligible beneficiaries..

CURRENT SITUATION:
Schofield Barracks Health Clinic (SBHC) was originally constructed as a hospital in the 1920s and consists of 18 distinct buildings. SBHC provides primary and selected specialty care for the 25th Infantry Division and other eligible beneficiaries. The existing facility cannot support the increasing demand for behavioral health services. Dental care is provided inefficiently in two separate clinics. Parking is severely constrained and is a persistent problem for both patients and staff.

IMPACT IF NOT PROVIDED:
Demand will increasingly exceed capacity and patients will be forced to travel to Tripler Army Medical Center or other distant facilities to receive care. The dental clinics will continue to operate inefficiently and the shortage of parking will become more acute.

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	JUL 2014
(b) Percent of Design Completed as of 1 JAN 2015	10%
(c) Expected 35% Design Date (FINAL RFP):	JAN 2015
(d) 100% Design Completion Date:	NOV 2015
(e) Parametric Design (Yes or No) N	

(f) Type of Design Contract:
1. Design Build (YES/NO) Y (Clinic Addition)
2. Design, Bid-Build (YES/NO) Y (Parking Garage)
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	6,628
(b) All Other Design Costs	4,419
(c) Total Design Cost	11,047
(d) Contract	8,837
(e) In-house	2,210
(4) Construction Contract Award Date	MAR 2016
(5) Construction Start Date	MAY 2016

1. Component DEF (DHA)	**FY 2016 MILITARY CONSTRUCTION PROJECT DATA**	2. Date FEB 2015

3. Installation and Location/UIC:	4. Project Title:
Schofield Barracks, Hawaii	Behavioral Health/Dental Clinic Addition

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
87717D	550	80412	123,838

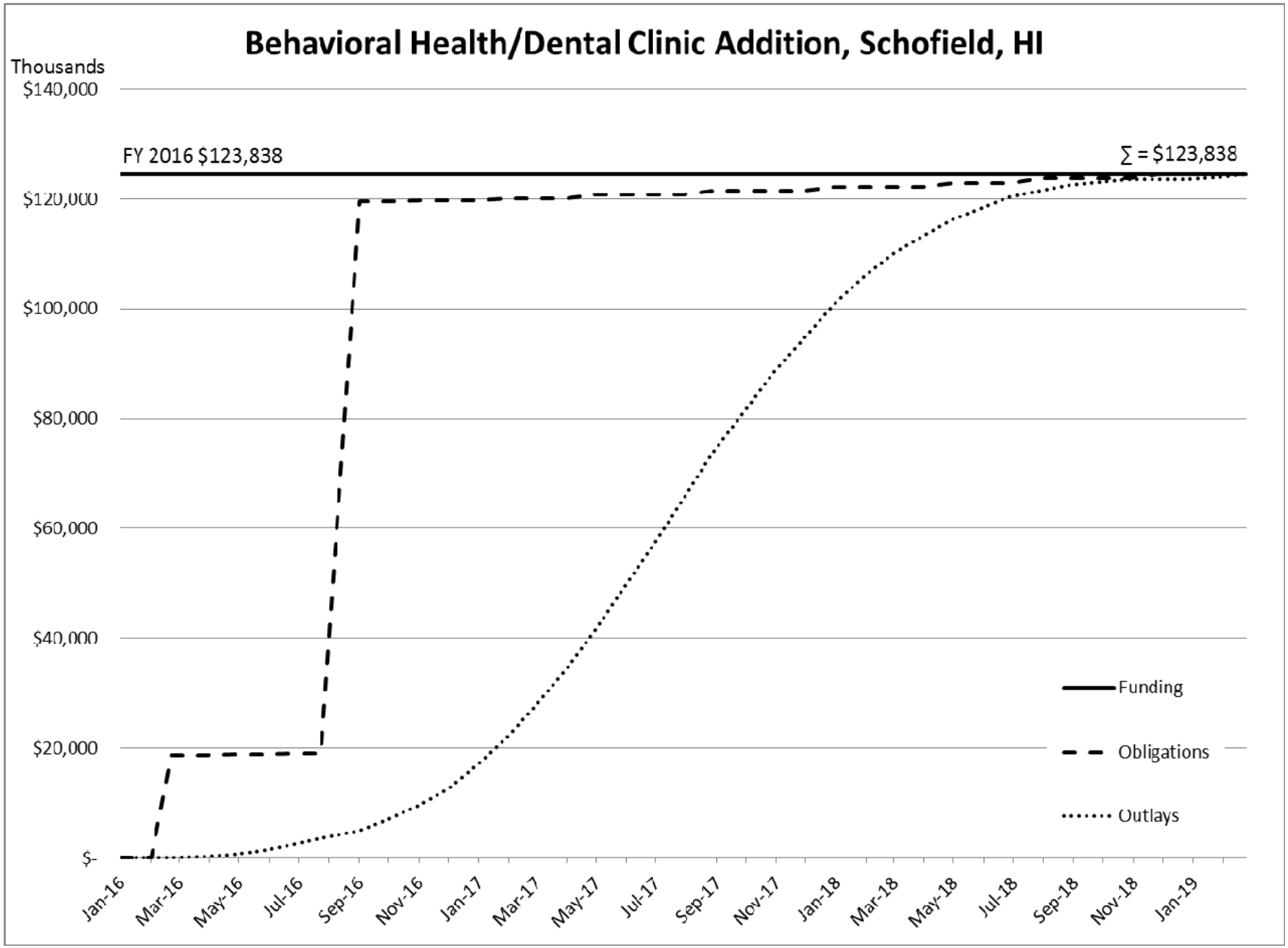
. Supplemental Data (continued):

(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)
Investment	OM	2016	11,224
Investment	OM	2017	33,673
Investment	OP	2018	648

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


Behavioral Health/Dental Clinic Addition, Schofield, HI
Thousands
$140,000
$120,000
$100,000
$80,000
$60,000
$40,000
$20,000
$-
FY 2016 $123,838
∑ = $123,838
Funding
Obligations
Outlays
Jan-16
Mar-16
May-16
Jul-16
Sep-16
Nov-16
Jan-17
Mar-17
May-17
Jul-17
Sep-17
Nov-17
Jan-18
Mar-18
May-18
Jul-18
Sep-18
Nov-18
Jan-19

1. COMPONENT	FY 2016 MILITARY CONSTRUCTION PROGRAM	2. DATE
DEF (DHA)		FEB 2015

3. INSTALLATION AND LOCATION	4. COMMAND	5. AREA CONSTRUCTION COST INDEX
Wright-Paterson Air Force Base, Ohio	Air Force Material Command	0.93

6. PERSONNEL STRENGTH:	PERMANENT			STUDENTS			SUPPORTED			
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF JUL 30 2014	2,375	2,587	12,295	612	68	90	0	0	0	18,027
B. END FY 2020	2,295	2,563	12,734	660	67	93	0	0	0	18,412

7. INVENTORY DATA ($000)

A. TOTAL AREAGE	8,145 Acres	
B. INVENTORY TOTAL AS OF JULY 30, 2014		15,676,464
C. AUTHORIZATION NOT YET IN INVENTORY		0
D. AUTHORIZATION REQUESTED IN THIS PROGRAM		6,623
E. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM		0
F. PLANNED IN NEXT THREE YEARS		0
G. REMAINING DEFICIENCY		0
H. GRAND TOTAL		15,683,087

8. PROJECTS REQUESTED IN THIS PROGRAM:

CATEGORY CODE	PROJECT NUMBER	PROJECT TITLE	SCOPE	COST ($000)	DESIGN START	STATUS COMPLETE
550	71642	Satellite Pharmacy Replacement	10,866	6,623	09 / 2011	10 / 2015

9. FUTURE PROJECTS:

CATEGORY CODE	PROJECT TITLE	SCOPE	COST ($000)
A.	INCLUDED IN THE FOLLOWING PROGRAM (FY 2017):		None
B.	PLANNED NEXT THREE PROGRAM YEARS: (FY 2018 – 2020)		0
550	Medical Clinic Alteration		
C.	R&M Unfunded Requirements		0

10. MISSION OR MAJOR FUNCTION:

Air Force Materiel Command headquarters which is responsible for management, control, and direction of research, acquisition and logistics support for air and space weapon systems and related components; Aeronautical Systems Center; Air Force Research Laboratory including directorates for Materials, Sensors, Air Vehicles, Human Effectiveness, and propulsion; Air Force Institute of Technology; Air Force Museum; Air Force Security Assistance Center; National Aerospace Intelligence Center; National Airborne Operations Center; and air base wing; Air Force Reserve Command airlift wing with C-17 aircraft; and an AMC airlift flight with C-21 aircraft.

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 2016 MILITARY CONSTRUCTION PROJECT DATA**	2. Date FEB 2015
3. Installation and Location/UIC: Wright Patterson Air Force Base, Ohio	4. Project Title: Satellite Pharmacy Replacement	

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
87717HP	550	71642	6,623

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
PRIMARY FACILITIES				4,409
Satellite Pharmacy Replacement CATCODE 510147	SF	10,246	389	(3,986)
Drive Through Canopy	SF	620	160	(99)
SDD, EPAct05, EISA 2007, and Renewable Energy	LS	--	--	(324)
SUPPORTING FACILITIES				1,252
Electric Service	LS	--	--	(104)
Water, Sewer, Gas	LS	--	--	(77)
Paving, Walks, Curbs And Gutters	LS	--	--	(152)
Storm Drainage	LS	--	--	(117)
Site Imp (629) Demo (0)	LS	--	--	(629)
Antiterrorism Measures	LS	--	--	(6)
Other (O&M Manuals, CID, Design During Construction)	LS	--	--	(167)
ESTIMATED CONTRACT COST				5,661
CONTINGENCY PERCENT (5.00%)				283
SUBTOTAL				5,944
SUPERVISION, INSPECTION & OVERHEAD (5.70%)				339
DESIGN-BUILD COST (6.00%)				340
TOTAL REQUEST				6,623
TOTAL REQUEST (UNROUNDED)				6,623
INSTALLED EQT-OTHER APPROPRIATIONS				(610)

10. Description of Proposed Construction:
Construct a satellite pharmacy to replace the existing function currently provided at the Base Commissary. Project includes construction of pharmacy processing, dispensing, storage, administrative, patient waiting/consultation, and robotics equipment support space. Supporting facilities include utilities, site improvements, access roads, and parking. The existing satellite pharmacy space in the Commissary will be returned to the Commissary. 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. The project will be designed to LEED Silver Certified rating standard. Operation and Maintenance Manuals, Commissioning, and Comprehensive Interior Design will be provided. Air Conditioning: 40 Tons.

11. REQ: 10,866 SF ADQT: NONE SUBSTD: 4,680 SF

PROJECT:
Construct Replacement Satellite Pharmacy. (CURRENT MISSION)

REQUIREMENT:
A readily accessible, sufficiently sized, efficiently configured and safe satellite pharmacy is required to ensure eligible beneficiaries at Wright Patterson can obtain prescriptions through the direct care system.

1. Component DEF (DHA)	**FY 2016 MILITARY CONSTRUCTION PROJECT DATA**	2. Date FEB 2015

3. Installation and Location/UIC:	4. Project Title:
Wright Patterson Air Force Base, Ohio	Satellite Pharmacy Replacement

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
87717HP	550	71642	6,623

CURRENT SITUATION:

The existing satellite pharmacy suffers from multiple facility deficiencies. It is significantly undersized and lacks adequate space for patient waiting, counseling, education, prescription processing and dispensing, bulk storage, and robotics equipment. The existing robotics equipment is outdated, does not fit within the existing confines of the satellite pharmacy, and requires replacement. In-place expansion is not possible because the existing pharmacy is landlocked within the Base Exchange complex and adjacency to the base perimeter is a violation of Anti-Terrorism/Force Protection ATFP) safety requirements.

IMPACT IF NOT PROVIDED:

Wright Patterson will continue to operate an inefficient and undersized facility. Patients and staff will continue to be exposed to risk resulting from non-compliance with current AT/FP standards. Poor pharmacy design and inadequate space can also increase the potential for errors in filling prescriptions. Additionally, beneficiaries will seek to have prescriptions filled at network pharmacies, which are substantially more expensive than the pharmacies at the Wright Patterson Medical 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	SEP 2011
(b) Percent of Design Completed as of 1 JAN 2015	30%
(c) Expected 35% Design Date (FINAL RFP):	MAY 2015
(d) 100% Design Completion Date	OCT 2016

(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) 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):

	Cost ($000)
(a) Production of Plans and Specifications	110
(b) All Other Design Costs	290
(c) Total Design Cost	400
(d) Contract	320
(e) In-house	80

(4) Construction Contract Award Date	MAR 2016
(5) Construction Start Date	JUN 2016

1. Component DEF (DHA)	**FY 2016 MILITARY CONSTRUCTION PROJECT DATA**	2. Date FEB 2015

3. Installation and Location/UIC:	4. Project Title:
Wright Patterson Air Force Base, Ohio	Satellite Pharmacy Replacement

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
87717HP	550	71642	6,623

Supplemental Data (Continued):

(6) Construction Completion Date MAR 2017

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	2016	610
Expense	O&M	2016	305
Expense	O&M	2017	1,525

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

1. COMPONENT	FY 2016 MILITARY CONSTRUCTION PROGRAM	2. DATE
DEF (DHA)		FEB 2015

3. INSTALLATION AND LOCATION	4. COMMAND	5. AREA CONSTRUCTION COST INDEX
Fort Bliss, Texas	US Army Installation Management Command	0.91

6. PERSONNEL STRENGTH:	PERMANENT			STUDENTS			SUPPORTED			
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF JUL 2014	4,219	25,630	3,577	168	1,342	47	955	2,721	8,568	47,227
B. END FY 2020	3,985	24,224	3,120	164	1,415	4	962	2,650	7,287	43,811

7. INVENTORY DATA ($000)

A. TOTAL AREA 1,117,530 AC	
B. INVENTORY TOTAL AS OF 1 JUL, 2014	9,207,351
C. AUTHORIZATION NOT YET IN INVENTORY	990,600
D. AUTHORIZATION REQUESTED IN THIS PROGRAM	0
E. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM	9,828
F. PLANNED IN NEXT THREE YEARS	0
G. REMAINING DEFICIENCY	0
H. GRAND TOTAL	10,207,779

8. PROJECTS REQUESTED IN THIS PROGRAM:

CATEGORY CODE	Project Number	PROJECT TITLE	SCOPE	COST ($000)	DESIGN START	DESIGN COMPLETE
510	81408	Hospital Replacement, Increment 7	LS	239,884	12 / 2010	05 / 2012

9. FUTURE PROJECTS:

	CATEGORY CODE	PROJECT TITLE	SCOPE	COST ($000)
A.	530	INCLUDED IN THE FOLLOWING PROGRAM (2017): Blood Donor Center Replacement	LS	9,828
B.		PLANNED NEXT THREE PROGRAM YEARS (FY 2018- 2020):		None
C.		R&M UNFUNDED REQUIREMENT:		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

1. Component DEF (DHA)	**FY 2016 MILITARY CONSTRUCTION PROJECT DATA**	2. Date FEB 2015
3. Installation and Location/UIC: Fort Bliss, Texas	4. Project Title: Hospital Replacement, Increment 7	

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
87717HP	510	81408	239,884

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
PRIMARY FACILITIES				683,194
Medical Center/Hospital	SF	597,111	590	(352,475)
Medical Clinic	SF	363,380	375	(136,496)
Clinical Investigation	SF	24,880	569	(14,158)
Administrative Facility	SF	144,223	322	(46,515)
Bio-safety Lab 3	SF	2,866	851	(2,439)
Access Control Facility	LS	--	--	(19,190)
Central Energy Plant	LS	--	--	(38,570)
Standby Generator	LS	--	--	(1,500)
Special Foundations	LS	--	--	(8,300)
Helipad	LS	--	--	(2,000)
Water Tank	LS	--	--	(4,000)
Building Information System	LS	--	--	(22,390)
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				840,542
CONTINGENCY PERCENT (5.00%)				42,027
SUBTOTAL				882,569
SUPERVISION, INSPECTION & OVERHEAD (5.70%)				50,306
CATEGORY E EQUIPMENT				33,125
TOTAL REQUEST				966,000
PREVIOUS APPROPRIATIONS				666,686
CURRENT APPROPRIATION REQUEST				239,884
INSTALLED EQT-OTHER APPROPRIATIONS				(68,576)

10. Description of Proposed Construction:

This is the final 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 principles, MHS World Class Checklist Requirements, Design: Energy Conservation (UFC 3-400-01). The project

1. Component DEF (DHA)	**FY 2016 MILITARY CONSTRUCTION PROJECT DATA**	2. Date FEB 2015

3. Installation and Location/UIC:	4. Project Title:
Fort Bliss, Texas	Hospital Replacement, Increment 7

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
87717HP	510	81408	239,884

Description of Proposed Construction (Continued):
will be designed to LEED 3.0 Silver Certified rating standard. Operation and Maintenance Manuals, Enhanced Commissioning, and Comprehensive Interior Design will be provided. Air Conditioning: Estimated 4,550 tons.

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 2016 MILITARY CONSTRUCTION PROJECT DATA**	2. Date FEB 2015
3. Installation and Location/UIC: Fort Bliss, Texas	4. Project Title: Hospital Replacement, Increment 7	

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
87717HP	510	81408	239,884

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	OCT 2017

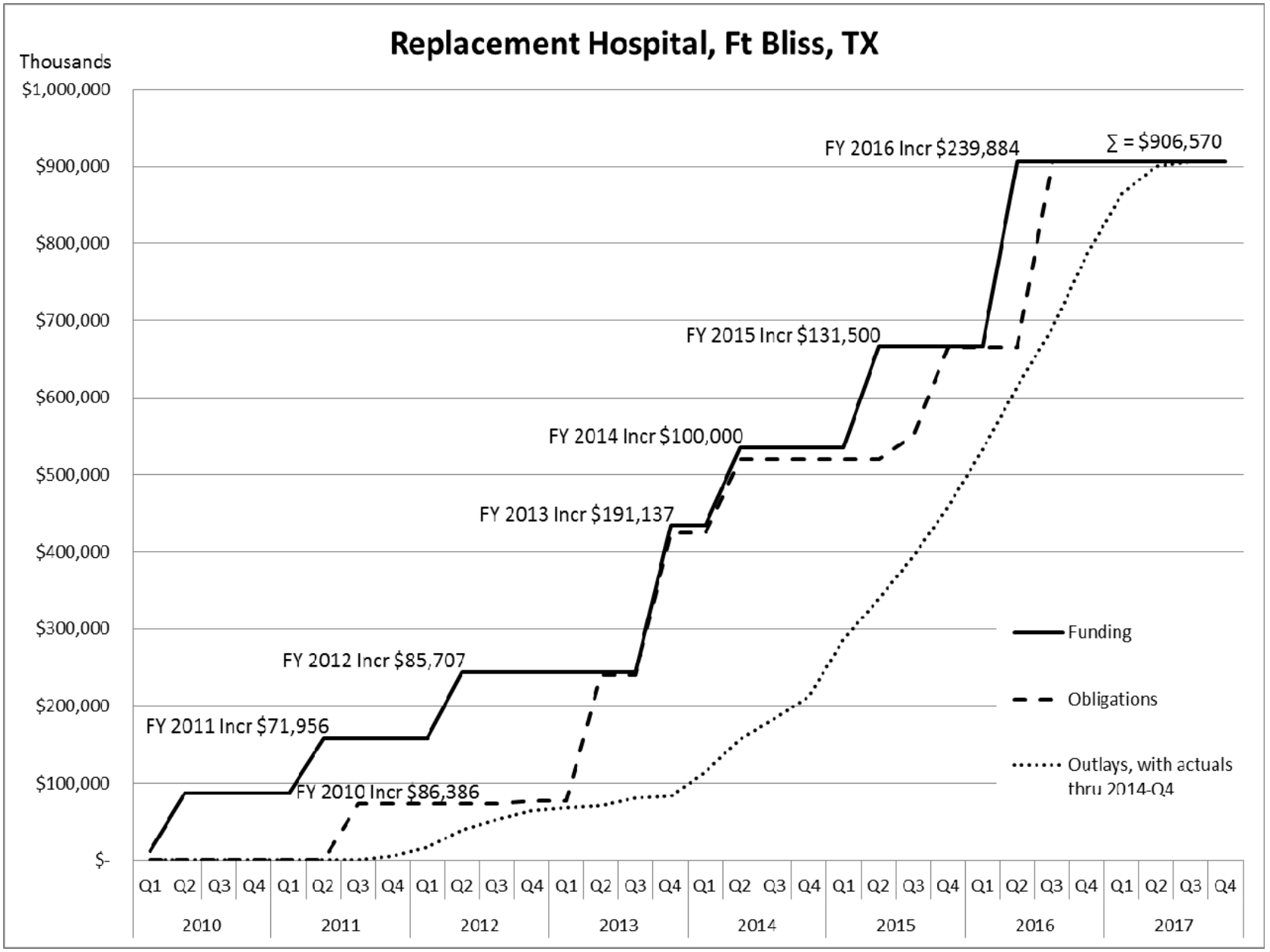
B. Equipment associated with this project which will be provided from other appropriations:

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:

Authorization	$ 966,000,000
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	$ 239,884,000
	$ 906,570,000

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


Replacement Hospital, Ft Bliss, TX
Thousands
$1,000,000
$900,000
$800,000
$700,000
$600,000
$500,000
$400,000
$300,000
$200,000
$100,000
$-
FY 2016 Incr $239,884
∑ = $906,570
FY 2015 Incr $131,500
FY 2014 Incr $100,000
FY 2013 Incr $191,137
FY 2012 Incr $85,707
FY 2011 Incr $71,956
FY 2010 Incr $86,386
Funding
Obligations
Outlays, with actuals thru 2014-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 Q2 Q3 Q4
2010
2011
2012
2013
2014
2015
2016
2017

1. COMPONENT	FY 2016 MILITARY CONSTRUCTION PROGRAM	2. DATE
DEF (DHA)		FEB 2015

3. INSTALLATION AND LOCATION	4. COMMAND	5. AREA CONSTRUCTION COST INDEX
Joint Base San Antonio, Texas	Air Education and Training Command	0.87

6. PERSONNEL STRENGTH:	PERMANENT			STUDENTS			SUPPORTED			
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF JUL 2014	697	3,500	3,051	653	9,776	10	1,634	7,557	5,708	32,586
B. END FY 2019	683	3,466	3,054	653	9,776	10	1,672	7,179	6,630	33,123

7. INVENTORY DATA ($000)

A. TOTAL AREA	10,088 AC	
B. INVENTORY TOTAL AS OF SETEMBER 30, 2014		4,232,303
C. AUTHORIZATION NOT YET IN INVENTORY		341,776
D. AUTHORIZATION REQUESTED IN THIS PROGRAM		61,776
E. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM		0
F. PLANNED IN NEXT THREE YEARS		0
G. REMAINING DEFICIENCY		0
H. GRAND TOTAL		4,635,855

8. PROJECTS REQUESTED IN THIS PROGRAM:

CATEGORY CODE	Project Number	PROJECT TITLE	SCOPE	COST ($000)	DESIGN START	DESIGN COMPLETE
550	81422	Ambulatory Care Center Phase 4	1,540,185 SF	61,776	08 / 2009	11 / 2015

9. FUTURE PROJECTS:

CATEGORY CODE	PROJECT TITLE	SCOPE	COST ($000)
A.	INCLUDED IN THE FOLLOWING PROGRAM (2017):		None
B.	PLANNED NEXT THREE PROGRAM YEARS (FY 2018- 2020):		None
C.	R&M UNFUNDED REQUIREMENT:		None

10. MISSION OR MAJOR FUNCTION:

A training wing which includes Basic Military Training School, Security Forces, Combat Convoy/Arms/Control, Pararescue, Survival Evasion Resistance Escape, Logistics, Enlisted Aircrew, Services, Contracting, Vehicle Maintenance, and Military Training Instructor, Defense Language Institute English Language Center, and Inter-American Air Forces Academy, Department of Defense Military Working Dog Training. Additional missions include Air Force Security Forces Center, Recruiting, cryptographic maintenance, Air Force Reserve C-5 training, a major Air Force medical center, and Intelligence/Reconnaissance/Surveillance Operations.

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 2016 MILITARY CONSTRUCTION PROJECT DATA**	2. Date FEB 2015
3. Installation and Location/UIC: Joint Base San Antonio (Lackland), Texas	4. Project Title: Ambulatory Care Center, Phase 4	

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
87717HP	550	81422	61,776

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
PRIMARY FACILITIES				20,981
Demolish Medical Center CATCODE 51010	SF	1,540,185	7.54	(11,613)
Hazardous Material Abatement	LS	--	--	(9,368)
SUPPORTING FACILITIES				32,745
Electric Service	LS	--	--	(896)
Water, Sewer, Gas	LS	--	--	(224)
Paving, Walks, Curbs And Gutters	LS	--	--	(16,392)
Storm Drainage	LS	--	--	(3,110)
Site Imp (3,788) Demo (3,993)	LS	--	--	(7,781)
Information Systems	LS	--	--	(2,900)
Antiterrorism Measures	LS	--	--	(257)
Other (O&M Manuals, Design During Construction)	LS	--	--	(1,185)
ESTIMATED CONTRACT COST				53,726
CONTINGENCY PERCENT (5.00%)				2,686
SUBTOTAL				56,412
SUPERVISION, INSPECTION & OVERHEAD (5.70%)				3,215
DESIGN BUILD FEE (4.00%)				2,149
TOTAL REQUEST				61,776
TOTAL REQUEST (UNROUNDED)				61,776
INSTALLED EQT-OTHER APPROPRIATIONS				(0)

10. Description of Proposed Construction:
Demolish the existing Wilford Hall Medical Center (WHMC) and its associated, ancillary facilities that no longer support the Wilford Hall facility medical mission, and restore the site to an appropriate condition for a new asphalt and concrete parking area to include; utilities, site improvements, access roads, and parking. 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, Air Conditioning: None.

11. REQ: 681,684 SF ADQT: 380,432 SF SUBSTD: 1,540,185 SF

PROJECT:
Demolish the existing WHMC and associate ancillary facilities and construct a new parking area for the Ambulatory Care Center. (CURRENT MISSION)

REQUIREMENT:
WHMC and associated ancillary facilities that are no longer required to support the new Ambulatory Care Center (ACC) must be demolished. Parking for the ACC must be provided on land currently occupied by WHMC.

CURRENT SITUATION:
Completion of the ACC will allow all current patient care operations and remaining support functions to transfer from WHMC to the adjacent new facility. When that transfer is complete, the existing 60 year-old, 10-story medical center will no longer be required and can be demolished to make room for parking to support operations at the ACC.

1. Component DEF (DHA)	**FY 2016 MILITARY CONSTRUCTION PROJECT DATA**	2. Date FEB 2015
3. Installation and Location/UIC: Joint Base San Antonio (Lackland), Texas	4. Project Title: Ambulatory Care Center, Phase 4	

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
87717HP	550	81422	61,776

IMPACT IF NOT PROVIDED:
The existing WHMC facility is a large, outdated and failing facility that will be vacant upon completion of the move of operations to the ACC. Failure to demolish it will require unnecessary expenditures to secure and maintain an empty building that occupies valuable space required for patient parking at the new adjacent ACC.

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

12. Supplemental Data:

A. Design Data:

(1) Status:

(a) Design Start Date:	NOV 2014
(b) Percent Complete As of 1 JAN 2015:	2%
(c) Expected 35% Design Date (DRAFT RFP):	APR 2015
(d) Expected 100% Design Completion Date:	SEP 2016

(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

(3) Total Design Cost (c)=(a)+(b) OR (d)+(e):	Cost ($000)
(a) Production of Plans and Specifications	3,368
(b) All Other Design Costs	1,684
(c) Total Design Cost	5,052
(d) Contract	4,491
(e) In-house	561

(4) Estimated Construction Contract Award Date	JUL 2016
(5) Estimated Construction Start Date	SEP 2016
(6) Estimated Construction Completion Date	SEP 2018

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

1. COMPONENT	FY 2016 MILITARY CONSTRUCTION PROGRAM	2. DATE
DEF (DHA)		FEB 2015

3. INSTALLATION AND LOCATION	4. COMMAND	5. AREA CONSTRUCTION COST INDEX
Germany Various, Germany	US Army Installation Management Command	1.20

6. PERSONNEL STRENGTH:

	PERMANENT			STUDENTS			SUPPORTED			
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF JUL 30 2014	0	0	0	0	0	0	0	0	0	0
B. END FY 2020	0	0	0	0	0	0	0	0	0	0

7. INVENTORY DATA ($000)

A. TOTAL AREA	135,089 AC	
B. INVENTORY TOTAL AS OF 1 SEP 2014		31,398,619
C. AUTHORIZATION NOT YET IN INVENTORY		1,061,753
D. AUTHORIZATION REQUESTED IN THIS PROGRAM		34,071
E. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM		22,506
F. PLANNED IN NEXT THREE YEARS		43,373
G. REMAINING DEFICIENCY		0
H. GRAND TOTAL		32,560,322

8. PROJECTS REQUESTED IN THIS PROGRAM:

CATEGORY CODE	PROJECT NUMBER	PROJECT TITLE	SCOPE	COST ($000)	DESIGN START	STATUS COMPLETE
510	81410	Hospital Replacement, Increment 5	LS	85,034	11 / 2010	06 / 2017
540	77986	Medical/Dental Clinic Addition	54,840	34,071	11 / 2013	02 / 2016

9. FUTURE PROJECTS:

CATEGORY CODE	PROJECT TITLE	SCOPE	COST ($000)
A.	INCLUDED IN THE FOLLOWING PROGRAM (FY 2017):		
510	Hospital Replacement, Increment 6	LS	388,549
550	Medical Clinic Replacement	LS	22,506
B.	PLANNED NEXT THREE PROGRAM YEARS (2017-2019):		
550	Medical/Dental Clinic Replacement	LS	43,373
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 2016 MILITARY CONSTRUCTION PROJECT DATA**	2. Date FEB 2015
3. Installation and Location: Rhine Ordnance Barracks, Germany	4. Project Title: Medical Center Replacement, Increment 5	

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
87717HP	510	81410	85,034

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
PRIMARY FACILITIES				654,662
Medical Center/Hospital (33,082 SM)	SF	356,091	449	(159,887)
Medical Clinic (36,659 SM)	SF	394,594	446	(176,030)
Administrative Facility (12,455 SM)	SF	134,061	365	(48,864)
Medical Warehouse (9,070 SM)	SF	97,631	315	(30,779)
Ambulance Garage (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				443,614
FUTURE APPROPRIATION REQUEST				458,502
CURRENT APPROPRIATION REQUEST (ROUNDED)				85,034
INSTALLED EQT-OTHER APPROPRIATIONS				(44,811)

1. Component DEF (DHA)	FY 2016 MILITARY CONSTRUCTION PROJECT DATA	2. Date FEB 2015
3. Installation and Location: Rhine Ordnance Barracks, Germany	4. Project Title: Medical Center Replacement, Increment 5	

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
87717HP	510	81410	85,034

10. Description of Proposed Construction:
The fifth increment funds liabilities potentially incurred by the German government, this project's contract execution entity, in accordance with Article 49 of the Supplementary Agreement to the Status of Forces Agreement. German fiscal and procurement law requires that full funds be obligated to the German government before solicitation of a construction contract. These funds will ultimately be used for the medical center construction once that contract is awarded. The Hospital will provide inpatient services with contingency expansion, outpatient and specialty care clinics, Aero Medical Staging Facility (ASF), support functions, medical administration, and sub-basement zones. Ancillary facilities include ambulance garage, parking garage, central energy plant, helicopter pad, and road improvements. Supporting facilities include: contingency utilities and laydown area, site improvements, surface parking, access roads, Communication Buildings 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 designed to LEED Healthcare Silver Certified rating standard. Operation and Maintenance Manuals, Design During Construction, Enhanced Commissioning, and Comprehensive Interior Design will be provided. Air Conditioning: 2,500 tons (8,800 KW).

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.

1. Component DEF (DHA)	FY 2016 MILITARY CONSTRUCTION PROJECT DATA	2. Date FEB 2015
3. Installation and Location: Rhine Ordnance Barracks, Germany	4. Project Title: Medical Center Replacement, Increment 5	

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
87717HP	510	81410	85,034

CURRENT SITUATION:

The existing Medical Center is located approximately 13 km (8 miles) from Ramstein Air Base. Most of the route is on an unsecured civilian autobahn and public roads. The total time required to transport critically wounded troops from the airfield to treatment currently varies from 20 to 45 minutes depending on traffic and weather conditions. The existing Medical Center care areas are located in 22 cantonment "finger" buildings built between 1951 and 1953 and a critical care 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 1 JAN 2015	20%
(c) Expected 35% (of Medical Center) Design Date	JUN 2016
(d) 100% (of Medical Center) Design Completion Date	JUN 2017

1. Component DEF (DHA)	FY 2016 MILITARY CONSTRUCTION PROJECT DATA	2. Date FEB 2015
3. Installation and Location: Rhine Ordnance Barracks, Germany	4. Project Title: Medical Center Replacement, Increment 5	

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
87717HP	510	81410	85,034

Supplemental Data (Continued):

(e) Parametric Design (Yes or No) N

(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	SEP 2021

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

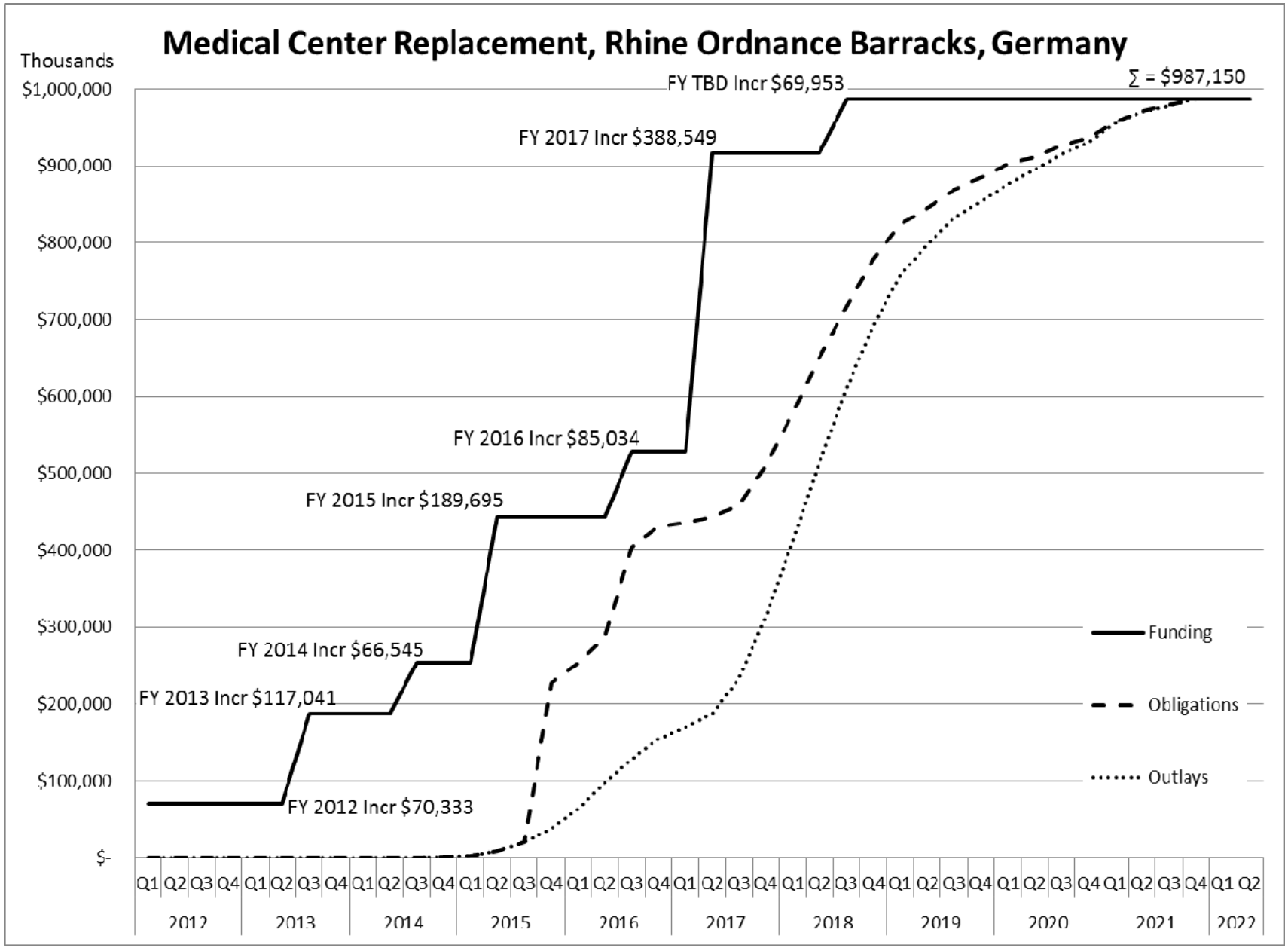
Equipment Nomenclature	Procuring Appropriation	Fiscal Year Appropriated Or Requested	Cost ($000)
Investment	OP	2018	44,811
Expense	OM	2018	65,000
Expense	OM	2019	65,000

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	$388,549,000
TBD	$ 69,953,000*
	$987,150,000

*Tied to FY 15 congressional reduction – will be restored in an out-year increment

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


Medical Center Replacement, Rhine Ordnance Barracks, Germany
Thousands
$1,000,000
$900,000
$800,000
$700,000
$600,000
$500,000
$400,000
$300,000
$200,000
$100,000
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FY TBD Incr $69,953
∑ = $987,150
FY 2017 Incr $388,549
FY 2016 Incr $85,034
FY 2015 Incr $189,695
FY 2014 Incr $66,545
FY 2013 Incr $117,041
FY 2012 Incr $70,333
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 Q2 Q3 Q4 Q1 Q2 Q3 Q4 Q1 Q2
2012
2013
2014
2015
2016
2017
2018
2019
2020
2021
2022

1. Component DEF (DHA)	**FY 2016 MILITARY CONSTRUCTION PROJECT DATA**	2. Date FEB 2015
3. Installation and Location/UIC: Spangdahlem Air Base, Germany	4. Project Title: Medical/Dental Clinic Addition	

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
87717HP	550	77986	34,071

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
PRIMARY FACILITIES				27,221
Medical Clinic CATCODE 550101 (3,507.8 SM)	SF	37,758	436	(16,462)
Dental Clinic CATCODE 540243 (1,540.5 SM)	SF	16,582	573	(9,501)
Maintenance Storage CATCODE 442758 (37.2 SM)	SF	500	98	(49)
Additional Antiterrorism Measures	LS	--	--	(519)
German Water Separation	LS	--	--	(76)
SDD, LEED, Energy and Water Conservation Mandates	LS	--	--	(614)
SUPPORTING FACILITIES				3,248
Electric Service	LS	--	--	(697)
Water, Sewer, Gas	LS	--	--	(174)
Paving, Walks, Curbs And Gutters	LS	--	--	(859)
Storm Drainage	LS	--	--	(27)
Site Imp (126) Demo (710)	LS	--	--	(836)
Information Systems	LS	--	--	(34)
Antiterrorism/Measures	LS	--	--	(30)
Special Foundations	LS	--	--	(94)
Other (O&M Manuals, CID, Design During Construction)	LS	--	--	(497)
ESTIMATED CONTRACT COST				30,469
CONTINGENCY PERCENT (5.00%)				1,523
SUBTOTAL				31,992
SUPERVISION, INSPECTION & OVERHEAD (6.50%)				2,079
TOTAL REQUEST				34,071
TOTAL REQUEST (NOT ROUNDED)				34,071
INSTALLED EQT-OTHER APPROPRIATIONS				(3,700)

10. Description of Proposed Construction:
Construct an addition to the existing medical clinic. Project will provide dental, outpatient mental health, and space for other support/administrative functions. Supporting facilities include utilities, site improvements, and parking. The existing facilities (Bldgs. 161 and 175) housing mental health and admin functions will be demolished. Building 137 (temporary location for dental) 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 Energy Conservation UFC 31-200-02. The project will be designed to LEED Silver Certified rating standard. Operation and Maintenance Manuals, Enhanced Commissioning, and Comprehensive Interior Design will be provided. Air Conditioning: 150 tons.

11. REQ: 129,427 SF ADQT: 75,087 SF SUBSTD: 82,014 SF

PROJECT:
Construct clinic addition for dental, outpatient mental health, and other support/admin functions. (CURRENT MISSION)

1. Component DEF (DHA)	**FY 2016 MILITARY CONSTRUCTION PROJECT DATA**	2. Date FEB 2015
3. Installation and Location/UIC: Spangdahlem Air Base, Germany	4. Project Title: Medical/Dental Clinic Addition	

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
87717HP	550	77986	34,071

REQUIREMENT:
Provide a long-term, permanent solution for a dental mission forced to move due to the Bitburg Annex installation closure. Relocate other medical missions (Bioenvironmental Engineering, Mental Health, Medical Readiness, and Education & Training) to a site outside the blast arc of flight line weapons storage facilities. Replace ill-configured, old infrastructure with a modern facility, reduce inventory by 40%, and consolidate the outlying medical functions with the recently completed 2008 Medical Clinic.

CURRENT SITUATION:
With the scheduled closure of the Bitburg Annex installation in 2016, the dental clinic mission at Bitburg is being forced to temporarily relocate into a suboptimal, old, deteriorating existing facility (Bldg. 137) at Spangdahlem. Bldg. 137's infrastructure is 58 years old and has outlived its useful life expectancy. The spaces within the building are ill-configured for the existing dental mission and have been force-fit into the available space. Also, the recently completed Medical Clinic does not house many of the existing medical functions at Spangdahlem (Mental Health, Education and Training, Readiness, Bioenvironmental Engineering, Early Development Intervention Services [EDIS]). These medical missions reside in existing facilities (Bldgs. 161 & 175, originally admin buildings) that are aging, obsolete, failing, and geographically separated from the new medical clinic. Building 175, directly adjacent to the flight line, is within the blast arc of the stored munitions bunkers at the Flight Line. The Base Development Plan has designated both of these buildings for demolition in order to enlarge the area for Flight Operations. Buildings 161 (built 1960) and 175 (built 1957) were originally constructed as an Administrative Office Building and Dormitory respectively.

IMPACT IF NOT PROVIDED:
After being forced to relocate off Bitburg Annex due to the upcoming installation closure, the dental mission will have to remain in a suboptimal temporary location. Other medical, clinical, support, and admin functions will have to remain in obsolete, oversized, ill-configured buildings that are located within the blast arc of the stored munitions bunkers at the Flight Line. All of these functions will remain geographically separated from the new medical campus developed by the 2008 MILCON.

JOINT USE CERTIFICATION:
The Director, Portfolio Planning Management Office 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: NOV 2013
(b) Percent Complete As of 1 JAN 2015: 30%
(c) Expected 35% Design Date: DEC 2014
(d) Expected 100% Design Completion Date: FEB 2016
(e) Parametric Design (Yes or No) Y Parametric estimates have been used to develop project costs.
(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

1. Component DEF (DHA)	**FY 2016 MILITARY CONSTRUCTION PROJECT DATA**	2. Date FEB 2015
3. Installation and Location/UIC: Spangdahlem Air Base, Germany	4. Project Title: Medical/Dental Clinic Addition	

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
87717HP	550	77986	34,071

12. 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	1,880
(b) All Other Design Costs	2,060
(c) Total Design Cost	3,940
(d) Contract	3,152
(e) In-house	788

(4) Estimated Construction Contract Award Date	JUN 2016
(5) Estimated Construction Start Date	JUL 2016
(6) Estimated Construction Completion Date	NOV 2018

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	2017	3,700
Expense	OM	2017	1,850
Expense	OM	2018	9,375

Chief, Acquisition and Management Office
Phone Number: 703-681-4324

Defense Information Systems Agency
FY 2016 Military Construction, Defense-Wide
($ in Thousands)

State/Installation/Project	Authorization Request	Approp. Request	New/ Current Mission	Page No.
Arizona				
Fort Huachuca				
JITC Buildings 52101/52111 Renovations	3,884	3,884	C	35
Total	**3,884**	**3,884**		

1. COMPONENT	FY 2016 MILITARY CONSTRUCTION PROGRAM	2. DATE
Defense Information Systems Agency		February 2015

3. INSTALLATION AND LOCATION	4. COMMAND	5. AREA CONSTRUCTION COST INDEX
Fort Huachuca, Arizona	Defense Information Systems Agency	**$3,884**

6. PERSONNEL	(1) PERMANENT			(2) STUDENTS			(3) SUPPORTED			(4) TOTAL
	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	
a. AS OF										
b. END FY										

7. INVENTORY DATA *($000)*

a. TOTAL ACREAGE	N/A
b. INVENTORY TOTAL AS OF	N/A
c. AUTHORIZATION NOT YET IN INVENTORY	N/A
d. AUTHORIZATION REQUESTED IN THIS PROGRAM	$3,884
e. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM	$3,884
f. PLANNED IN NEXT THREE PROGRAM YEARS	
g. REMAINING DEFICIENCY	N/A
h. GRAND TOTAL	$3,884

8. PROJECTS REQUESTED IN THIS PROGRAM

a. CATGEGORY			b. COST *($000)*		
(1) CODE	(2) PROJECT TITLE	(3) SCOPE		DESIGN START	STATUS COMPLETE
Bldg 52101 - 31710 Bldg 52111 - 61050	JTIC Bldgs 52101 and 52111 Renovations	Renovate Existing Bldgs 52101 and 52111	$3,884	June 2015	Oct 2017

9. FUTURE PROJECTS

Category Code	Project Title:	Cost:
3171 and 6100	JTIC Buildings 52101 and 52111 Renovations	**$3,884**

10. MISSION OR MAJOR FUNCTIONS

JITC conducts testing of national security systems and information technology systems hardware, software and components. Services include developmental, conformance, interoperability, operational and validation testing. JITC provides "one-stop system testing" with its one-of-a kind array of test beds and uniquely qualified staff. The command can interface all of its on-site capabilities and its network with any other testing or operational facility worldwide. The JITC facilities are located at Fort George G. Meade, Maryland; Fort Huachuca, Arizona and Indian Head, Maryland.

JITC services DISA, combatant commands, the Department of Defense (DoD), other federal agencies, allies, coalition partners and commercial vendors.

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES

	($000)
A. Air Pollution	0
B. Water Pollution	0
C. Occupational Safety and Health	0

1. COMPONENT	FY 2016 MILITARY CONSTRUCTION PROJECT DATA	2. DATE	REPORT CONTROL SYMBOL
Defense Information Systems Agency		February 2015	UNKNOWN

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
Fort Huachuca, Arizona	JTIC Buildings 52101 and 52111 Renovations

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
0303148K	Bldg 52101 - 31710 Bldg 52111 - 61050	16DISA01	**$3,884**

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST
PRIMARY FACILITIES				
Renovate Existing Building 52101	SF	12,220		**2,258**
- Administrative	SF	7,260	105.85	(768)
- Communications/Electronics	SF	4,960	133.16	(660)
Information Systems+ Intrusion Detection System	--	--	--	(600)
O &M Supp Info (OMSI)+ Lead and Asbestos Abatement	--	--	--	(200)
Sustainable Design Measures	--	--	--	(30)
SUPPORTING FACILITIES				
Renovation of Site (utilities, water, sewer, gas, communications)	--	--	--	**98**
Sub-Total Building 52101	--	--	--	**2,356**
Contingency (5%)				**118**
Supervision, Inspection, Overhead (SIOH) (5.7%)				**151**
Design Fees (5%)				**123**
Total Bldg 52101				**2,748**
Renovate Existing Building 52111	SF	6,141		**881**
- Administrative	SF	6,141	103.73	(620)
Information Systems	--	--	--	(141)
Special Costs: Intrusion Detection System	--	--	--	(60)
O & M Supp Info (OMSI)+ Lead and Asbestos Abatement	--	--	--	(50)
Sustainable Design Measures				(10)
SUPPORTING FACILITIES				
Renovation of Site (utilities, water, sewer, gas, communications)	--	--	--	**98**
Sub Total Building 52111	--	--	--	**979**
Contingency (5%)	--	--	--	**48**
Supervision, Inspection, Overhead (SIOH) (5.7%)	--	--	--	**58**
Design Fees (5%)	--	--	--	**51**
Total Bldg 52111				**1,136**
Total Bldgs 52101+ 52111				**3,884**
Equipment from Other Appropriations – Non-Add Item				(930)

10. DESCRIPTION OF PROPOSED WORK**:**

The purpose of this project is to renovate existing Garrison Buildings 52101 and 52111 for the JITC Headquarters Complex at Fort Huachuca, AZ. The existing facility, Building 52101, is a Battalion Headquarters facility (Category Code 14183) and will be renovated to administrative (41%) and lab (59%) spaces. new Category Code 31710 and Bldg 52111 is an administrative general purpose facility, Category Code 61050, and will be renovated for administrative space. The renovations will replace the existing roofs; install new exterior doors and new glazed entry doors; replace exterior steps, railings, ramps and install exterior fence at Building 52101; install, remove and relocate interior doors; interior walls and new wall finishes; new suspended ceiling; new carpet and vinyl tile; install raised flooring and interior ramp in Building 52101; new fire suppression systems, HVAC, new ductwork and plumbing; new electrical system. The renovation of Building 52101 will provide JITC with administrative and laboratory space to accommodate 76 personnel. The renovation of Building 52111 will provide JITC a facility with administrative spaces to accommodate 37 personnel. Both buildings will be in compliance with Anti-Terrorism Force Protection measures and standards.

Air Conditioning: 80 tons Building 52101 10 tons Building 52111

11. REQUIREMENT: Bldg 52101 12,220 SF; Adequate: 216,608 SF; Substandard: 524,815 SF
Bldg 52111: 6,141 SF; Adequate: 733,055 SF; Substandard: 0 SF

PROJECT: This project will renovate Buildings 52101 and 52111 at Fort Huachuca, AZ.

CURRENT SITUATION: DISA/JITC is housed in permanent, semi-permanent and temporary trailers which are overcrowded, have health and safety issues and the temporary trailers have exceeded their life cycle expectancy. The over-age temporary buildings have numerous environmental hazards and safety issues (e.g., roof leaks, mold infestations, rodents and snakes, and two buildings have no running water). These facilities are non ADA compliant. The Army supports removal of the end-of-life trailers due to the multiple environmental and safety issues and concerns. Also the removal of these temporary trailers is in compliance with Army criteria for the removal of all temporary trailers NLT 2018. An Analysis of Alternatives conducted in May 2013 looked at several options to include new construction, leased space and use of existing facilities. The use of existing Garrison facilities was selected as the best option.

IMPACT IF NOT DONE: DISA/JITC will be unable to address the ADA and health and life safety issues. The Occupational Safety and Health Act of 1970 requires Agencies to provide a safe and healthy work place for its employees. If this project is not funded personnel will continue to work in existing buildings with limited operational capabilities which will hinder the DISA/JITC mission.

1. COMPONENT Defense Information Systems Agency	FY 2016 MILITARY CONSTRUCTION PROJECT DATA	2. DATE February 2015	REPORT CONTROL SYMBOL Unknown

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
Fort Huachuca, AZ	JTIC Buildings 52101 and 52111 Renovations

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
0303148K	Bldg 52101 - 31710 Bldg 52111 - 61050	16DISA01	$3,884

IMPACT IF NOT PROVIDED: If this project is not provided DISA/JITC cannot fulfill its mission as the DoD developmental, conformance, interoperability, operational and validation tester of national security systems and information technology systems hardware, software and components. Personnel will continue to work out of modular buildings which have limited operational capabilities and useful life expectancies. The opportunity to fully leverage DISA/JITC's one-of-a-kind array of Test Beds and uniquely qualified staff will be hindered.

12. Supplemental Data:	
a. Estimated design data:	
(1) Status:	
(a) Date Design Started	June 2015
(b) Parametric Cost Estimates used to develop costs	Yes
(c) Date 35% Designed	October 2015
(d) Date Design Complete	August 2016
(e) Energy Study/Life-Cycle analysis was/will be performed	
(f) Type of Design Contract	Yes
(2) Basis	Design/Build
(a) Standard or Definitive Design	
(b) Where Design was most recently used	
(3) Total Cost (c) = (a) + (b) or (d) + (e):	
(a) Production of Plans and Specifications	
(b) All other Design Costs	$174
(c) Total	
(d) Contract	
(e) In-house	
(4) Construction Contract Award (Design/Build)	May 2016
(5) Construction Start	June 2016
(6) Construction Completion	October 2017

b. Equipment Data: equipment associated with this project provided from other appropriations.

EQUIPMENT NOMENCLATURE	PROCURING APPROPRIATION	FISCAL YEAR APROPRIATED REQUESTED
(1) INSTALLED EQT		N/A
(2) FURNITURE		$930
(3) MOVE IN		N/A

DD FORM 1391C, JUL 1999 PREVIOUS EDITION IS OBSOLETE

Defense Logistics Agency
FY 2016 Military Construction, Defense-Wide
($ in Thousands)

State/Installation/Project	Authorization Request	Approp. Request	New/ Current Mission	Page No.
California				
Fresno Yosemite International Airport/ Air National Guard				
Replace Fuel Storage and Distribution Facilities	10,700	10,700	C	40
Delaware				
Dover Air Force Base				
Construct Hydrant Fuel System	21,600	21,600	C	43
Georgia				
Moody Air Force Base				
Replace Pumphouse and Truck Fillstands	10,900	10,900	C	46
Nevada				
Nellis Air Force Base				
Replace Hydrant Fuel System	39,900	39,900	C	49
New Mexico				
Cannon Air Force Base				
Construct Pumphouse and Fuel Storage	20,400	20,400	C	52
Oregon				
Klamath Falls IAP				
Replace Fuel Facilities	2,500	2,500	C	55
Pennsylvania				
Defense Logistics Agency Troop Support, Philadelphia				
Replace Headquarters	49,700	49,700	C	58
Virginia				
Defense Logistics Agency Headquarters, Fort Belvoir				
Construct Visitor Control Center	5,000	5,000	C	62
Replace Ground Vehicle Fueling Facility	4,500	4,500	C	64
Joint Base Langley-Eustis				
Replace Fuel Pier and Distribution Facility	28,000	28,000	C	67

Defense Logistics Agency
FY 2016 Military Construction, Defense-Wide
($ in Thousands)

State/Installation/Project	Authorization Request	Approp. Request	New/ Current Mission	Page No.
Djibouti				
Camp Lemonnier				
Construct Fuel Storage and Distribution Facilities	43,700	43,700	C	70
Germany				
Spangdahlem Air Base				
Construct Fuel Pipeline	5,500	5,500	C	73
Total	**242,400**	**242,400**		

1. Component DEFENSE (DLA)	FY 2016 MILITARY CONSTRUCTION PROGRAM	2. Date FEBRUARY 2015
3. Installation And Location AIR NATIONAL GUARD FRESNO-YOSEMITE INTERNATIONAL AIRPORT, CALIFORNIA	4. Command DEFENSE LOGISTICS AGENCY	5. Area Construction Cost Index 1.24

6. PERSONNEL ANG Facility	(1) PERMANENT			(2) STUDENTS			(3) GUARD/RESERVE			(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	
C. AUTHORIZED NOT YET IN INVENTORY	
D. AUTHORIZATION REQUESTED IN THIS PROGRAM	11,100
E. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM	
F. PLANNED IN NEXT THREE YEARS	
G. REMAINING DEFICIENCY	
H. GRAND TOTAL	11,100

8. PROJECTS REQUESTED IN THIS PROGRAM:

a. CATEGORY			b. COST	c. DESIGN STATUS	
(1) CODE	(2) PROJECT TITLE	(3) SCOPE	($000)	(1) START mm/yy	(2) COMPLETE mm/yy
124	Replace Fuel Storage and Distribution Facilities	210,000 GAL	11,100	10/13	10/15

9. FUTURE PROJECTS

a. INCLUDED IN FOLLOWING PROGRAM

CATEGORY CODE	PROJECT NUMBER	PROJECT TITLE	COST ($000)
		None	

b. PLANNED IN NEXT THREE YEARS

CATEGORY CODE	PROJECT NUMBER	PROJECT TITLE	COST ($000)
		None	

10. MISSION OR MAJOR FUNCTION

These fuel facilities provide essential storage and distribution systems to support the mission of assigned Air National Guard units and transient aircraft at Fresno International Airport (IAP), California. The 144th Fighter Wing based at Fresno is operationally designated as one leg of the Homeland Defense Four Corners Alert.

Deferred sustainment, restoration, and modernization for fuel facilities at this location is $0.4 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 2016 MILITARY CONSTRUCTION	2. Date
DEFENSE (DLA)	PROJECT DATA	FEBRUARY 2015

3. Installation and Location	4. Project Title
FRESNO-YOSEMITE INTERNATIONAL AIRPORT FRESNO, CALIFORNIA	REPLACE FUEL STORAGE AND DISTRIBUTION FACILITIES

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
0702976S	124	DESC1511	10,700

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost ($)	Cost ($000)
PRIMARY FACILITIES.....	-	-	-	7,699
FUEL STORAGE TANKS (CC 124135).....	GA	210,000	25	(5,250)
PUMPHOUSE (CC 125977).....	SF	3,045	443	(1,349)
TRUCK FILLSTANDS (CC 126925).....	OL	2	275,000	(550)
TRUCK OFF-LOAD (CC 126926).....	OL	2	275,000	(550)
			-	
SUPPORTING FACILITIES.....	-	-	-	1,930
SITE WORK.....	LS	-		(1,580)
DEMOLITION.....	LS	-		(350)
			-	
SUBTOTAL.....			-	9,629
CONTINGENCY (5%).....				481
ESTIMATED CONTRACT COST.....				10,110
SUPERVISION, INSPECTION & OVERHEAD(SIOH)(5.7%)				576
TOTAL.....				10,686
TOTAL (ROUNDED).....				10,700
OTHER APPROPRIATIONS (NON-ADD).....				(550)

10. Description of Proposed Construction

Construct two 397-kiloliter(kL) (2,500-barrel) (BL) aboveground storage tanks with secondary containment, 38 liter-per-second (600 gallon-per-minute)pumphouse, truck off-loading and fillstand facilities, fuel piping, and refueler truck parking area sized for seven trucks with spill containment. Provide utilities, storm sewer, pavements, access roads, area lighting, emergency generator, security gates and fencing, fire protection, and communications, site preparation and improvements. Demolish six underground tanks.

11. REQUIREMENT: 210,000 GA	ADEQUATE: 0 GA	SUBSTANDARD: 159,977 GA

PROJECT: Replace Fuel Storage and Distribution Facilities. (C)

REQUIREMENT: Provide an adequately sized, functionally configured, environmentally responsible fuel system to receive, store and issue jet fuel to support the operational requirements of the 144th Fighter Wing Air Sovereignty Alert mission.

CURRENT SITUATION: Presently, jet fuel is stored in six single walled underground storage tanks that are less than 1,000 feet from a public drinking well. Four of the tanks were installed in 1954. The tanks are tested on a triennial basis. The tests are indicating increasing deterioration of the tank integrity. Also fuel piping and fuel truck areas have deteriorated pavements that do not provide adequate spill containment. Mechanical and electrical systems are antiquated and do not meet DoD standards.

IMPACT IF NOT PROVIDED: If this project is not provided, the fuel storage complex could be closed, forcing DLA to truck fuel to the ANG base from off-site locations to support the fueling requirements of the assigned ANG fighter wing. Mission

1. Component	FY 2016 MILITARY CONSTRUCTION	2. Date
DEFENSE (DLA)	PROJECT DATA	FEBRUARY 2015

3. Installation and Location	4. Project Title
FRESNO-YOSEMITE INTERNATIONAL AIRPORT FRESNO, CALIFORNIA	REPLACE FUEL STORAGE AND DISTRIBUTION FACILITIES

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
0702976S	124	DESC1511	10,700

degradation or failure could result. In addition, safety and fueling operational constraints would impact mission accomplishment.

ADDITIONAL: An analysis considered several alternatives for providing fuel for the ANG mission at Fresno IAP. Construction of new fuel facilities was the most cost effective solution. This project meets all applicable DoD criteria. 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.

12. Supplemental Data:

A. Estimated Design Data:	
1. Status	
(a) Date Design Started:	10/13
(b) Parametric Cost Estimate Used to Develop Costs (Yes/No):	Yes
(c) Percent Complete as of February 2015:	35
(d) Date 35 Percent Complete:	07/14
(e) Date Design Complete:	10/15
(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:	800
(b) All Other Design Costs:	300
(c) Total:	1100
(d) Contract:	800
(e) In-House:	300
4. Contract Award:	01/16
5. Construction Start:	03/16
6. Construction Complete:	09/18

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

PURPOSE	APPROPRIATION	FISCAL YEAR REQUIRED	AMOUNT ($000)
Leak Detection	DWCF	2016	230
Automatic Tank Gauging	DWCF	2016	270
Environmental Remediation	DWCF	2016	50

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

1. Component DEFENSE (DLA)	FY 2016 MILITARY CONSTRUCTION PROGRAM	2. Date FEBRUARY 2015
3. Installation And Location DOVER AIR FORCE BASE, DELAWARE	4. Command DEFENSE LOGISTICS AGENCY	5. Area Construction Cost Index 1.11

6. PERSONNEL Tenant of U.S. AIR FORCE	(1) PERMANENT			(2) STUDENTS			(3) GUARD/RESERVE			(4) TOTAL
	OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV	
a.										
b.										

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

8. PROJECTS REQUESTED IN THIS PROGRAM:

a. CATEGORY			b. COST	c. DESIGN STATUS	
(1) CODE	(2) PROJECT TITLE	(3) SCOPE	($000)	(1) START mm/yy	(2) COMPLETE mm/yy
121	CONSTRUCT HYDRANT FUEL SYSTEM	3 OL	21,600	01/13	10/15

9. FUTURE PROJECTS

a. INCLUDED IN FOLLOWING PROGRAM

CATEGORY CODE	PROJECT NUMBER	PROJECT TITLE	COST ($000)
		None	

b. PLANNED IN NEXT THREE YEARS

CATEGORY CODE	PROJECT NUMBER	PROJECT TITLE	COST ($000)
		None	

10. MISSION OR MAJOR FUNCTION

These fuel facilities provide essential storage and distribution systems to support the mission of the Dover Air Force Base, Dover, Delaware. The Dover Team's mission is to provide strategic global airlift capability. Dover is an aerial port of embarkation/debarkation (APOE/APOD).

Deferred sustainment, restoration, and modernization for fuel facilities at this location is $0.9 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 2016 MILITARY CONSTRUCTION	2. Date
DEFENSE (DLA)	PROJECT DATA	FEBRUARY 2015

3. Installation and Location	4. Project Title
DOVER AIR FORCE BASE, DELAWARE	CONSTRUCT HYDRANT FUEL SYSTEM

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
0701111S	121	DESC1605	21,600

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost ($)	Cost ($000)
HYDRANT FUEL SYSTEM.....				17,121
HYDRANT PIPING (CC 125554).....	LF	7,643	1,047	(8,002)
PUMPHOUSE AND FILTER BUILDING (CC 125977)...	SF	3,523	1,277	(4,499)
OPERATING TANKS (CC 124135).....	GA	420,000	6	(2,520)
HYDRANT OUTLETS (CC 121122).....	GM	1,800	1,000	(1,800)
SUSTAINABLE DESIGN (2%).....	LS	-	-	(300)
SUPPORTING FACILITIES.....				2,300
UTILITIES.....	LS	-	-	(1,050)
PAVEMENTS.....	LS	-	-	(750)
SITE IMPROVEMENTS.....	LS	-	-	(500)
SUBTOTAL.....				19,421
CONTINGENCY (5%).....				971
TOTAL CONTRACT COST.....				20,392
SUPERVISION, INSPECTION AND OVERHEAD (5.7%)...				1,162
TOTAL.....				21,554
TOTAL (ROUNDED).....				21,600
EQUIPMENT FROM OTHER APPROPRIATIONS (NON-ADD).				(280)

10. Description of Proposed Construction

Construct a three outlet hydrant fueling system, two 795-kiloliter (kL) (5,000-barrel) aboveground fuel storage tanks, a 114 liter-per-second (1,800 gallon-per-minute) pumphouse and fuel filter/separator facility, transfer pipeline, emergency generator, and product recovery system. Work includes all necessary piping, control systems, cathodic protection, automatic tanks gauging, site work, antiterrorism / force protection measures, utility connections, firefighting pumphouse and tanks, and security lighting. Project includes remediation of contaminated soil funded by other appropriations.

11. REQUIREMENT: 34 OUTLETS (OL)	ADEQUATE: 31 OL	SUBSTANDARD: 0 GM

PROJECT: Construct a modern pressurized hydrant fuel system (C)

REQUIREMENT: There is a need to construct a modern hydrant fuel system to support mission requirements. Faster refueling of aircraft by a hydrant fuel system is needed at an Aerial Port of Embarkation to quickly move hazardous cargo forward to support operations and mission requirements.

CURRENT SITUATION: Aircraft parked on the hazardous cargo apron are currently refueled via refueler trucks. This method of refueling is too slow to support mission requirements. Wide body aircraft require multiple trucks to meet fuel demands. Round trip distance from fuel storage to the hazardous cargo apron is excessive. As a result, fueling times on the hazardous cargo apron are over twice as long per aircraft versus by hydrant fuel operations.

IMPACT IF NOT PROVIDED: If this project is not provided, time to refuel aircraft may threaten successful mission accomplishment. Aircraft servicing operations will

1. Component DEFENSE (DLA)	FY 2016 MILITARY CONSTRUCTION PROJECT DATA		2. Date FEBRUARY 2015
3. Installation and Location DOVER AIR FORCE BASE, DELAWARE		4. Project Title CONSTRUCT HYDRANT FUEL SYSTEM	
5. Program Element 0701111S	6. Category Code 121	7. Project Number DESC1605	8. Project Cost ($000) 21,600

continue to experience delays due to limited numbers of refueling personnel and trucks during peak periods. The continued refueling of wide bodied aircraft by trucks will jeopardize the safety of personnel operating and maintaining overburdened equipment during high-demand periods.

ADDITIONAL: This project meets all applicable DoD criteria. The Defense Logistics Agency certifies that this facility has been considered for joint-use potential. Mission requirements, operational considerations, and location are incompatible with use by other components.

12. Supplemental Data:

A. Estimated Design Data:	
1. Status	
(a) Date Design Started:	01/13
(b) Parametric Cost Estimate Used to Develop Costs (Yes/No):	No
(c) Percent Complete as of February 2015:	35
(d) Date 35 Percent Complete:	06/14
(e) Date Design Complete:	11/15
(f) Type of Design Contract:	D/B/B
2. Basis	
(a) Standard or Definitive Design:	Yes
(b) Date Design was Most Recently Used:	07/13
3. Total Cost (c) = (a) + (b) or (d) + (e) ($000)	
(a) Production of Plans and Specifications:	1,000
(b) All Other Design Costs:	1,000
(c) Total:	2,000
(d) Contract:	1,500
(e) In-House:	500
4. Contract Award:	04/16
5. Construction Start:	05/16
6. Construction Complete:	11/18

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

PURPOSE	PROCURING APPROPRIATION	FISCAL YEAR APPROPRIATED OR REQUESTED	COST ($000)
Automatic Tank Gauging	DWCF	2016	130
Environmental Remediation	DWCF	2016	100
Leak Detection	DWCF	2016	50

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

1. Component DEFENSE (DLA)	FY 2016 MILITARY CONSTRUCTION PROGRAM	2. Date FEBRUARY 2015
3. Installation And Location MOODY AIR FORCE BASE, GEORGIA	4. Command DEFENSE LOGISTICS AGENCY	5. Area Construction Cost Index 0.82

6. PERSONNEL Tenant of U.S. Air Force	(1) PERMANENT			(2) STUDENTS			(3) GUARD/RESERVE			(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	
C. AUTHORIZED NOT YET IN INVENTORY	
D. AUTHORIZATION REQUESTED IN THIS PROGRAM	10,900
E. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM	
F. PLANNED IN NEXT THREE YEARS	
G. REMAINING DEFICIENCY	
H. GRAND TOTAL	10,900

8. PROJECTS REQUESTED IN THIS PROGRAM:

a. CATEGORY			b. COST	c. DESIGN STATUS	
(1) CODE	(2) PROJECT TITLE	(3) SCOPE	($000)	(1) START mm/yy	(2) COMPLETE mm/yy
126	REPLACE PUMPHOUSE AND TRUCK FILLSTANDS	2,400 GM	10,900	12/13	10/15

9. FUTURE PROJECTS

a. INCLUDED IN FOLLOWING PROGRAM

CATEGORY CODE	PROJECT NUMBER	PROJECT TITLE	COST ($000)
		None	

b. PLANNED IN NEXT THREE YEARS

CATEGORY CODE	PROJECT NUMBER	PROJECT TITLE	COST ($000)
		None	

10. MISSION OR MAJOR FUNCTION

These fuel facilities provide essential fuel storage and distribution systems to support the missions of assigned units at Moody Air Force Base (AFB). This location is home to the 23rd Wing which includes several missions: the 23rd Fighter Group with A-10 Fighter Squadrons, the 347th Rescue Group with a HC-130 Rescue Squadron and HH-60 Rescue Squadron, and a Pararescue Squadron.

Deferred sustainment, restoration, and modernization for fuel facilities at this location is $5.2 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 2016 MILITARY CONSTRUCTION	2. Date
DEFENSE (DLA)	PROJECT DATA	FEBRUARY 2015

3. Installation and Location	4. Project Title
MOODY AIR FORCE BASE, GEORGIA	REPLACE PUMPHOUSE AND TRUCK FILLSTANDS

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
0702976S	126	DESC1710	10,900

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost ($)	Cost ($000)
PRIMARY FACILITIES				5,702
PUMPHOUSE (CC 125977)	SF	3,300	1,152	(3,802)
TRUCK FILLSTAND (CC 126925)	OL	4	400,000	(1,600)
TRUCK OFF-LOAD FILTRATION	LS	-	-	(300)
		-		
SUPPORTING FACILITIES	LS	-	-	4,100
SITE PREPARATION & IMPROVEMENTS	LS	-	-	(2,250)
UTILITIES	LS		-	(1,500)
DEMOLITION				(350)
SUBTOTAL				9,802
CONTINGENCY (5%)				490
ESTIMATED CONTRACT COST				10,292
SUPERVISION, INSPECTIN & OVERHEAD (SIOH) (5.7%)				587
TOTAL				10,879
TOTAL (ROUNDED)				10,900
EQUIPMENT FROM OTHER APPROPRIATIONS (NON-ADD)				(50)

10. Description of Proposed Construction

Construct a 152 liter-per-second (2,400 gallon-per minute(GPM)) pumphouse and fuel filter/separator facility, and four position truck fillstand with canopy. Provide fuel receipt filtration at the existing truck off-load facility. Work will include all pavements, secondary containment, emergency generator, and utilities. Project includes demolition of existing fill stands, pumphouse, associated paving and pipelines. Project includes remediation of contaminated soil funded by other appropriations.

11. REQUIREMENT: 2,400 GPM	ADEQUATE: 0	SUBSTANDARD: 250 GPM

PROJECT: Construct a replacement fuel truck fill stand and pumphouse. (C)

REQUIREMENT: There is a need to replace a noncompliant undersized truck fillstand/load fuel facility. An environmentally compliant four position refueler truck fillstand is needed to provide simultaneous truck refueling capability. Additionally there is a need to provide fuel filtration to an existing truck off-load facility. These facilities serve as the primary means of delivering fuel to operating and support units at Moody AFB. This location provides immediate deployment, humanitarian, and search/recovery missions to multiple Combatant Commands, and the Department of Homeland Defense.

CURRENT SITUATION: The current truck fill stand built in 1952 is too slow to meet mission needs. The existing truck fillstand facility is in poor condition with inadequate fuel spill containment, safety provisions, and ineffective filters for removing contaminants from the fuel supply. Also the current configuration prevents filling more than one truck at a time which is required to meet mission demands. In addition, the current truck off-load facility does not have any receipt filtration before the fuel is pumped into the existing fuel storage tanks. The lack of receipt filtration has caused mission disruptions in the past and increases the possibility of future fuel contamination and mission disruptions.

1. Component	FY 2016 MILITARY CONSTRUCTION PROJECT DATA	2. Date
DEFENSE (DLA)		FEBRUARY 2015

3. Installation and Location	4. Project Title
MOODY AIR FORCE BASE, GEORGIA	REPLACE PUMPHOUSE AND TRUCK FILLSTANDS

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
0702976S	126	DESC1710	10,900

IMPACT IF NOT PROVIDED: If this project is not provided the loading of refueling tank trucks will continue to be a lengthy, inefficient operation. As the system ages, protracted out-of-service time will cause delays in refueling aircraft for operational, deployment, and training missions. The mission, environment, and operators will be at risk.

ADDITIONAL: This project meets all applicable DoD criteria. The Defense Logistics Agency certifies that this facility has been considered for joint-use potential. Mission requirements, operational considerations, and location are incompatible with use by other components. Sustainable principles will be integrated into the design, development, and construction of the project in accordance with Executive Order 13424 and other applicable laws and Executive Orders.

12. Supplemental Data:

A. Estimated Design Data:	
1. Status	
(a) Date Design Started:	12/13
(b) Parametric Cost Estimate Used to Develop Costs (Yes/No):	No
(c) Percent Complete as of February 2015:	35
(d) Date 35 Percent Complete:	06/14
(e) Date Design Complete:	10/15
(f) Type of Design Contract:	D/B/B
2. Basis	
(a) Standard or Definitive Design:	Yes
(b) Date Design was Most Recently Used:	08/13
3. Total Cost (c) = (a) + (b) or (d) + (e) ($000)	
(a) Production of Plans and Specifications:	600
(b) All Other Design Costs:	350
(c) Total:	950
(d) Contract:	50
(e) In-House:	900
4. Contract Award:	02/16
5. Construction Start:	03/16
6. Construction Complete:	09/17

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

PURPOSE	APPROPRIATION	FISCAL YEAR REQUIRED	AMOUNT ($000)
Environmental Remediation	DWCF/OMAF	2016	50

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

1. Component DEFENSE (DLA)	FY 2016 MILITARY CONSTRUCTION PROGRAM	2. Date FEBRUARY 2015
3. Installation And Location NELLIS AIR FORCE BASE, NEVADA	4. Command DEFENSE LOGISTICS AGENCY	5. Area Construction Cost Index 1.17

6. PERSONNEL Tenant of U.S. Air Force	(1) PERMANENT			(2) STUDENTS			(3) GUARD/RESERVE			(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	
C. AUTHORIZED NOT YET IN INVENTORY	
D. AUTHORIZATION REQUESTED IN THIS PROGRAM	39,900
E. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM	
F. PLANNED IN NEXT THREE YEARS	
G. REMAINING DEFICIENCY	
H. GRAND TOTAL	39,900

8. PROJECTS REQUESTED IN THIS PROGRAM:

a. CATEGORY			b. COST	c. DESIGN STATUS	
(1) CODE	(2) PROJECT TITLE	(3) SCOPE	($000)	(1) START mm/yy	(2) COMPLETE mm/yy
121	REPLACE HYDRANT FUEL SYSTEM	28 OL	39,900	01/14	10/15

9. FUTURE PROJECTS

a. INCLUDED IN FOLLOWING PROGRAM

CATEGORY CODE	PROJECT NUMBER	PROJECT TITLE	COST ($000)
		None	

b. PLANNED IN NEXT THREE YEARS

CATEGORY CODE	PROJECT NUMBER	PROJECT TITLE	COST ($000)
		None	

10. MISSION OR MAJOR FUNCTION

These fuel facilities provide essential fuel storage and distribution systems to support the missions of assigned units at Nellis Air Force Base and other contingency operations.

Deferred sustainment, restoration, and modernization for fuel facilities at this location is $2.6 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 2016 MILITARY CONSTRUCTION	2. Date
DEFENSE (DLA)	PROJECT DATA	FEBRUARY 2015

3. Installation and Location	4. Project Title
NELLIS AIR FORCE BASE, NEVADA	REPLACE HYDRANT FUEL SYSTEM

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
0702976S	121	DESC1613	39,900

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost ($)	Cost ($000)
PRIMARY FACILITIES.....				28,047
HYDRANT PIPING (CC 125554).....	LF	3,900	1,897	(7,398)
OPERATING FUEL TANKS (CC 124135).....	GA	840,000	8	(6,720)
PUMPHOUSE / FILTER BUILDING (CC 125977).....	SF	3,893	1,516	(5,902)
HYDRANT OUTLETS (CC 121122).....	GM	2,400	2,083	(4,999)
GROUND VEHICLE FUEL FACILITY (CC 123335) ...	OL	4	532,000	(2,128)
TRUCK FILLSTAND (CC 126925).....	OL	2	450,000	(900)
SUPPORTING FACILITIES.....				7,850
UTILITIES.....	LS	-	-	(3,400)
SITE PREPARATION & IMPROVEMENTS.....	LS	-	-	(3,000)
DEMOLITION.....	LS	-	-	(1,450)
SUBTOTAL.....				35,897
CONTINGENCY (5%).....				1,795
ESTIMATED CONTRACT COST.....				37,692
SUPERVISION, INSPECTION & OVERHEAD (SIOH) (5.7%)				2,148
TOTAL.....				39,840
TOTAL (ROUNDED).....				39,900
EQUIPMENT FROM OTHER APPROPRIATIONS (NON-ADD).				(180)

10. Description of Proposed Construction

Construct a hydrant fuel system with twenty-eight hydrants outlets, two 1,590-kiloliter (kl) (10,000-barrel) aboveground fuel storage tanks, a 152 liter-per-second (2,400 gallon-per minute) pumphouse, fuel filter/separator facility, truck fillstands, hydrant hose truck checkout, product recovery system and transfer pipeline. Work includes piping, valves, control systems, cathodic protection, automatic tank gauging, fire protection, emergency generator, utility connections, access pavements, fencing, and security lighting. Construct a Ground Vehicle Fueling Facility to include two covered islands, fuel dispensers, four 45.4 kiloliter (12,000 gallon) aboveground storage tanks and control building. Includes site work and utilities. Demolish existing storage tanks and associated facilities.

11. REQUIREMENT: 28 Outlets(OL)	ADEQUATE: 0 OL	SUBSTANDARD: 28 OL

PROJECT: Replace a hydrant fuel system, transfer pipeline and ground vehicle fueling facility. (C)

REQUIREMENT: There is a need to replace an undersized and failing hydrant fuel system. Fuel throughput, storage, and defueling capacity greater than which currently exists, is required to support the multiple sizes and types of aircraft, to include NATO forces, and meet the robust Nellis training missions.

CURRENT SITUATION: The existing failing hydrant system is largely comprised of fiberglass reinforced plastic fuel pipeline which is leak prone and unreliable. Multiple fuel leaks have occurred since 1995. Fuel system outages and resulting soil and groundwater remedial actions have occurred.

1. Component	FY 2016 MILITARY CONSTRUCTION	2. Date
DEFENSE (DLA)	PROJECT DATA	FEBRUARY 2015

3. Installation and Location	4. Project Title
NELLIS AIR FORCE BASE, NEVADA	REPLACE HYDRANT FUEL SYSTEM

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
0702976S	121	DESC1613	39,900

Also the system is not looped so it does not allow for flushing to retain fuel quality nor does it have defueling capabilities which hinder the mission. The systems electronic controls continue to suffer from the effects of extreme hot weather and are causing failures. The existing Ground Vehicle Fueling Facility does not have E85 capability and there are no facilities within 5 miles that can supply E-85.

IMPACT IF NOT PROVIDED: If this project is not provided, Nellis AFB will continue to be hampered by delays in refueling aircraft. Reliance on refueler trucks will increase sortie turnaround times and exhaust equipment and the work force. The risk of environmental contamination will increase due to pipeline failures.

ADDITIONAL: This project meets all applicable DoD criteria. The Defense Logistics Agency certifies that this facility has been considered for joint-use potential. Mission requirements, operational considerations, and location are incompatible with use by other components. Sustainable principles will be integrated into the design, development, and construction of the project in accordance with Executive Order 13424 and other applicable laws and Executive Orders.

12. Supplemental Data:

A. Estimated Design Data:	
1. Status	
(a) Date Design Started:	01/14
(b) Parametric Cost Estimate Used to Develop Costs (Yes/No):	No
(c) Percent Complete as of February 2015:	35
(d) Date 35 Percent Complete:	06/14
(e) Date Design Complete:	10/15
(f) Type of Design Contract:	D/B/B
2. Basis	
(a) Standard or Definitive Design:	Yes
(b) Date Design was Most Recently Used:	08/13
3. Total Cost (c) = (a) + (b) or (d) + (e) ($000)	
(a) Production of Plans and Specifications:	2,000
(b) All Other Design Costs:	500
(c) Total:	2,500
(d) Contract:	1,500
(e) In-House:	1,000
4. Contract Award:	02/16
5. Construction Start:	03/16
6. Construction Complete:	09/17

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

PURPOSE	APPROPRIATION	FISCAL YEAR REQUIRED	AMOUNT ($000)
Automatic Tank Gauging	DWCF	2016	180

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

1. Component DEFENSE (DLA)	FY 2016 MILITARY CONSTRUCTION PROGRAM	2. Date FEBRUARY 2015
3. Installation And Location CANNON AIR FORCE BASE, NEW MEXICO	4. Command DEFENSE LOGISTICS AGENCY	5. Area Construction Cost Index 1.03

6. PERSONNEL Tenant of U.S. Air Force	(1) PERMANENT			(2) STUDENTS			(3) GUARD/RESERVE			(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	
C. AUTHORIZED NOT YET IN INVENTORY	
D. AUTHORIZATION REQUESTED IN THIS PROGRAM	20,400
E. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM	
F. PLANNED IN NEXT THREE YEARS	
G. REMAINING DEFICIENCY	
H. GRAND TOTAL	20,400

8. PROJECTS REQUESTED IN THIS PROGRAM:

a. CATEGORY			b. COST	c. DESIGN STATUS	
(1) CODE	(2) PROJECT TITLE	(3) SCOPE	($000)	(1) START mm/yy	(2) COMPLETE mm/yy
125	CONSTRUCT PUMPHOUSE AND FUEL STORAGE	2,400 GM	20,400	12/13	12/15

9. FUTURE PROJECTS

a. INCLUDED IN FOLLOWING PROGRAM

CATEGORY CODE	PROJECT NUMBER	PROJECT TITLE	COST ($000)

b. PLANNED IN NEXT THREE YEARS

CATEGORY CODE	PROJECT NUMBER	PROJECT TITLE	COST ($000)

10. MISSION OR MAJOR FUNCTION

These fuel facilities provide essential fuel storage and distribution systems to support the missions of assigned units at Cannon Air Force Base and other contingency operations.

Deferred sustainment, restoration, and modernization for fuel facilities at this location is $3.5 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 2016 MILITARY CONSTRUCTION PROJECT DATA	2. Date
DEFENSE (DLA)		FEBRUARY 2015

3. Installation and Location	4. Project Title
CANNON AIR FORCE BASE, NEW MEXICO	CONSTRUCT PUMPHOUSE AND FUEL STORAGE

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
0701111S	125	DESC1702	20,400

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost ($)	Cost ($000)
PRIMARY FACILITIES.....				12,076
PUMPHOUSE (CC 125977)	SF	3,880	1,391	(5,397)
FUEL STORAGE TANKS (CC 124135).....	GA	420,000	9	(3,780)
TRUCK FILLSTANDS (CC 126925).....	OL	4	333,333	(1,333)
FUEL VEHICLE DISPATCH FACILITY (CC 123335)	SF	1,830	492	(900)
TRUCK OFF-LOAD (CC 126926).....	OL	2	333,333	(666)
SUPPORTING FACILITIES.....				6,260
SITE WORK AND PAVING.....	LS	-	-	(4,360)
UTILITIES.....	LS	-	-	(1,900)
SUBTOTAL.....				18,336
CONTINGENCY (5%).....				917
ESTIMATED CONTRACT COST.....				19,253
SUPERVISION, INSPECTION & OVERHEAD (SIOH) (5.7%)				1,097
TOTAL.....				20,350
TOTAL (ROUNDED).....				20,400
EQUIPMENT FROM OTHER APPROPRIATIONS (NON-ADD)				(280)

10. Description of Proposed Construction

Construct new satellite fuels storage distribution point with two 794-kiloliter (kL) (5,000-barrel) above ground fuel storage tanks, 152 liter-per-second (2,400 gallon-per-minute) pumphouse and fuel filter/separator facility with emergency generator, driver's dispatch area, four truck fillstands and two truck off-loads with canopy, transfer pipeline, refueling truck parking and checkout area, and product recovery system. Work includes all necessary control systems, cathodic protection, automatic tanks gauging, fire protection, site work, demolition, utility connections, fencing, and security lighting. Project includes remediation of fuel contaminated soil funded by other appropriation.

11. REQUIREMENT: 2,400 gallons-per-minute (GPM)	ADEQUATE: 1,800 GPM	SUBSTANDARD: 0 GPM

PROJECT: Construct operational fuel storage tanks, pumphouse, truck fillstand and off-loading facility. (C)

REQUIREMENT: There is a need to construct additional operating fuel storage and truck fillstands to support immediate refueling requirements of the installation. Cannon AFB is the support base for the Air Force Special Operations Command. Faster refueling of aircraft is needed to meet stringent aircraft sortie rates and Operation Plan requirements for all theaters and Homeland Security missions.

CURRENT SITUATION: The current refueling facilities are located on the northwest side of runway. Aircraft require refueling from both the northwest and southeast of the runways. Refueling in this manner is too slow to support mission requirements. Refueler truck travel distances to southeast runway refueling locations exceed allowable ground time planning factors. In addition fuel trucks must pass through the runway clear zones making fuel delivery unpredictable with aircraft movements.

1. Component	FY 2016 MILITARY CONSTRUCTION PROJECT DATA	2. Date
DEFENSE (DLA)		FEBRUARY 2015

3. Installation and Location	4. Project Title
CANNON AIR FORCE BASE, NEW MEXICO	CONSTRUCT PUMPHOUSE AND FUEL STORAGE

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
0701111S	125	DESC1702	20,400

IMPACT IF NOT PROVIDED: If this project is not provided, the continued method refueling assigned and transient aircraft may threaten successful mission accomplishment. Aircraft will be diverted to other locations to refuel due to inability to meeting refueling turnaround times. Sorties will be delayed due to not meeting ground time planning factors. The existing fill stands and fuelers will be overburdened supporting multiple locations on the installation. Safety, fuel spills, and vehicle accident risks will increase with the continuing use of much longer refueling vehicle travel distances.

ADDITIONAL: An analysis of the status quo versus construction of a hydrant fuel system concluded that construction is the only feasible alternative to accomplish the mission and comply with regulatory and safety standards. This project meets all applicable DoD criteria. The Defense Logistics Agency certifies that this facility has been considered for joint-use potential. Mission requirements, operational considerations, and location are incompatible with use by the other components.

12. Supplemental Data:

A. Estimated Design Data:	
1. Status	
(a) Date Design Started:	12/13
(b) Parametric Cost Estimate Used to Develop Costs (Yes/No):	No
(c) Percent Complete as of February 2015:	35
(d) Date 35 Percent Complete:	07/14
(e) Date Design Complete:	12/15
(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:	1,000
(c) Total:	2,000
(d) Contract:	1,500
(e) In-House:	500
4. Contract Award:	03/16
5. Construction Start:	04/16
6. Construction Complete:	06/18

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

PURPOSE	APPROPRIATION	FISCAL YEAR REQUIRED	AMOUNT ($000)
Automatic Tank Gauging	DWCF	2016	130
Environmental Remediation	DWCF	2016	150

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

1. Component DEFENSE (DLA)	FY 2016 MILITARY CONSTRUCTION PROGRAM	2. Date FEBRUARY 2015
3. Installation And Location AIR NATIONAL GUARD KLAMATH FALLS INTERNATIONAL AIR PORT, OREGON	4. Command DEFENSE LOGISTICS AGENCY	5. Area Construction Cost Index 1.11

6. PERSONNEL ANG FACILITY	(1) PERMANENT			(2) STUDENTS			(3) GUARD/RESERVE			(4) TOTAL
	OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV	
a. ACTUAL AS OF										
b. AUTHORIZED										

7. INVENTORY DATA ($000)	
A. TOTAL ACREAGE	
B. INVENTORY TOTAL AS OF	
C. AUTHORIZED NOT YET IN INVENTORY	
D. AUTHORIZATION REQUESTED IN THIS PROGRAM	2,500
E. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM	
F. PLANNED IN NEXT THREE YEARS	0
G. REMAINING DEFICIENCY	
H. GRAND TOTAL	2,500

8. PROJECTS REQUESTED IN THIS PROGRAM:

a. CATEGORY			b. COST	c. DESIGN STATUS	
(1) CODE	(2) PROJECT TITLE	(3) SCOPE	($000)	(1) START mm/yy	(2) COMPLETE mm/yy
126	Replace Fuel Facilities	2 OL	2,500	10/10	12/14

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

These fuel facilities provide essential storage and distribution systems to support the mission of assigned Air National Guard units and transient aircraft at Klamath Falls International Airport (IAP), Oregon.

Deferred sustainment, restoration, and modernization for fuel facilities at this location is $0.4 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 2016 MILITARY CONSTRUCTION	2. Date
DEFENSE (DLA)	PROJECT DATA	FEBRUARY 2015

3. Installation and Location	4. Project Title
AIR NATIONAL GUARD KLAMATH FALLS, KINGSLEY FIELD, OREGON	REPLACE FUEL FACILITIES

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
0702976S	126	DESC14U2	2,500

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost ($)	Cost ($000)
PRIMARY FACILITIES				2,109
TRUCK OFF-LOAD (CC 126926)	OL	2	532,500	(1,065)
TRUCK FILLSTAND (CC 126925)	OL	2	325,000	(650)
PUMPHOUSE (CC 125977)	LS	-	-	(394)
SUPPORTING FACILITIES				115
SITE PREPARATION	LS	-	-	(70)
UTILITIES	LS	-	-	(45)
SUBTOTAL				2,224
CONTINGENCY (5%)				111
ESTIMATED CONTRACT COST				2,335
SUPERVISION, INSPECTION & OVERHEAD (SIOH) (5.7%)				133
TOTAL				2,468
TOTAL (ROUNDED)				2,500
EQUIPMENT FROM OTHER APPROPRIATIONS (NON-ADD)				50

10. Description of Proposed Construction

Relocate and replace two existing truck fillstands, two truck off-load positions, pumphouse, and provide spill containment. Relocate or replace the existing filter separators. Work includes all necessary control systems, piping, cathodic protection, fire protection, site work, demolition, utility connections, fencing, and security lighting. Project includes remediation of contaminated soil funded by other appropriation.

11. REQUIREMENT: 2 OUTLETS (OL)	ADEQUATE: 0 OL	SUBSTANDARD: 2 OL

PROJECT: Replace obsolete and mal positioned fuel truck fillstand and off-load facilities with modern facilities. (C)

REQUIREMENT: There is a need to more quickly off-load commercial fuel trucks delivering jet fuel than the current single-hose off-load station can provide. There is a need to replace a noncompliant truck fillstand facility. The new off-load and fillstands will comply with current standard design criteria. The truck off-load will allow simultaneous unloading of multiple-compartment tankers using higher flow-rate pumps with overfill provisions and safety controls. The fuel facilities are required to supply the 173 Fighter Wing refueling requirements.

CURRENT SITUATION: The current truck off-load and fillstand facilities do not meet current environmental and safety criteria. The pumps for these facilities are below ground level and constantly exposed to ground water flooding during winter and spring months requiring frequent pump rebuild. The flooding makes the off-loading operation unreliable. The current truck facilities are also too slow to meet mission needs. Also the truck facilities are currently located within the secured locations of the installation requiring additional screening and delays in refueling.

1. Component	FY 2016 MILITARY CONSTRUCTION PROJECT DATA	2. Date
DEFENSE (DLA)		FEBRUARY 2015

3. Installation and Location	4. Project Title
AIR NATIONAL GUARD KLAMATH FALLS, KINGSLEY FIELD, OREGON	REPLACE FUEL FACILITIES

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
0702976S	126	DESC14U2	2,500

IMPACT IF NOT PROVIDED: Loading and unloading of refueler tank trucks will continue to be a lengthy, inefficient operation. The environment and operators will be at risk due to lack of adequate containment surfaces and operating from a facility that does not have all the current DoD safety features.

ADDITIONAL: This project meets all applicable DoD criteria. 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.

12. Supplemental Data:

A. Estimated Design Data:	
1. Status	
(a) Date Design Started:	10/10
(b) Parametric Cost Estimate Used to Develop Costs (Yes/No):	No
(c) Percent Complete as of February 2015:	95
(d) Date 35 Percent Complete:	03/11
(e) Date Design Complete:	12/14
(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:	100
(b) All Other Design Costs:	100
(c) Total:	200
(d) Contract:	150
(e) In-House:	50
4. Contract Award:	03/16
5. Construction Start:	04/16
6. Construction Complete:	06/17

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

PURPOSE	APPROPRIATION	FISCAL YEAR REQUIRED	AMOUNT ($000)
Environmental Remediation	DWCF	2016	50

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

1. Component DEFENSE (DLA)	FY 2016 MILITARY CONSTRUCTION PROGRAM	2. Date FEBRUARY 2015
3. Installation And Location DEFENSE LOGISTICS AGENCY TROOP SUPPORT PHILADELPHIA, PENNSYLVANIA	4. Command DEFENSE LOGISTICS AGENCY	5. Area Construction Cost Index 1.25

6. PERSONNEL Tenant of U.S. Navy	(1) PERMANENT			(2) STUDENTS			(3) GUARD/RESERVE			(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	
C. AUTHORIZED NOT YET IN INVENTORY	8,000
D. AUTHORIZATION REQUESTED IN THIS PROGRAM	49,700
E. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM	0
F. PLANNED IN NEXT THREE YEARS	0
G. REMAINING DEFICIENCY	0
H. GRAND TOTAL	57,700

8. PROJECTS REQUESTED IN THIS PROGRAM:

a. CATEGORY			b. COST	c. DESIGN STATUS	
(1) CODE	(2) PROJECT TITLE	(3) SCOPE	($000)	(1) START mm/yy	(2) COMPLETE mm/yy
610	REPLACE HEADQUARTERS	108,500 SF	49,700	12/12	08/14

9. FUTURE PROJECTS

a. INCLUDED IN FOLLOWING PROGRAM

CATEGORY CODE	PROJECT NUMBER	PROJECT TITLE	COST ($000)
		None	

b. PLANNED IN NEXT THREE YEARS

CATEGORY CODE	PROJECT NUMBER	PROJECT TITLE	COST ($000)
		None	

10. MISSION OR MAJOR FUNCTION

DLA Troop Support is the substance, clothing and textiles, medical, construction & equipment and industrial hardware supply chain manager for the Defense Logistics Agency. DLA Troop Support serves as the primary source of supply for over $14 billion commodities in support of the DoD and global humanitarian assistance substance related missions.

Deferred sustainment, restoration, and modernization for facilities at this location is $19.5 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 2016 MILITARY CONSTRUCTION	2. Date
DEFENSE (DLA)	PROJECT DATA	FEBRUARY 2015

3. Installation and Location	4. Project Title	
DEFENSE LOGISTICS AGENCY TROOP SUPPORT, PHILADELPHIA, PENNSYLVANIA	REPLACE HEADQUARTERS	
5. Program Element: 0702976S	6. Category Code: 610	7. Project Number: DSCP1501	8. Project Cost ($000): 49,700

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost ($)	Cost ($000)
PRIMARY FACILITIES				35,076
HEADQUARTERS BUILDING (CC 61010)	SF	108,500	303	(32,876)
SUSTAINABLE DESIGN (LEED SILVER)	LS	-	-	(1,000)
SPECIAL FOUNDATION	LS	-	-	(600)
ANTITERRORISM MEASURES	LS	-	-	(600)
SUPPORTING FACILITIES				9,680
PAVING AND SITE IMPROVEMENTS	LS	-	-	(3,480)
DEMOLITION	LS	-	-	(2,500)
UTILITIES	LS	-	-	(2,000)
SITE PREPARATION	LS	-	-	(1,700)
SUBTOTAL				44,756
CONTINGENCY (5%)				2,238
ESTIMATED CONTRACT COST				46,994
SUPERVISION, INSPECTION & OVERHEAD (SIOH) (5.7%)				2,679
TOTAL				49,673
TOTAL (ROUNDED)				49,700
REQUIREMENTS FROM OTHER APPROPRIATIONS (NON-ADD)				(5,000)

10. Description of Proposed Construction

Construct 10,080 square-meter (SM) (108,500 square-foot) (SF) multi-story office building to accommodate more than 400 employees of a Primary Level Field Activity command headquarters. The project includes a Command suite, office areas, and administrative support areas, access control, secure operational and unclassified command and control conference and Video Tele-Conference (VTC) space with uninterruptable power supply and stand by generators, conference space, special foundations, lightning protection, fire suppression; fire alarm, mass notification, and intrusion detection systems. Connect energy management system (EMCS). Install Intrusion Detection System (IDS). Supporting facilities include all required utility systems, paving, and walkways, site improvements and information systems. Provide Antiterrorism/Force Protection measures to include strengthened against progressive collapse, laminated glass in reinforced frames, and reinforced doors. Access for handicapped will be provided. Demolish two existing buildings (109,469 SF). Project includes remediation of contaminated soil funded by other appropriation.

1. Component DEFENSE (DLA)	FY 2016 MILITARY CONSTRUCTION PROJECT DATA		2. Date FEBRUARY 2015
3. Installation and Location DEFENSE LOGISTICS AGENCY TROOP SUPPORT, PHILADELPHIA, PENNSYLVANIA		4. Project Title REPLACE HEADQUARTERS	
5. Program Element 0702976S	6. Category Code 610	7. Project Number DSCP1501	8. Project Cost ($000) 49,700
11. REQUIREMENT: 108,500 SF	ADEQUATE: 0 SF	SUBSTANDARD: 108,500 SF	

PROJECT: Replace existing headquarters facility. (C)

REQUIREMENT: There is a need to provide DLA Troop Support, a DLA major subordinate command, adequate administrative and operational space that complies with all modern accessibility, fire and life safety, force protection, and energy conservation requirements. The mission of the DLA Troop Support is to provide the United States armed forces with food, clothing, textiles, medicines, medical equipment, construction and equipment supplies, and industrial hardware.

DLA Troop Support serves as the primary source of supply for over $14 billion of annual operating supply items though over 31.5 million orders for DoD. The project will ensure that command and control for vital subsistence missions are retained and operationally capable. This function supports national humanitarian assistance events such as Hurricanes Katrina, Rita, and Sandy as well as worldwide events such as the U.S. response to earthquakes in Japan, Samoa, and Haiti.

CURRENT SITUATION: DLA Troop Support currently occupies an outdated, non-compliant, and failing existing administrative facility. It is more than 70 years old. The building is highly energy inefficient and does not meet current Anti-Terrorism Force Protection, security, access control, or handicap accessibility requirements. The supporting utility and HVAC systems are old and failing. Replacement of HVAC units will only slightly improve efficiency.

IMPACT IF NOT PROVIDED: If this project is not provided, DLA Troop Support will continue to maintain existing at risk and failing facilities. Responsiveness to Combatant Commanders and 24 x 7 national humanitarian assistance capabilities may be jeopardized. Use of failing facilities reduces productivity and hurts DLA Troop Support’s ability to hire and retain quality work force. Additionally, if this project is not built, costly repairs will be incurred to bring the existing building into compliance with current standards.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required antiterrorism protection measures are included. An economic analysis has been prepared and utilized in evaluating this project. This project is the most cost-effective method to satisfy the requirement. The Director DLA certifies that this project has been considered for joint use potential. The facility will be available for use by other components. Sustainable principles, to include Life Cycle cost-effective practices, will be integrated into the designs, development, and construction of the project in accordance with Executive Order 13423, 10 USC 2802(c), and other applicable laws and Executive Orders.

1. Component	FY 2016 MILITARY CONSTRUCTION PROJECT DATA	2. Date
DEFENSE (DLA)		FEBRUARY 2015

3. Installation and Location	4. Project Title
DEFENSE LOGISTICS AGENCY TROOP SUPPORT, PHILADELPHIA, PENNSYLVANIA	REPLACE HEADQUARTERS

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
0702976S	610	DSCP1501	49,700

12. Supplemental Data:

A. Estimated Design Data:	
1. Status	
(a) Date Design Started:	12/12
(b) Parametric Cost Estimate Used to Develop Costs (Yes/No):	Yes
(c) Percent Complete as of February 2015:	65
(d) Date 35 Percent Complete:	01/14
(e) Date Design Complete:	02/15
(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 500
3. Total Cost (c) = (a) + (b) or (d) + (e) ($000)	2,500
(a) Production of Plans and Specifications:	3,000
(b) All Other Design Costs:	1,800
(c) Total:	1,200
(d) Contract:	
(e) In-House:	01/16
	02/16
4. Contract Award:	02/18
5. Construction Start:	
6. Construction Complete:	

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

PURPOSE	APPROPRIATION	FISCAL YEAR REQUIRED	AMOUNT ($000)
Prewired Workstations	DWCF	2017	3,300
Intrusion Detection System	DWCF	2017	400
Telecommunications	DWCF	2017	1,100
Environmental Remediation	DWCF	2017	200

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

1. Component DEFENSE (DLA)	FY 2016 MILITARY CONSTRUCTION PROGRAM	2. Date FEBRUARY 2015
3. Installation And Location FORT BELVOIR, VIRGINIA	4. Command DEFENSE LOGISTICS AGENCY	5. Area Construction Cost Index 0.98

6. PERSONNEL Tenant of U.S. Army	(1) PERMANENT			(2) STUDENTS			(3) GUARD/RESERVE			(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	
C. AUTHORIZED NOT YET IN INVENTORY	
D. AUTHORIZATION REQUESTED IN THIS PROGRAM	9,500
E. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM	
F. PLANNED IN NEXT THREE YEARS	
G. REMAINING DEFICIENCY	
H. GRAND TOTAL	9,500

8. PROJECTS REQUESTED IN THIS PROGRAM:

a. CATEGORY			b. COST	c. DESIGN STATUS	
(1) CODE	(2) PROJECT TITLE	(3) SCOPE	($000)	(1) START mm/yy	(2) COMPLETE mm/yy
141	CONSTRUCT VISITOR CONTROL CENTER	2,480 SF	5,000	01/14	07/15
123	REPLACE GROUND VEHICLE FUELING FACILITY	4 OL	4,500	01/14	09/15

9. FUTURE PROJECTS

a. INCLUDED IN FOLLOWING PROGRAM

CATEGORY CODE	PROJECT NUMBER	PROJECT TITLE	COST ($000)
		None	

b. PLANNED IN NEXT THREE YEARS

CATEGORY CODE	PROJECT NUMBER	PROJECT TITLE	COST ($000)
		None	

10. MISSION OR MAJOR FUNCTION

Defense Logistics Agency organizes, directs, and accomplishes the management of supplies in assigned Federal groups and provides supply support of decentralized and non-cataloged items to the Army, Navy, Air Force, and Marines. DLA also supports tenant activities on the installation including the DCAA, DTRA and other Department of Defense tenants. The fuel facilities provide essential fuel distribution systems to support the missions of assigned units at Fort Belvoir and regional GSA vehicles.

Deferred sustainment, restoration, and modernization for fuel 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 2016 MILITARY CONSTRUCTION PROJECT DATA	2. Date
DEFENSE (DLA)		FEBRUARY 2015

3. Installation and Location	4. Project Title
FORT BELVOIR, VIRGINIA	CONSTRUCT VISITOR CONTROL CENTER

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
0701111S	141	DSFF1501	5,000

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost ($)	Cost ($000)
PRIMARY FACILITIES.....				1,483
VISITOR CONTROL CENTER (CC 14113)	SF	2,480	598	(1,483)
SUPPORTING FACILITIES.....	-	-	-	2,950
SITE PREPARATION, PAVING & SITE IMPROVEMENTS.	LS	-	-	(1,900)
SITE UTILITIES.....	LS	-	-	(1,050)
SUBTOTAL.....				4,433
CONTINGENCY (5%).....				222
ESTIMATED CONTRACT COST.....				4,655
SUPERVISION, INSPECTION & OVERHEAD (SIOH)(5.7%)				265
TOTAL.....				4,920
TOTAL (ROUNDED).....				5,000
EQUIPMENT FROM OTHER APPROPRIATIONS (NON-ADD)..				(150)

10. Description of Proposed Construction

Construct a 230 square-meter (m2) (2,480 square-foot (SF)) standard design visitor control center. Project includes a waiting area, service counter, security personnel office space and break room, restrooms, mechanical and communications space. Work includes site preparation, access roadway, utility connections, fencing, security lighting and paved parking.

11. REQUIREMENT: 2,480 (SF)	ADEQUATE: 0 SF	SUBSTANDARD: 0 SF

PROJECT: Provide new visitor center(C)

REQUIREMENT: There is a need to integrate visitor control and processing into the existing access control point. This will allow the installation to comply with anti-terrorism/force protection security requirements. The Headquarters Complex has a security perimeter and guarded access control points without a visitor control center.

CURRENT SITUATION: Currently there is no visitor control center at the access control point (ACP) entering the Headquarter Complex (HQC) fenced compound. Visitors are processed through the guard check point at the ACP and directed to park at the visitor parking area and then processed at the main building entrance. This configuration is not in compliance with DoD standards for force protection.

IMPACT IF NOT PROVIDED: If this project is not provided, visitors will continue to be processed through the main access control point entrance to the Headquarters Complex. This causes longer inspection processing through the guard stations which in turn causes prolonged delays of employees entering the gate. Without this project, DLA will not be able to comply with current requirements of access control point measures for security and antiterrorism enforcement. HQC security forces will continue to be hampered by inadequate facilities to process incoming visitors.

1. Component	FY 2016 MILITARY CONSTRUCTION PROJECT DATA	2. Date
DEFENSE (DLA)		FEBRUARY 2015

3. Installation and Location	4. Project Title
FORT BELVOIR, VIRGINIA	CONSTRUCT VISITOR CONTROL CENTER

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
0701111S	141	DSFF1501	5,000

ADDITIONAL: This project meets all applicable DoD criteria. The Director, Defense Logistics Agency, certifies that this facility has been considered for joint-use potential. Mission requirements, operational considerations, and location are incompatible with use by the other components.

12. Supplemental Data:

A. Estimated Design Data:	
1. Status	
(a) Date Design Started:	01/14
(b) Parametric Cost Estimate Used to Develop Costs (Yes/No):	No
(c) Percent Complete as of February 2015:	35
(d) Date 35 Percent Complete:	06/14
(e) Date Design Complete:	09/15
(f) Type of Design Contract:	D/B/B
2. Basis	
(a) Standard or Definitive Design:	Yes
(b) Date Design was Most Recently Used:	03/14
3. Total Cost (c) = (a) + (b) or (d) + (e) ($000)	
(a) Production of Plans and Specifications:	300
(b) All Other Design Costs:	100
(c) Total:	400
(d) Contract:	60
(e) In-House:	340
4. Contract Award:	04/16
5. Construction Start:	06/16
6. Construction Complete:	10/17

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

PURPOSE	APPROPRIATION	FISCAL YEAR REQUIRED	AMOUNT ($000)
Telecommunications	DWCF	2016	50
Intrusion Detection System	DWCF	2016	50
Systems & Other Furniture	DWCF	2016	50

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

1. Component	FY 2016 MILITARY CONSTRUCTION	2. Date
DEFENSE (DLA)	PROJECT DATA	FEBRUARY 2015

3. Installation and Location	4. Project Title
FORT BELVOIR, VIRGINIA	REPLACE GROUND VEHICLE FUELING FACILITY

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
0702976S	123	DESC1609	4,500

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost ($)	Cost ($000)
PRIMARY FACILITIES				2,380
GROUND VEHICLE FUELING FACILITY (CC 12322)	OL	1	600,000	(600)
GROUND VEHICLE FUELING FACILITY (CC 12311)	OL	1	500,000	(500)
GROUND VEHICLE FUELING FACILITY (CC 12310)	OL	1	350,000	(350)
GROUND VEHICLE FUELING FACILITY (CC 12312)	OL	1	350,000	(350)
TRUCK FILLSTAND (CC 12660)	OL	2	150,000	(300)
FUEL CONTROL BUILDING FACILITY (CC 61050)	SF	1,078	260	(280)
SUPPORTING FACILITIES				1,660
SITE PREPARATION AND IMPROVEMENTS	LS	-	-	(760)
SITE UTILITIES	LS	-	-	(900)
SUBTOTAL				4,040
CONTINGENCY (5%)				202
ESTIMATED CONTRACT COST				4,242
SUPERVISION, INSPECTION & OVERHEAD (SIOH) (5.7%)				242
TOTAL				4,484
TOTAL (ROUNDED)				4,500
EQUIPMENT FROM OTHER APPROPRIATIONS (NON-ADD)				(230)

10. Description of Proposed Construction

Provide a ground vehicle fueling facility consisting of four self-contained double walled underground tanks (two. 45.2 kiloliters (kL)/12,000 gallons, one. 113.62 kiloliters (kL)/20,000 gallons and one 75.7 kiloliters (kL)/30,000 gallons), integral receipt and dispensing stations with four outlets and canopy, and secondary containment. Provide two truck fillstands with four offload connections and canopy, and parking for two refueler trucks. Provide a 100 square-meter (1,078 square foot) fuel station control building. Work includes site work, fencing with gates, and utilities.

11. REQUIREMENT: 4 OUTLETS (OL)	ADEQUATE: 0 OL	SUBSTANDARD: 4 OL

PROJECT: Replace a Ground Vehicle Fuel Facility. (C)

REQUIREMENT: There is a need to replace deteriorated ground vehicle fuel facility built in 1934 to support the mission requirements at Fort Belvoir, Virginia. The existing fuel storage tanks and fuel piping will be replaced to meet DoD and industry standards. This project will assist the Army in meeting their Energy Policy Act goals for this location by providing alternative fuel sources for the assigned ground vehicles.

CURRENT SITUATION: The existing 80-year-old ground vehicle fueling facility is deteriorated and does not comply with environmental or DoD standards. The current storage tanks lack secondary containment or monitoring systems.

1. Component	FY 2016 MILITARY CONSTRUCTION PROJECT DATA	2. Date
DEFENSE (DLA)		FEBRUARY 2015

3. Installation and Location	4. Project Title
FORT BELVOIR, VIRGINIA	REPLACE GROUND VEHICLE FUELING FACILITY

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
0702976S	123	DESC1609	4,500

The existing overhead cover at the fuel dispensers is too low to allow many mission vehicles to use except for automobiles. Also there is no capability to provide E-85 alternative fuel for the assigned vehicles with the current fueling facility.

IMPACT IF NOT PROVIDED: If this project is not provided, the facility will continue to deteriorate to a point that will cause it to be closed impacting readiness of the units being served by the refueling facility. The fuel facilities will continue to pose a threat to the surrounding environment.

ADDITIONAL: New construction is the only feasible alternative. This project meets all applicable DoD criteria. Low Impact Development will be included in the project as appropriate. The Director, Defense Logistics Agency, certifies that this facility has been considered for joint-use potential. Mission requirements, operational considerations, and location are incompatible with use by other components.

12. Supplemental Data:

A. Estimated Design Data:	
1. Status	
(a) Date Design Started:	01/14
(b) Parametric Cost Estimate Used to Develop Costs (Yes/No):	No
(c) Percent Complete as of February 2015:	35%
(d) Date 35 Percent Complete:	06/14
(e) Date Design Complete:	09/15
(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:	10
(b) All Other Design Costs:	710
(c) Total:	720
(d) Contract:	0
(e) In-House:	720
4. Contract Award:	06/16
5. Construction Start:	08/16
6. Construction Complete:	12/17

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

PURPOSE	APPROPRIATION	FISCAL YEAR REQUIRED	AMOUNT ($000)
Automatic Tank Gauging	DWCF	2017	230

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

1. Component DEFENSE (DLA)	FY 2016 MILITARY CONSTRUCTION PROGRAM	2. Date FEBRUARY 2015
3. Installation And Location JOINT BASE LANGLEY-EUSTIS, VIRGINIA	4. Command DEFENSE LOGISTICS AGENCY	5. Area Construction Cost Index 0.92

6. PERSONNEL Tenant of U.S. Air Force	(1) PERMANENT			(2) STUDENTS			(3) GUARD/RESERVE			(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	
C. AUTHORIZED NOT YET IN INVENTORY	
D. AUTHORIZATION REQUESTED IN THIS PROGRAM	28,000
E. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM	
F. PLANNED IN NEXT THREE YEARS	
G. REMAINING DEFICIENCY	
H. GRAND TOTAL	28,000

8. PROJECTS REQUESTED IN THIS PROGRAM:

a. CATEGORY			b. COST	c. DESIGN STATUS	
(1) CODE	(2) PROJECT TITLE	(3) SCOPE	($000)	(1) START mm/yy	(2) COMPLETE mm/yy
151	REPLACE FUEL PIER AND DISTRIBUTION FACILITIES	2,525 SM	28,000	01/13	09/15

9. FUTURE PROJECTS

a. INCLUDED IN FOLLOWING PROGRAM

CATEGORY CODE	PROJECT NUMBER	PROJECT TITLE	COST ($000)
		None	

b. PLANNED IN NEXT THREE YEARS

CATEGORY CODE	PROJECT NUMBER	PROJECT TITLE	COST ($000)
		None	

10. MISSION OR MAJOR FUNCTION

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

Deferred sustainment, restoration, and modernization for fuel facilities at this location is $3.3 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 2016 MILITARY CONSTRUCTION	2. Date
DEFENSE (DLA)	PROJECT DATA	FEBRUARY 2015

3. Installation and Location	4. Project Title
JOINT BASE LANGLEY-EUSTIS, VIRGINIA	REPLACE FUEL PIER AND DISTRIBUTION FACILITIES

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
07029765	151	DESC1607	28,000

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost ($)	Cost ($000)
PRIMARY FACILITIES				14,903
FUEL PIER (CC 151155)	SY	3,020	4,183	(12,633)
GROUND VEHICLE FUELING FACILITY (CC 123335)	OL	3	586,667	(1,760)
SUSTAINABLE DESIGN	LS	-	-	(510)
SUPPORTING FACILITIES				10,300
DREDGING	LS	-	-	(5,100)
DEMOLITION	LS	-	-	(1,750)
UTILITIES	LS	-	-	(1,500)
SITE IMPROVEMENTS	LS	-	-	(1,425)
ANTI TERRORISM/FORCE PROTECTION	LS	-	-	(525)
SUBTOTAL				25,203
CONTINGENCY (5%)				1,260
ESTIMATED CONTRACT COST				26,463
SUPERVISION, INSPECTION & OVERHEAD (SIOH) (5.7%)				1,508
TOTAL				27,971
TOTAL (ROUNDED)				28,000
EQUIPMENT FROM OTHER APPROPRIATIONS (NON-ADD)				(350)

10. Description of Proposed Construction

Construct a concrete fuel pier, fender piles, and mooring dolphins. The combined length of the pier and dolphins is 265 meters (m) (868 linear feet). Include a 254-millimeter (10-inch) diameter carbon steel fuel pipeline. Include two fuel loading arms, custody transfer meter, isolation valves, spill containment and storm water management systems. Provide dredging, site work, fire alarm and suppression systems, cathodic protection, and utilities. Construct a ground vehicle fueling facility with fuel dispensers and canopy, three 45.4 kiloliter (12,000 gallon) aboveground storage tanks and a utility building. Include improvements and site work. Demolish the existing fuel pier, service station, and related facilities.

11. REQUIREMENT: 2,525 (SM)	ADEQUATE: 0 SM	SUBSTANDARD: 575 SM

PROJECT: Provide replacement fuel pier and ground vehicle fueling facility. (C)

REQUIREMENT: Replace an existing fuel pier to comply with current DoD standard design criteria to allow for reliable and environmentally compliant refueling. The fuel pier is the primary method of delivering fuel to support the Air Combat Command. Also this project will assist in meeting Energy Policy Act goals by providing alternative fuel sources for the assigned ground vehicles.

CURRENT SITUATION: The existing fuel pier is 50 years old, and a 7 foot wide wooden structure in poor condition with no fire protection. Structural evaluations indicate the current pier has the potential to fail during a Category 1 hurricane. Also the existing fuel pier is located within the runway clear zone. The existing failing ground vehicle fueling facility is deteriorated and does not comply with Air Force or DoD standards for spill containment, emergency shut off systems, or electrical power. Also there is no capability to provide E-85 alternative fuel for the assigned vehicles with the current fueling facility.

1. Component	FY 2016 MILITARY CONSTRUCTION PROJECT DATA	2. Date
DEFENSE (DLA)		FEBRUARY 2015

3. Installation and Location	4. Project Title
JOINT BASE LANGLEY-EUSTIS, VIRGINIA	REPLACE FUEL PIER AND DISTRIBUTION FACILITIES

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
07029765	151	DESC1607	28,000

IMPACT IF NOT PROVIDED: This fuel pier is the primary method of receipt of all fuel supplied to the installation. Any disruption of the fuel supply will impact the assigned and transient aircraft missions. Also the Installation will continue to operate non-compliant fuel facilities. The fuel facilities will continue to pose a threat to the surrounding environment.

ADDITIONAL: This project meets all applicable DoD criteria. Applicable portions of this project will be certified to the Silver level of the U.S. Green Building Council's Leadership in Energy Environmental Design – New Construction (LEED-NC) green building rating system. 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.

12. Supplemental Data:

A. Estimated Design Data:	
1. Status	
(a) Date Design Started:	01/13
(b) Parametric Cost Estimate Used to Develop Costs (Yes/No):	Yes
(c) Percent Complete as of February 2015:	35
(d) Date 35 Percent Complete:	07/13
(e) Date Design Complete:	12/15
(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:	3,000
(b) All Other Design Costs:	1,000
(c) Total:	4,000
(d) Contract:	2,500
(e) In-House:	1,500
4. Contract Award:	01/16
5. Construction Start:	02/16
6. Construction Complete:	09/18

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

PURPOSE	APPROPRIATION	FISCAL YEAR REQUIRED	AMOUNT ($000)
Automated Fuel Handling Equipment	DWCF	2015	300
Environmental Remediation	DWCF	2016	50

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

1. Component DEFENSE (DLA)	FY 2016 MILITARY CONSTRUCTION PROGRAM	2. Date FEBRUARY 2015
3. Installation And Location CAMP LEMONNIER DJIBOUTI, AFRICA	4. Command DEFENSE LOGISTICS AGENCY	5. Area Construction Cost Index 2.05

6. PERSONNEL Tenant of U.S. Navy	(1) PERMANENT			(2) STUDENTS			(3) GUARD/RESERVE			(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	
C. AUTHORIZED NOT YET IN INVENTORY	
D. AUTHORIZATION REQUESTED IN THIS PROGRAM	43,700
E. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM	
F. PLANNED IN NEXT THREE YEARS	0
G. REMAINING DEFICIENCY	
H. GRAND TOTAL	43,700

8. PROJECTS REQUESTED IN THIS PROGRAM:

a. CATEGORY			b. COST	c. DESIGN STATUS	
(1) CODE	(2) PROJECT TITLE	(3) SCOPE	($000)	(1) START mm/yy	(2) COMPLETE mm/yy
411	DESC1701	CONSTRUCT FUEL STORAGE AND DISTRIBUTION FACILITIES	43,700	11/13	10/15

9. FUTURE PROJECTS

a. INCLUDED IN FOLLOWING PROGRAM

CATEGORY CODE	PROJECT NUMBER	PROJECT TITLE	COST ($000)
		None	

b. PLANNED IN NEXT THREE YEARS

CATEGORY CODE	PROJECT NUMBER	PROJECT TITLE	COST ($000)
		None	

10. MISSION OR MAJOR FUNCTION

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

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

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

1. Component	FY 2016 MILITARY CONSTRUCTION PROJECT DATA	2. Date
DEFENSE (DLA)		FEBRUARY 2015

3. Installation and Location	4. Project Title
CAMP LEMONNIER DJIBOUTI, AFRICA	CONSTRUCT FUEL STORAGE AND DISTRIBUTION FACILITIES

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
0701111S	411	DESC1701	43,700

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost ($)	Cost ($000)
PRIMARY FACILITIES				33,197
FUEL STORAGE TANKS (CC 41150)	BL	30,000	730	(21,900)
PUMPHOUSE AND FILTER BUILDING (CC 12516)	GM	1,200	4,666	(5,599)
DISPATCH AND LAB FACILITY (CC14140)	SF	3,426	642	(2,199)
TRUCK PARKING (CC 85122)	SY	5,950	336	(1,999)
TRUCK LOAD STATIONS (CC 12120)	OL	2	750,000	(1,500)
SUPPORTING FACILITIES				5,980
SITE UTILITIES	LS	-		(3,090)
SITE PREPARATION AND IMPROVEMENTS	LS	-	-	(2,490)
EMERGENCY GENERATOR AND ENCLOSURE	LS	-	-	(400)
			-	
SUBTOTAL				39,177
CONTINGENCY (5%)				1,959
ESTIMATED CONTRACT COST				41,136
SUPERVISION, INSPECTION & OVERHEAD (SIOH) (6.2%)				2,550
				43,686
TOTAL REQUEST				43,700
TOTAL REQUEST (ROUNDED)				
EQUIPMENT FUNDED FROM OTHER APPROPRIATIONS (NON-ADD)				(200)

10. Description of Proposed Construction

Provide a new jet-fuel storage complex consisting of two 2,385-kiloliter (kL) (15,000-barrel) cut-and-cover fuel storage tanks, 190 liter-per-second (1,200 gallon-per minute) pumphouse and filter building with emergency generator, fuel truck loading stations, and fuel piping transfer and distribution systems. Provide a fuel dispatch and lab building. Work includes product recovery system, cathodic protection, fire protection, controls and alarms, automatic tank gauging, utility connections, emergency generator, security fencing and lighting, parking, and site improvements. Provide operations and maintenance support information.

11. REQUIREMENT: 30,000 BL	ADEQUATE: 0 BL	SUBSTANDARD: 10,712 BL

PROJECT: Construct fuel storage tanks and distribution system. (C)

REQUIREMENT: There is a need to construct two fuel storage tanks, pumphouse and filter separator, truck loading facilities, and associated distribution system. A fuel storage capacity of 4,769 kL (30,000 barrels), greater than currently exists, must be provided for Camp Lemonnier to provide a reliable source of aviation fuel for logistical, transient, and power projection missions.

CURRENT SITUATION: The current fuel storage capacity is insufficient to meet the fuel storage volume required by the station. Camp Lemonnier is the only US Military Installation in Africa, and is the Base from which U.S. and Coalition forces operate in the Horn of Africa. With their current storage and fueling capacity, Camp Lemonnier has limited capacity for wide bodied aircraft traveling through the Camp.

1. Component	FY 2016 MILITARY CONSTRUCTION PROJECT DATA	2. Date
DEFENSE (DLA)		FEBRUARY 2015

3. Installation and Location	4. Project Title
CAMP LEMONNIER DJIBOUTI, AFRICA	CONSTRUCT FUEL STORAGE AND DISTRIBUTION FACILITIES

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
0701111S	411	DESC1701	43,700

This project will replace temporary fuel bladders with limited capacity and over 6 years old and quickly deteriorating in a harsh environment.

IMPACT IF NOT PROVIDED: If this project is not provided, the lack of adequate jet fuel storage will jeopardize Camp Lemonnier's ability to conduct sustained flight operations in support of current contingencies, operation plans, and essential war-fighting training. If this project is not constructed, the Camp would continue to receive small amounts of fuel on a more frequent basis with less notice to the supplier than if the additional storage was provided. There is a cost savings associated with being able to schedule the fuel shipments farther in advance.

ADDITIONAL: Construction of new fuel tanks on the installation is the only feasible alternative. This project meets all applicable DoD criteria. The Director, Defense Logistics Agency, certifies that this facility has been considered for joint-use potential. Mission requirements, operational considerations, and location are incompatible with use by other components.

12. Supplemental Data:

A. Estimated Design Data:	
1. Status	
(a) Date Design Started:	11/13
(b) Parametric Cost Estimate Used to Develop Costs (Yes/No):	No
(c) Percent Complete as of February 2015:	35
(d) Date 35 Percent Complete:	06/14
(e) Date Design Complete:	08/15
(f) Type of Design Contract:	D/B/B
2. Basis	
(a) Standard or Definitive Design:	Yes
(b) Date Design was Most Recently Used:	07/12
3. Total Cost (c) = (a) + (b) or (d) + (e) ($000)	
(a) Production of Plans and Specifications:	2,160
(b) All Other Design Costs:	1,440
(c) Total:	3,600
(d) Contract:	3,200
(e) In-House:	400
4. Contract Award:	01/16
5. Construction Start:	03/16
6. Construction Complete:	03/18

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

PURPOSE	APPROPRIATION	FISCAL YEAR REQUIRED	AMOUNT ($000)
Automatic Tank Gauging	DWCF	2016	150
Automated Fuel Handling Equipment	DWCF	2016	50

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

1. Component DEFENSE (DLA)	FY 2016 MILITARY CONSTRUCTION PROGRAM	2. Date FEBRUARY 2015
3. Installation And Location SPANGDAHLEM AIR BASE, GERMANY	4. Command DEFENSE LOGISTICS AGENCY	5. Area Construction Cost Index 1.28

6. PERSONNEL Tenant of U.S. Air Force	(1) PERMANENT			(2) STUDENTS			(3) GUARD/RESERVE			(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	
C. AUTHORIZED NOT YET IN INVENTORY	
D. AUTHORIZATION REQUESTED IN THIS PROGRAM	5,500
E. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM	
F. PLANNED IN NEXT THREE YEARS	
G. REMAINING DEFICIENCY	
H. GRAND TOTAL	5,500

8. PROJECTS REQUESTED IN THIS PROGRAM:

a. CATEGORY			b. COST	c. DESIGN STATUS	
(1) CODE	(2) PROJECT TITLE	(3) SCOPE	($000)	(1) START mm/yy	(2) COMPLETE mm/yy
125	CONSTRUCT FUEL PIPELINE	8,859 LF	5,500	12/13	03/15

9. FUTURE PROJECTS

a. INCLUDED IN FOLLOWING PROGRAM

CATEGORY CODE	PROJECT NUMBER	PROJECT TITLE	COST ($000)
		None	

b. PLANNED IN NEXT THREE YEARS€

CATEGORY CODE	PROJECT NUMBER	PROJECT TITLE	COST ($000)
		None	

10. MISSION OR MAJOR FUNCTION

These fuel facilities provide essential storage and distribution systems to support the missions of assigned units and transient aircraft at Spangdahlem Air Base, Germany.

Deferred sustainment, restoration, and modernization for fuel facilities at this location are $0.8 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 2016 MILITARY CONSTRUCTION	2. Date
DEFENSE (DLA)	PROJECT DATA	FEBRUARY 2015

3. Installation and Location	4. Project Title
SPANGDAHLEM AIR BASE, GERMANY	CONSTRUCT FUEL PIPELINE

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
0701111S	125	DESC1603	5,500

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost ($)	Cost ($000)
PRIMARY FACILITIES.....				3,242
TRANSFER PIPELINE (CC 125554).....	LF	8,859	366	(3,242)
SUPPORTING FACILITIES.....				1,675
PAVEMENT AND UTILITIES.....	LS	-	-	(1,300)
SITE PREPARATION AND IMPROVEMENTS.....	LS	-	-	(375)
SUBTOTAL.....	-	-	-	4,917
CONTINGENCY (5%).....	-	-	-	246
ESTIMATED CONTRACT COST.....	-	-	-	5,163
SUPERVISION, INSPECTION & OVERHEAD (SIOH)(6.2%)	-	-	-	320
TOTAL.....	-	-	-	5,483
TOTAL (ROUNDED).....	-	-	-	5,500
EQUIPMENT FROM OTHER APPROPRIATIONS (NON-ADD)..				(50)
Currency Exchange Rate: € 0.7457/$				

10. Description of Proposed Construction

Construct 2,700 meters (8,859 Linear Feet(LF)) of a new 200 mm (8-inch) double walled underground fuel transfer piping. Work also includes piping modifications at tie-in locations. Work includes utilities, paving, cathodic protection, leak detection, site preparation. Provide operations, maintenance, and support information. Project includes remediation of fuel contaminated soil funded by other appropriation.

11. REQUIREMENT: 8,859 LF	ADEQUATE: 0 LF	SUBSTANDARD: 0 LF

PROJECT: Provide a fuel transfer pipeline. (C)

REQUIREMENT: There is a need to construction of a new fuel pipeline to transfer fuel from the existing bulk tanks to an existing hydrant fuel system. DoD and Air Force fuel facility planning guidelines require at least two reliable means of fuel supply to all mission-critical fuel systems. This new pipeline will provide an alternative resupply capability for this critical hydrant fuel system in order to support airlift operations at Spangdahlem Air Base.

CURRENT SITUATION: All fuel systems at Spangdahlem AB are connected by fuel transfer lines which originate at the bulk storage terminal. Currently, one fuel pipeline is capable of transferring fuel from the bulk storage to the existing hydrant fuel system. No local truck receipt capabilities exist for this location. Additionally the existing piping configuration does not provide a loop configuration and subjects the system to hydraulic surges.

IMPACT IF NOT PROVIDED: If this project is not accomplished, the mission-critical, heavily-used facility hydrant fuel system will continue to be unreliable. Fuel receipt, operational, and mission disruptions due to the failure of the existing single transfer pump and transfer pipeline are expected. This will reduce aircraft sortie generation and potentially jeopardize Spangdahlem's support to the mission.

1. Component	FY 2016 MILITARY CONSTRUCTION PROJECT DATA		2. Date
DEFENSE (DLA)			FEBRUARY 2015
3. Installation and Location		4. Project Title	
SPANGDAHLEM AIR BASE, GERMANY		CONSTRUCT FUEL PIPELINE	
5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
0701111S	125	DESC1603	5,500

ADDITIONAL: Construction of a new fuel transfer line is the only feasible solution to deliver fuel to wide-bodied aircraft. A precautionary NATO Security Investment Program pre-financing statement will be filed for this project. This project meets all applicable DoD criteria. 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.

12. Supplemental Data:

A. Estimated Design Data:	
1. Status	
(a) Date Design Started:	12/13
(b) Parametric Cost Estimate Used to Develop Costs (Yes/No):	No
(c) Percent Complete as of February 2015:	35
(d) Date 35 Percent Complete:	07/14
(e) Date Design Complete:	03/15
(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:	260
(b) All Other Design Costs:	200
(c) Total:	460
(d) Contract:	360
(e) In-House:	100
4. Contract Award:	01/16
5. Construction Start:	04/16
6. Construction Complete:	08/17

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

PURPOSE	APPROPRIATION	FISCAL YEAR REQUIRED	AMOUNT ($000)
Environmental Remediation	DWCF	2016	50

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

DoD Education Activity
FY 2016 Military Construction, Defense-Wide
($ in Thousands)

State/Installation/Project	Authorization Request	Approp. Request	New/ Current Mission	Page No.
Alabama				
Maxwell Air Force Base				
Maxwell Elementary/Middle School Replacement/Renovation	32,968	32,968	C	77
Fort Rucker				
Fort Rucker Elementary/Primary Schools Consolidation/Replacement	46,787	46,787	C	82
Kentucky				
Fort Knox				
Knox High School Renovation and (MS) Addition	23,279	23,279	C	87
New York				
West Point				
West Point Elementary School Replacement	55,778	55,778	C	92
North Carolina				
Fort Bragg				
Butner Elementary School Replacement	32,944	32,944	C	97
South Carolina				
Fort Jackson				
Pierce Terrace Elementary School Replacement	26,157	26,157	C	102
Germany				
Garmisch				
Garmisch Elementary/Middle School Addition/Modernization	14,676	14,676	C	107
Grafenwoehr				
Grafenwoehr Elementary School Replaceement	38,138	38,138	C	112
Stuttgart - Patch Barracks				
Patch Elementary School Replacement	49,413	49,413	C	117
Spain				
Naval Station Rota				
Rota Elementary and High Schools Additions	13,737	13,737	C	122
Total	**333,877**	**333,877**		

1. COMPONENT	FY 2016 MILITARY CONSTRUCTION PROGRAM	2. Date
DoDEA		February 2015

3. Installation and Location	4. COMMAND	5. AREA CONSTRUC-TION COST INDEX
Maxwell Air Force Base, Alabama	DoDEA	0.85

6. PERSONNEL STRENGTH	PERMANENT			STUDENTS			SUPPORTED			TOTAL
	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	
a. AS OF 31 OCT 2014						332				332
b. END FY 2018						398				398

7. INVENTORY DATA ($000)

TOTAL ACREAGE	0
INVENTORY TOTAL AS OF	0
AUTHORIZATION NOT YET IN INVENTORY	0
AUTHORIZATION REQUESTED IN THIS PROGRAM	32,968
AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM	0
PLANNED IN NEXT THREE PROGRAM YEARS	0
REMAINING DEFICIENCY	0
GRAND TOTAL	32,968

8. PROJECTS REQUESTED IN THIS PROGRAM

CATEGORY CODE	PROJECT TITLE	SCOPE	COST ($000)	DESIGN START	STATUS COMPLETE
730787	Replace / Renovate, Maxwell Elementary / Middle School	105,467 SF	32,968	Apr 2014	May 2019

9. FUTURE PROJECTS

a. INCLUDED IN FOLLOWING PROGRAM
None

b. PLANNED IN NEXT THREE YEARS
None

10. MISSION OR MAJOR FUNCTIONS
Military Dependent Education

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:
None

1. COMPONENT DoDEA	FY 2016 MILITARY CONSTRUCTION PROJECT DATA	2. Date February 2015

3. INSTALLATION AND LOCATION	4. PROJECT TITLE:
MAXWELL AIR FORCE BASE, ALABAMA	Maxwell Elementary / Middle School Replacement/Renovation

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
	730787	AM00110	32,968

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
PRIMARY FACILITIES				**23,960**
MAXWELL ELEMENTARY/MIDDLE SCHOOL (730787)	SF	69,952	249.91	17,482
RENOVATION (730787)	SF	35,515	159.54	5,666
SDD AND FEDERAL ENERGY ACTS COMPLIANCE	LS			249
ANTITERRORISM (AT/FP) MEASURES	LS			563
SUPPORTING FACILITIES				**5,467**
SPECIAL CONSTRUCTION FEATURES (Tornado Shelter)	LS			104
CANOPIES	LS			180
ELECTRICAL/GAS UTILITIES	LS			479
COMMUNICATION UTILITIES	LS			140
WATER/SEWER/UTILITIES (Includes storm drainage)	LS			495
SITE PREPARATION	LS			289
ROADS, SIDEWALKS AND PARKING	LS			972
SITE IMPROVEMENTS	LS			899
AT/FP	LS			126
DEMOLITION	SF	75,299	22.26	1,676
LOW IMPACT DEVELOPMENT(Federal Requirement)	LS			107
ESTIMATED CONTRACT COST				**29,427**
CONTINGENCY PERCENT (5%)				1,471
SUBTOTAL				**30,898**
SUPERVISION, INSPECTION & OVERHEAD (5.7%)				1,761
ENGINEERING DURING CONSTRUCTION (1%)				309
TOTAL REQUEST				**32,968**
EQUIPMENT FROM OTHER APPROPRIATIONS (NON ADD)				2,945

10. DESCRIPTION OF PROPOSED CONSTRUCTION:

Construct a multi-story Elementary/Middle school composed of drilled pier, shallow spread footer or other appropriate foundation system, steel frame with reinforced Concrete Masonry Unit (CMU) and metal stud, and veneer brick masonry cavity wall system or other metal panel exterior wall finish with curtain wall and punched widow assembly. Interior construction will consist of CMU and or metal stud & Gypsum Wall Board (GWB) with operable/movable wall partitions. Interior spaces include neighborhoods, studios, learning hubs, staff collaboration areas, performance space, a physical education area with gymnasium, administrative offices, health services area, and other required areas for a fully functioning Elementary/Middle school.

The renovations to Building 538B, the existing Maxwell Elementary/Middle School (35,515 sf), shall include the conversion of existing classrooms, labs, administrative and student services areas and portions of the information center to create a new music room, science lab, art lab, a career technical education lab, computer center, Occupational Therapy / Physical Therapy (OT/PT), guidance counseling area, staff collaboration area, special education office, technology service center, maintenance central receiving, storage areas and other required areas for a fully functioning Elementary/Middle School. The project includes site improvements such as signage, fencing, paving, landscaping, covered walkways, exterior lighting, utilities, and playground area. Cafeteria, food service and information center areas were sized for the future Elementary/Middle School population.

The project includes related infrastructure such as water, sewer, electrical, communications duct-bank, storm water

1. COMPONENT DoDEA	FY 2016 MILITARY CONSTRUCTION PROJECT DATA	2. Date February 2015

3. INSTALLATION AND LOCATION	4. PROJECT TITLE:
MAXWELL AIR FORCE BASE, ALABAMA	Maxwell Elementary / Middle School Replacement/Renovation

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
	730787	AM00110	32,968

system, staff and visitor parking areas, parent drop off lane, mechanical rooms, emergency access lanes, bus loading/ unloading areas, and delivery areas.

The project will require demolition of five buildings for a total of approximately 75,299 SF.

In accordance with State of Alabama House Bill 459 requirements, the new school facility will be provided with a State of Alabama Building Commission approved safe space complying with ICC/NSSA Standard for the Design and Construction of Storm Shelters (ICC 500 – 2008).

Sustainable principles will be maximized in the design, development and construction of the project in accordance with Executive Order 13123 and other applicable laws and executive orders. Energy conservation and environmentally safe measures will be incorporated in this project wherever feasible, practical or required by regulation. Energy and natural resource conservation measures will be maximized in the design to the extent possible. In accordance with Leadership in Energy and Environmental Design (LEED) for Schools, Silver certification is required.

Facilities will be designed in accordance with DoDEA Education Facilities Specifications, Americans with Disabilities Act (ADA) Accessibility Guidelines/Architectural Barriers Act (ABA), National Fire Protection Association (NFPA) Life Safety Code, Standards of Seismic Safety for Federally Owned Buildings, and energy and water conservation standards.

Air Conditioning Load: 400 Tons

11. REQUIREMENT: 105,467 SF ADQT: 0 SF SUBSTD: 110,814 SF

PROJECT:

This project constructs an Elementary/Middle School by expanding and renovating the existing schools and associated support facilities.

REQUIREMENT:

The new school is required to provide adequate academic facilities for 398 students in grades Pre-Kindergarten through Eight. School population based on 2018 school year.

CURRENT SITUATION:

The current Maxwell Elementary / Middle School is a 110,814 SF facility that was originally constructed in 1964. Following the original construction, additions included: a single story administrative and classroom expansion in 1987; separated kindergarten physical education building in 1987; classroom wing addition in 1991; maintenance facility addition in 1993; and a classroom, administration, media center and dining facility addition in 1998. The school has a poor facility condition rating; it is more economical to replace than to repair. The following systems are expired or are failing and in need of replacement; electrical branch circuits, casework, ceiling finishes, emergency and exit lights, interior and exterior doors, exterior windows, fire sprinklers, floor finishes, lighting, plumbing fixtures and piping, specialties, and HVAC systems. The facility does not meet the DoDEA's Education Facilities Specifications to include 21st Century Curriculum and educational objectives. The facility does not meet current AT/FP and ADA standards and does not meet current federal energy and sustainability mandates.

IMPACT IF NOT PROVIDED:

The continued use of deficient, inadequate, and undersized facilities that do not accommodate the current student population will continue to impair the overall education program for students. 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

1. COMPONENT DoDEA	FY 2016 MILITARY CONSTRUCTION PROJECT DATA	2. Date February 2015

3. INSTALLATION AND LOCATION	4. PROJECT TITLE:
MAXWELL AIR FORCE BASE, ALABAMA	Maxwell Elementary / Middle School Replacement/Renovation

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
	730787	AM00110	32,968

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 not replaced.

ADDITIONAL:

This project has been coordinated with the installation physical security plans and all AT/FP measures are included.

Economic Alternatives:
All known alternatives were considered during the development of this project. No other option could meet the mission requirements; therefore, no economic analysis was needed or performed.

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

12. Supplemental Data:

Site Approval: Yes [X] Obtained Date: July 2014

No [ ] Expected Date:

Issues: (state no issue or BRIEFLY explain the issue below)

a. DDESAB, AICUZ, Airfield, EMR, or wetlands: No Issue
b. Endangered species/sensitive habitat: No Issue
c. Air quality: No Issue
d. Cultural/archeological resources: No Issue
e. Clearing of trees: No Issue
f. Known contamination at selected site: No Issue
g. Operational problems: No Issue
h. Traffic patterns impact: No Issue
i. Existing utilities upgrade: No Issue
j. Ordnance sweep required prior to construction: No Issue

Planning:
Consistent with Installation Master Plan: Yes

Host Nation Approval: N/A

National Capital Region Approval: N/A

NEPA Documentation Complete: Y
Level of NEPA: Environmental Assessment

Mitigation Issues:

a. Wetlands replacement/enhancement – N
b. Hazardous Waste – N
c. Contaminated soil/water – N

1. COMPONENT DoDEA	**FY 2016 MILITARY CONSTRUCTION PROJECT DATA**	2. Date February 2015

3. INSTALLATION AND LOCATION	4. PROJECT TITLE:
MAXWELL AIR FORCE BASE, ALABAMA	Maxwell Elementary / Middle School Replacement/Renovation

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
	730787	AM00110	32,968

d. Other – N

A. Design Data (Estimated):

(1) Status:

(a) Design Start Date	APR 2014
(b) Parametric Cost Estimate Used to Develop Costs	YES
(c) Percent of Design Completed as of 1 Jan 2015	15%
(d) Expected 35% Design Date	MAR 2015
(e) 100% Design Completion Date	NOV 2015
(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	3,297
(d) Contract	1,978
(e) In-house	1,319
(4) Construction Contract Award Date	MAR 2016
(5) Construction Start Date	MAY 2016
(6) Construction Completion Date	MAY 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)
Furnishings	O&M	2018	692
Kitchen	O&M	2018	375
IT	O&M	2018	706
Education Supplies	O&M	2018	1,069
Safety Equipment	O&M	2018	55
Security Equipment	O&M	2018	48

1. COMPONENT	FY 2016 MILITARY CONSTRUCTION PROGRAM	2. Date
DoDEA		February 2015

3. Installation and Location	4. COMMAND	5. AREA CONSTRUC-TION COST INDEX
FORT RUCKER, ALABAMA	DoDEA	0.75

6. PERSONNEL STRENGTH	PERMANENT			STUDENTS			SUPPORTED			TOTAL
	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	
a. AS OF 31 OCT 2014						707				707
b. END FY 2018						800				800

7. INVENTORY DATA ($000)

TOTAL ACREAGE	0
INVENTORY TOTAL AS OF	0
AUTHORIZATION NOT YET IN INVENTORY	0
AUTHORIZATION REQUESTED IN THIS PROGRAM	46,787
AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM	0
PLANNED IN NEXT THREE PROGRAM YEARS	0
REMAINING DEFICIENCY	0
GRAND TOTAL	46,787

8. PROJECTS REQUESTED IN THIS PROGRAM

CATEGORY CODE	PROJECT TITLE	SCOPE	COST ($000)	DESIGN START	STATUS COMPLETE
73046	Consolidate/Replace Fort Rucker Elementary and Primary School	133,542 SF	46,787	FEB 2012	MAY 2018

9. FUTURE PROJECTS

a. INCLUDED IN FOLLOWING PROGRAM
None

b. PLANNED IN NEXT THREE YEARS
None

10. MISSION OR MAJOR FUNCTIONS
Military Dependent Education

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:
None

1. COMPONENT DoDEA	**FY 2016 MILITARY CONSTRUCTION PROJECT DATA**	2. Date February 2015

3. INSTALLATION AND LOCATION	4. PROJECT TITLE:
FORT RUCKER, ALABAMA	Fort Rucker Elementary and Primary Schools Consolidation/Replacement

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
	73046	AM00048	46,787

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
PRIMARY FACILITIES				**32,389**
FORT RUCKER ELEMENTARY SCHOOL (73046)	SF	133,542	190.30	25,413
SDD AND FEDERAL ENERGY ACTS COMPLIANCE	LS			978
SPECIAL COSTS (TEMP FACILITIES)	LS			5,998
SUPPORTING FACILITIES				**9,372**
SPECIAL CONSTRUCTION FEATURES (Tornado Shelter)				177
CANOPIES	LS			223
ELECTRICAL/GAS UTILITIES	LS			2,080
COMMUNICATION UTILITIES	LS			796
WATER/SEWER/UTILITIES (Includes storm drainage)	LS			675
MECHANICAL UTILITIES	LS			105
SITE PREPARATION	LS			839
ROADS, SIDEWALKS AND PARKING	LS			645
SITE IMPROVEMENTS	LS			1,100
DEMOLITION	SF	176,945	13.89	2,458
LOW IMPACT DEVELOPMENT	LS			274
ESTIMATED CONTRACT COST				**41,761**
CONTINGENCY PERCENT (5%)				2,088
SUBTOTAL				**43,849**
SUPERVISION, INSPECTION & OVERHEAD (5.7)				2,499
ENGINEERING DURING CONSTRUCTION (1%)				439
TOTAL REQUEST				**46,787**
EQUIPMENT FROM OTHER APPROPRIATIONS (NON ADD)				2,920

10. DESCRIPTION OF PROPOSED CONSTRUCTION:

Construct a multi-story elementary school composed of shallow type foundations, steel column and beam interior structural framing and load bearing exterior walls and reinforced concrete masonry with brick veneer and reinforced concrete tilt wall with thin brick inlay construction. Interior construction will consist of masonry, metal stud, and movable/operable partition walls. Interior spaces include neighborhoods, studios, learning hubs, staff collaboration areas, a career technical education lab, computing center, science labs, art room, music suites, occupational therapy/physical therapy, 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 elementary school. The project includes site improvements such as signage, fencing, paving, landscaping, covered walkways, exterior lighting, utilities, and playground area. Cafeteria, food service and information center areas were sized for the future elementary school population.

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

The project will require demolition of 4 buildings for a total of approximately 176,945 SF.

Temporary classroom facilities are required to support construction phasing.

1. COMPONENT DoDEA	**FY 2016 MILITARY CONSTRUCTION PROJECT DATA**	2. Date February 2015

3. INSTALLATION AND LOCATION	4. PROJECT TITLE:
FORT RUCKER, ALABAMA	Fort Rucker Elementary and Primary Schools Consolidation/Replacement

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
	73046	AM00048	46,787

In accordance with State of Alabama House Bill 459 requirements, the new school facility will be provided with a State of Alabama Building Commission approved safe space complying with ICC/NSSA Standard for the Design and Construction of Storm Shelters (ICC 500 – 2008).

Sustainable principles will be maximized in the design, development and construction of the project in accordance with Executive Order 13123 and other applicable laws and executive orders. Energy conservation and environmentally safe measures will be incorporated in this project wherever feasible, practical or required by regulation. Energy and natural resource conservation measures will be maximized in the design to the extent possible. In accordance with Leadership in Energy and Environmental Design (LEED) for Schools, Silver certification is required.

Facilities will be designed in accordance with DoDEA Education Facilities Specifications, Americans with Disabilities Act (ADA) Accessibility Guidelines/Architectural Barriers Act (ABA), National Fire Protection Association (NFPA) Life Safety Code, Standards of Seismic Safety for Federally Owned Buildings, and energy and water conservation standards.

Air Conditioning Load: 390 Tons

11. REQUIREMENT: 133,542 SF ADQT: 0 SF SUBSTD: 176,945 SF

PROJECT:

This project constructs a new elementary school and replaces and consolidates the existing elementary and primary school facilities.

REQUIREMENT:

The new school is required to provide adequate academic facilities for 800 students in grades Pre-Kindergarten through 6th grade. School population is based on 2018 school year.

CURRENT SITUATION:

The current Fort Rucker Elementary School is a 108,019 SF facility that was originally constructed in 1963. The current Fort Rucker Primary School is a 68,926 SF facility that was originally constructed in 1972. Both schools have a poor facility condition rating; it is more economical to replace than to repair. The following systems are expired or are failing and in need of replacement; mechanical, electrical and plumbing systems. The facility does not meet the DoDEA's Education Facilities Specifications to include existing adjacencies; classroom size and current layout of the facilities reduce efficiencies. The facility does not meet current AT/FP, ADA, NFPA codes and does not meet current federal energy and sustainability mandates.

IMPACT IF NOT PROVIDED:

The continued use of deficient, inadequate, and undersized facilities that do not accommodate the current student population and will continue to impair the overall education program for students. 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 not replaced.

ADDITIONAL:

This project has been coordinated with the installation physical security plans and all AT/FP measures are included.

Economic Alternatives:

1. COMPONENT DoDEA	**FY 2016 MILITARY CONSTRUCTION PROJECT DATA**	2. Date February 2015

3. INSTALLATION AND LOCATION	4. PROJECT TITLE:
FORT RUCKER, ALABAMA	Fort Rucker Elementary and Primary Schools Consolidation/Replacement

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
	73046	AM00048	46,787

All known alternatives were considered during the development of this project. No other option could meet the mission requirements; therefore, no economic analysis was needed or performed.

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

12. Supplemental Data:

Site Approval: Yes [X] Obtained Date: May 2013

No [ ] Expected Date:

Issues:

a. DDESAB, AICUZ, Airfield, EMR, or wetlands: No Issue
b. Endangered species/sensitive habitat: No Issue
c. Air quality: No Issue
d. Cultural/archeological resources: No Issue
e. Clearing of trees: No Issue
f. Known contamination at selected site: No Issue
g. Operational problems: No Issue
h. Traffic patterns impact: No Issue
i. Existing utilities upgrade: No Issue
j. Ordnance sweep required prior to construction: No Issue

Planning:
Consistent with Installation Master Plan: Yes

Host Nation Approval: N/A

National Capital Region Approval: N/A

NEPA Documentation Complete: Y
Level of NEPA: Environmental Assessment

Mitigation Issues:

a. Wetlands replacement/enhancement – N
b. Hazardous Waste – N
c. Contaminated soil/water – N
d. Other – N

A. Design Data (Estimated):
(1) Status:
(a) Design Start Date FEB 2012
(b) Parametric Cost Estimate Used to Develop Costs YES

1. COMPONENT DoDEA	FY 2016 MILITARY CONSTRUCTION PROJECT DATA	2. Date February 2015

3. INSTALLATION AND LOCATION	4. PROJECT TITLE:
FORT RUCKER, ALABAMA	Fort Rucker Elementary and Primary Schools Consolidation/Replacement

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
	73046	AM00048	46,787

(c) Percent of Design Completed as of 1 Jan 2015	15%
(d) Expected 35% Design Date	FEB 2015
(e) 100% Design Completion Date	NOV 2015
(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	4,679
(d) Contract	2,807
(e) In-house	1,872
(4) Construction Contract Award Date	MAR 2016
(5) Construction Start Date	MAY 2016
(6) Construction Completion Date	MAY 2018

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	2018	684
Kitchen	O&M	2018	373
IT	O&M	2018	701
Education Supplies	O&M	2018	1,060
Safety Equipment	O&M	2018	54
Security Equipment	O&M	2018	48

1. COMPONENT	FY 2016 MILITARY CONSTRUCTION PROGRAM	2. Date
DoDEA		February 2015

3. Installation and Location	4. COMMAND	5. AREA CONSTRUC-TION COST INDEX
FORT KNOX, KENTUCKY	DoDEA	1.02

6. PERSONNEL STRENGTH	PERMANENT			STUDENTS			SUPPORTED			TOTAL
	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	
a. AS OF 31 OCT 2014						1501				1501
b. END FY 2018						1330				1330

7. INVENTORY DATA ($000)

TOTAL ACREAGE	0
INVENTORY TOTAL AS OF	0
AUTHORIZATION NOT YET IN INVENTORY	0
AUTHORIZATION REQUESTED IN THIS PROGRAM	23,279
AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM	0
PLANNED IN NEXT THREE PROGRAM YEARS	0
REMAINING DEFICIENCY	0
GRAND TOTAL	23,279

8. PROJECTS REQUESTED IN THIS PROGRAM

CATEGORY CODE	PROJECT TITLE	SCOPE	COST ($000)	DESIGN START	STATUS COMPLETE
73046	Fort Knox HS Renovation and (MS) Addition	55,383 SF	23,279	MAY 2014	MAY 2018

9. FUTURE PROJECTS

a. INCLUDED IN FOLLOWING PROGRAM
None

b. PLANNED IN NEXT THREE YEARS
None

10. MISSION OR MAJOR FUNCTIONS
Military Dependent Education

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:
None

1. COMPONENT DoDEA	FY 2016 MILITARY CONSTRUCTION PROJECT DATA	2. Date February 2015

3. INSTALLATION AND LOCATION	4. PROJECT TITLE:
FORT KNOX, KENTUCKY	Fort Knox High School Renovation and Middle School Addition

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
	73046	AM00123	23,279

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
PRIMARY FACILITIES				**17,618**
FORT KNOX HS (MS) ADDITION (73046)	SF	55,383	288.16	15,959
RENOVATION (Bldg. 7501) Existing HS/Gym (73046)	SF	93,813	5.00	469
RENOVATION (Bldg. 7503) Pierce Gym (73046)	SF	6,895	140.09	966
RENOVATION (Bldg. 7495) Data Center (73046)	SF	636	286.84	182
SDD AND FEDERAL ENERGY ACTS COMPLIANCE	LS			42
SUPPORTING FACILITIES				**3,160**
CANOPIES	LS			65
ELECTRICAL/GAS UTILITIES	LS			358
COMMUNICATION UTILITIES	LS			114
WATER/SEWER/UTILITIES	LS			110
MECHANICAL UTILITIES	LS			248
SITE PREPARATION	LS			129
ROADS, SIDEWALKS AND PARKING	LS			105
SITE IMPROVEMENTS	LS			110
AT/FP	LS			24
DEMOLITION	SF	104,547		1,509
LOW IMPACT DEVELOPMENT	LS		14.44	388
ESTIMATED CONTRACT COST				**20,778**
CONTINGENCY (5%)				1,039
SUBTOTAL				**21,817**
SUPERVISION, INSPECTION & OVERHEAD (5.7%)				1,244
ENGINEERING DURING CONSTRUCTION (1%)				218
TOTAL REQUEST				**23,279**
EQUIPMENT FROM OTHER APPROPRIATIONS NON ADD				2,493

10. DESCRIPTION OF PROPOSED CONSTRUCTION:

Construct a single story middle school addition to the existing Fort Knox HS composed of shallow foundation with concrete masonry unit (CMU), and/or steel frame, and/or insulating concrete forms (ICF), with brick and/or other veneer or similar quality construction. Interior construction will consist of light gauge metal studs/gypsum wallboard with operable/movable partition walls at learning studios and other areas. New interior spaces include neighborhoods, learning studios, learning hubs, staff collaboration areas, art room, music suites, occupational therapy /physical therapy (OT/PT), junior reserve officers training corps (JROTC) suite, a commons area, administrative & guidance offices, a special education office, learning impaired moderate severe (LIMS) suite, central storage area, and other required areas for a fully functioning Middle/High school. Building 7503, the existing Pierce gym (6,895 SF) shall be converted to a new performance area for the combined school. Building 7495, the existing chiller building (636 SF) shall be converted to a new Data Center. The renovations to Building 7501, the existing Fort Knox HS & Gym (93,813 SF) shall include the conversion of existing classrooms to create 21st Century style neighborhood type learning hub space, staff collaboration, career technical education (CTE), academic support, learning impaired mild/ moderate (LIMM), and video broadcast studio spaces. The science labs, information center, physical education area with gymnasium, food service, administrative offices, guidance counseling center, health services area, and other required learning areas for a fully functioning middle/high school will utilize existing spaces in Building 7501. The project includes site improvements such as such as signage, fencing, paving, landscaping, exterior lighting, and utilities.

The project includes related infrastructure such as water, sewer, electrical, mechanical rooms, emergency access lanes,

1. COMPONENT DoDEA	FY 2016 MILITARY CONSTRUCTION PROJECT DATA	2. Date February 2015

3. INSTALLATION AND LOCATION	4. PROJECT TITLE:
FORT KNOX, KENTUCKY	Fort Knox High School Renovation and Middle School Addition

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
	73046	AM00123	23,279

and delivery areas as required to supplement the existing infrastructure.

The project will require demolition of 2 buildings for a total of approximately 104,547 SF.

Sustainable principles will be maximized in the design, development and construction of the project in accordance with Executive Order 13123 and other applicable laws and executive orders. Energy conservation and environmentally safe measures will be incorporated in this project wherever feasible, practical or required by regulation. Energy and natural resource conservation measures will be maximized in the design to the extent possible. In accordance with Leadership in Energy and Environmental Design (LEED) for Schools, Silver certification is required.

Facilities will be designed in accordance with DoDEA Education Facilities Specifications, Americans with Disabilities Act (ADA) Accessibility Guidelines/Architectural Barriers Act (ABA), National Fire Protection Association (NFPA) Life Safety Code, Standards of Seismic Safety for Federally Owned Buildings, and energy and water conservation standards.

Air Conditioning Load: 160 Tons

11. REQUIREMENT: 163,452 SF ADQT: 6,725 SF SUBSTD: 104,547 SF

PROJECT:
Replace the existing Scott Middle School facility and existing HS Vo-Tech building by constructing a new addition and renovations to the existing high school.

REQUIREMENT:

The new school is required to provide adequate academic facilities for 622 students in grades 6^{th} – 12^{th}. School population is based on projected enrollment for the fall 2018 school year.

CURRENT SITUATION:

Scott MS, Building 7474, is a 67,556 square foot, one-story building originally constructed in 1957 with an extensive renovation/ addition in 1994. The school has a failing facility condition rating; it is more economical to replace than to repair. The following systems in Building 7474 are expired or are failing and in need of replacement; branch circuits, casework, ceiling finishes, exterior finishes, fire alarm systems, HVAC cooling equipment, intercom/PA System, lighting, roof coverings and wall finishes. Building 7467 the existing Vocational Technology facility is in poor condition and is required to be demolished to accommodate the new addition. The following systems in Building 7467 are expired or are failing and in need of replacement; branch circuits, ceiling finishes, emergency lights, exit lights, exterior doors, exterior finishes, exterior windows, fire alarm systems, fire sprinklers, floor finishes, interior doors, lighting, roof coverings and wall finishes. Both facilities do not meet the DoDEA Education Facilities Specifications. The condition of the buildings' Heating, Ventilation, Air Conditioning and electrical systems are inadequate to meet the federally mandated energy performance requirements and are unable to meet current Anti-Terrorism / Force Protection Requirements.

IMPACT IF NOT PROVIDED:

The continued use of deficient, inadequate, and undersized facilities that do not accommodate the current student population will continue to impair the overall education program for students. 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 not replaced.

1. COMPONENT DoDEA	**FY 2016 MILITARY CONSTRUCTION PROJECT DATA**	2. Date February 2015

3. INSTALLATION AND LOCATION	4. PROJECT TITLE:
FORT KNOX, KENTUCKY	Fort Knox High School Renovation and Middle School Addition

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
	73046	AM00123	23,279

ADDITIONAL:

This project has been coordinated with the installation physical security plans and all AT/FP measures are included.

Economic Alternatives:

All known alternatives were considered during the development of this project. No other option could meet the mission requirements; therefore, no economic analysis was needed or performed.

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

12. Supplemental Data:

Site Approval: Yes [X] Obtained Date: October 2014

No [ ] Expected Date:

Issues:

a. DDESAB, AICUZ, Airfield, EMR, or wetlands – No issue
b. Endangered species/sensitive habitat – Possible impact to Indiana brown bat habitat with removal of trees on site. Removal will need to be coordinated with Fort Knox Environmental.
c. Air quality – No issue
d. Cultural/archeological resources – No issue
e. Clearing of trees – No issue
f. Known contamination at selected site – No issue
g. Operational problems – No issue
h. Traffic patterns impact – No issue
i. Existing utilities upgrade – No issue
j. Ordnance sweep required prior to construction: No issue

Planning:
Consistent with Installation Master Plan: Yes

Host Nation Approval: N/A

National Capital Region Approval: N/A

NEPA Documentation Complete: Y
Level of NEPA: Environmental Assessment

Mitigation Issues:

1. COMPONENT DoDEA	**FY 2016 MILITARY CONSTRUCTION PROJECT DATA**	2. Date February 2015

3. INSTALLATION AND LOCATION	4. PROJECT TITLE:
FORT KNOX, KENTUCKY	Fort Knox High School Renovation and Middle School Addition

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
	73046	AM00123	23,279

a. Wetlands replacement/enhancement – N
b. Hazardous Waste – N
c. Contaminated soil/water – N
d. Other – N

A. Design Data (Estimated):

(1) Status:	
(a) Design Start Date	MAY 2014
(b) Parametric Cost Estimate Used to Develop Costs	YES
(c) Percent of Design Completed as of 1 Jan 2015	15%
(d) Expected 35% Design Date	FEB 2015
(e) 100% Design Completion Date	NOV 2015
(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 (10% of the PA)	2,328
(d) Contract (60% of the 10% in line c)	1,397
(e) In-house (40% of the 10% in line c)	931
(4) Construction Contract Award Date	MAR 2016
(5) Construction Start Date	MAY 2016
(6) Construction Completion Date	MAY 2018

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	2018	551
Kitchen	O&M	2018	333
IT	O&M	2018	622
Education Supplies	O&M	2018	902
Safety Equipment	O&M	2018	43
Security Equipment	O&M	2018	42

1. COMPONENT	FY 2016 MILITARY CONSTRUCTION PROGRAM	2. Date
DoDEA		February 2015

3. Installation and Location	4. COMMAND	5. AREA CONSTRUC-TION COST INDEX
WEST POINT, NEW YORK	DoDEA	1.24

6. PERSONNEL STRENGTH	PERMANENT			STUDENTS			SUPPORTED			
	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	TOTAL
a. AS OF 31 OCT 2014						736				736
b. END FY 2018						764				764

7. INVENTORY DATA ($000)

TOTAL ACREAGE	0
INVENTORY TOTAL AS OF	0
AUTHORIZATION NOT YET IN INVENTORY	0
AUTHORIZATION REQUESTED IN THIS PROGRAM	55,778
AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM	0
PLANNED IN NEXT THREE PROGRAM YEARS	0
REMAINING DEFICIENCY	0
GRAND TOTAL	55,778

8. PROJECTS REQUESTED IN THIS PROGRAM

CATEGORY CODE	PROJECT TITLE	SCOPE	COST ($000)	DESIGN START	STATUS COMPLETE
73046	Replace West Point Elementary School	95,552 SF	55,778	Jul 2014	May 2019

9. FUTURE PROJECTS

a. INCLUDED IN FOLLOWING PROGRAM
None

b. PLANNED IN NEXT THREE YEARS
None

10. MISSION OR MAJOR FUNCTIONS
Military Dependent Education

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:
None

1. COMPONENT DoDEA	FY 2016 MILITARY CONSTRUCTION PROJECT DATA	2. Date February 2015

3. INSTALLATION AND LOCATION	4. PROJECT TITLE:
WEST POINT, NY	West Point Elementary School Replacement

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
	73046	AM00033	55,778

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
PRIMARY FACILITIES				**32,915**
WEST POINT ELEMENTARY SCHOOL (73046)	SF	95,552	303.17	28,969
SDD AND FEDERAL ENERGY ACTS COMPLIANCE	LS			1,087
ANTITERRORISM (AT/FP) MEASURES	LS			2,859
SUPPORTING FACILITIES				**16,871**
SPECIAL CONSTRUCTION (radon, temp parking, laydown)				950
CANOPIES	LS			118
ELECTRICAL/GAS UTILITIES	LS			981
COMMUNICATION UTILITIES	LS			709
MECHANICAL UTILITIES	LS			849
WATER/SEWER/UTILITIES (Includes storm drainage)	LS			1,737
SITE PREPARATION	LS			5,360
ROADS, SIDEWALKS AND PARKING	LS			1,189
SITE IMPROVEMENTS	LS			1,369
AT/FP	LS			171
DEMOLITION	SF	63,749	46.15	2,942
LOW IMPACT DEVELOPMENT	LS			331
ENVIRONMENTAL MITIGATION (Includes UXO surface clearance only)	LS			165
ESTIMATED CONTRACT COST				**49,786**
CONTINGENCY PERCENT (5%)				2,489
SUBTOTAL				**52,275**
SUPERVISION, INSPECTION & OVERHEAD (5.7%)				2,980
ENGINEERING DURING CONSTRUCTION (1%)				523
TOTAL REQUEST				**55,778**
EQUIPMENT FROM OTHER APPROPRIATIONS (NON ADD)				2,199

10. DESCRIPTION OF PROPOSED CONSTRUCTION:

Construct a multi-story elementary school with drilled pier, shallow spread footing, or other appropriate foundation, structural steel frame or other superstructure that supports a clear span reconfigurable facility, reinforced masonry or reinforced concrete and/or metal stud curtain wall with brick or other durable veneer metal, and a combination of curtain wall/punched window glazing systems. Interior construction will consist of some combination of masonry and gypsum wall systems, and operable/movable partition walls. Interior spaces include learning neighborhoods, studios, learning hubs, staff collaboration areas, computing center, art room, music suite, occupational therapy/ physical therapy (OT/PT), a commons area, multi-purpose space, information center, food service, administrative offices, guidance counseling center, a special education office, health services area, maintenance support, central storage area, technology service center, a tie-in to an existing gymnasium (Building 705C), and other required areas for a fully functioning elementary school. The project includes site improvements such as removing large quantities of rock, heavy grading, signage, fencing, paving, landscaping, covered walkways, exterior lighting, utilities, and playground area. Cafeteria, food service and information center areas were sized for the future elementary school population.

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

1. COMPONENT DoDEA	**FY 2016 MILITARY CONSTRUCTION PROJECT DATA**		2. Date February 2015
3. INSTALLATION AND LOCATION WEST POINT, NY		4. PROJECT TITLE: West Point Elementary School Replacement	
5. PROGRAM ELEMENT	6. CATEGORY CODE 73046	7. PROJECT NUMBER AM00033	8. PROJECT COST ($000) 55,778

The project will require demolition of 3 buildings for a total of approximately 63,749 SF.

An ordinance sweep prior to construction is required. A temporary parking solution is required while the existing school, parking, and existing bus loop are being demolished to clear footprint for new parking and student drop-off areas that meet AT/FP requirements.

Sustainable principles will be maximized in the design, development and construction of the project in accordance with Executive Order 13123 and other applicable laws and executive orders. Energy conservation and environmentally safe measures will be incorporated in this project wherever feasible, practical or required by regulation. Energy and natural resource conservation measures will be maximized in the design to the extent possible. In accordance with Leadership in Energy and Environmental Design (LEED) for Schools, Silver certification is required.

Facilities will be designed in accordance with DoDEA Education Facilities Specifications, Americans with Disabilities Act (ADA) Accessibility Guidelines/Architectural Barriers Act (ABA), National Fire Protection Association (NFPA) Life Safety Code, Standards of Seismic Safety for Federally Owned Buildings, and energy and water conservation standards.

Air Conditioning Load: 300 Tons

11. REQUIREMENT: 110,643 SF ADQT: 15,091 SF SUBSTD: 63,749 SF

PROJECT:
Replace the existing Elementary School facility by constructing a new Elementary School facility.

This project constructs a new Elementary School.

REQUIREMENT:

The new school is required to provide adequate academic facilities for 500 students in grades Pre K – 4th. School population based on 2018 school year.

CURRENT SITUATION:

The current West Point Elementary School is a 78,840 SF facility that was originally constructed in 1963. There were additions built in 1986 (classrooms), 2003 (classrooms), and 2004 (gym). The 2004 gym will be retained and adjacent to the new school. The school has a poor facility condition rating; it is more economical to replace than to repair. The following systems are expired or are failing and in need of replacement; HVAC system, roofs, doors, casework, ceilings, exterior finishes, toilet partitions and accessories, communications systems, wall finishes, electrical circuits, electrical distribution, lighting, fire alarms, and plumbing. The facility does not meet the DoDEA's Education Facilities Specifications to include facility space that is undersized for 21st Century Education (Info Center, Music, Art, food service spaces, and some classrooms are undersized). Parking is inadequate. The facility does not meet current AT/FP, ADA, and NFPA requirements and does not meet current federal energy and sustainability mandates.

IMPACT IF NOT PROVIDED:

The continued use of deficient, inadequate, and undersized facilities that do not accommodate the current student population will continue to impair the overall education program for students. 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 not replaced.

1. COMPONENT DoDEA	FY 2016 MILITARY CONSTRUCTION PROJECT DATA	2. Date February 2015

3. INSTALLATION AND LOCATION	4. PROJECT TITLE:
WEST POINT, NY	West Point Elementary School Replacement

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
	73046	AM00033	55,778

ADDITIONAL:

This project has been coordinated with the installation physical security plans and all AT/FP measures are included.

Economic Alternatives:

All known alternatives were considered during the development of this project. No other option could meet the mission requirements; therefore, no economic analysis was needed or performed.

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

12. Supplemental Data:

Site Approval: Yes [X] Obtained Date: APR 2014

No [ ] Expected Date:

Issues:
a. DDESAB, AICUZ, Airfield, EMR, or wetlands – No issue.
b. Endangered species/sensitive habitat – Possibility of endangered rattlesnake in the region.
c. Air quality – No issue.
d. Cultural/archeological resources – Limited Archaeological pedestrian reconnaissance - excavation of shovel test pits required.
e. Clearing of trees - Monitoring of tree removal limited between November and March.
f. Known contamination at selected site – No Issue
g. Operational problems – A temporary parking solution will be provided while the old facility is being demolished to clear footprint for new parking and drop-off loop.
h. Traffic patterns impact – No issue.
i. Existing utilities upgrade – No issue.
j. Ordnance sweep required prior to construction - Ordinance (UXO) Technician required during site excavation.

Planning:
Consistent with Installation Master Plan: Yes

NEPA Documentation Complete: August 2015 anticipated FONSI
Level of NEPA: Environmental Assessment (EA)

Mitigation Issues:
a. Wetlands replacement/enhancement – N
b. Hazardous Waste – Y
c. Contaminated soil/water – Y
d. Other – N

A. Design Data (Estimated):
(1) Status:
(a) Design Start Date JUL 2014

1. COMPONENT DoDEA	FY 2016 MILITARY CONSTRUCTION PROJECT DATA		2. Date February 2015
3. INSTALLATION AND LOCATION WEST POINT, NY		4. PROJECT TITLE: West Point Elementary School Replacement	
5. PROGRAM ELEMENT	6. CATEGORY CODE 73046	7. PROJECT NUMBER AM00033	8. PROJECT COST ($000) 55,778

(b) Parametric Cost Estimate Used to Develop Costs	YES
(c) Percent of Design Completed as of 1 Jan 2015	15%
(d) Expected 35% Design Date	MAR 2015
(e) 100% Design Completion Date	OCT 2015
(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	5,578
d. Contract	3,347
e. In-house	2,231
(4) Construction Contract Award Date	MAR 2016
(5) Construction Start Date	MAY 2016
(6) Construction Completion Date	MAY 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)
Furnishings	O&M	2018	459
Kitchen	O&M	2018	306
IT	O&M	2018	568
Education Supplies	O&M	2018	793
Safety Equipment	O&M	2018	35
Security Equipment	O&M	2018	38

1. COMPONENT	FY 2016 MILITARY CONSTRUCTION PROGRAM	2. Date
DoDEA		February 2015

3. Installation and Location	4. COMMAND	5. AREA CONSTRUC-TION COST INDEX
FORT BRAGG, NORTH CAROLINA	DoDEA	0.88

6. PERSONNEL STRENGTH	PERMANENT			STUDENTS			SUPPORTED			TOTAL
	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	
a. AS OF 31 OCT 2014						4,572				4,572
b. END FY 2018						4,556				4,556

7. INVENTORY DATA ($000)

TOTAL ACREAGE	0
INVENTORY TOTAL AS OF	0
AUTHORIZATION NOT YET IN INVENTORY	0
AUTHORIZATION REQUESTED IN THIS PROGRAM	32,944
AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM	0
PLANNED IN NEXT THREE PROGRAM YEARS	0
REMAINING DEFICIENCY	0
GRAND TOTAL	32,944

8. PROJECTS REQUESTED IN THIS PROGRAM

CATEGORY CODE	PROJECT TITLE	SCOPE	COST ($000)	DESIGN START	STATUS COMPLETE
73046	Replace Butner Elementary School	96,173 SF	32,944	SEP 2013	MAY 2018

9. FUTURE PROJECTS

a. INCLUDED IN FOLLOWING PROGRAM
None

b. PLANNED IN NEXT THREE YEARS
None

10. MISSION OR MAJOR FUNCTIONS
Military Dependent Education

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:
None

1. COMPONENT DoDEA	**FY 2016 MILITARY CONSTRUCTION PROJECT DATA**	2. Date February 2015

3. INSTALLATION AND LOCATION	4. PROJECT TITLE:
FORT BRAGG, NORTH CAROLINA	Butner Elementary School Replacement

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
	73046	AM00045	32,944

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
PRIMARY FACILITIES				**22,011**
BUTNER ELEMENTARY SCHOOL (73061)	SF	96,173	220.52	21,208
SPECIAL FOUNDATIONS	LS			167
SDD AND FEDERAL ENERGY ACTS COMPLIANCE	LS			636
SUPPORTING FACILITIES				**7,394**
CANOPIES	LS			867
ELECTRICAL/GAS UTILITIES	LS			331
COMMUNICATION UTILITIES	LS			24
WATER/SEWER/UTILITIES (Includes storm drainage)	LS			1,481
SITE PREPARATION	LS			415
ROADS, SIDEWALKS AND PARKING	LS			648
SITE IMPROVEMENTS	LS			2,323
DEMOLITION	SF	75,844	15.68	1,189
AT/FP	LS			53
LOW IMPACT DEVELOPMENT	LS			63
ESTIMATED CONTRACT COST (sum of primary and supporting)				**29,405**
CONTINGENCY PERCENT (5%)				1,470
SUBTOTAL				**30,875**
SUPERVISION, INSPECTION & OVERHEAD (5.7%)				1,760
ENGINEERING DURING CONSTRUCTION (1%)				309
TOTAL REQUEST				**32,944**
EQUIPMENT FROM OTHER APPROPRIATIONS (NON ADD)				**2,936**

10. DESCRIPTION OF PROPOSED CONSTRUCTION:

Construct a multi-story, elementary school composed of shallow foundation, steel frame, and with concrete masonry unit or metal stud and primarily brick masonry exterior wall finish. Roofing will be standing seam metal with some areas of low slope membrane. Interior construction will consist of masonry, metal stud, and operable/movable partition walls. Interior spaces include neighborhoods, studios, learning hubs, staff collaboration areas, computing center, art room, music suites, occupational therapy/physical therapy, 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 elementary school. The project includes site improvements such as canopies, site preparation, site improvements, low impact development, environmental mitigation, signage, fencing, paving, landscaping, covered walkways, exterior lighting, utilities, playground areas, mechanical enclosure, dumpster enclosure, service yard, storm water piping and management areas. Cafeteria, food service and information center areas were sized for the future elementary school population.

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

The project will require demolition of 7 buildings for a total of approximately 75,844 SF.

1. COMPONENT DoDEA	FY 2016 MILITARY CONSTRUCTION PROJECT DATA	2. Date February 2015

3. INSTALLATION AND LOCATION	4. PROJECT TITLE:
FORT BRAGG, NORTH CAROLINA	Butner Elementary School Replacement

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
	73046	AM00045	32,944

The project will require environmental mitigation to include preparation of a Historic Preservation Plan for the school that will be demolished.

Sustainable principles will be maximized in the design, development and construction of the project in accordance with Executive Order 13123 and other applicable laws and executive orders. Energy conservation and environmentally safe measures will be incorporated in this project wherever feasible, practical or required by regulation. Energy and natural resource conservation measures will be maximized in the design to the extent possible. In accordance with Leadership in Energy and Environmental Design (LEED) for Schools, Silver certification is required.

Facilities will be designed in accordance with DoDEA Education Facilities Specifications, Americans with Disabilities Act (ADA) Accessibility Guidelines/Architectural Barriers Act (ABA), National Fire Protection Association (NFPA) Life Safety Code, Standards of Seismic Safety for Federally Owned Buildings, and energy and water conservation standards.

Air Conditioning Load: 345 Tons

11. REQUIREMENT: 96,173 SF ADQT: 0 SF SUBSTD: 75,844 SF

PROJECT:
Replace the existing elementary school facility by constructing a new elementary school facility.

REQUIREMENT:

The new school is required to provide adequate academic facilities for 465 students in grades Pre-Kindergarten through Second Grade. School population based on 2018 school year.

CURRENT SITUATION:

The current Butner Elementary School is a 70,937 SF facility that was originally constructed in 1959 including a 5,700 SF addition constructed in 2004. The school has a poor facility condition rating; it is more economical to replace than to repair. The following systems are expired or are failing and in need of replacement; HVAC, plumbing, and electrical systems. The facility does not meet the DoDEA's Education Facilities Specifications to include classrooms, learning environments, and food service. Classrooms lack functionality and are inadequately sized. The facility does not meet the current criteria for learning environments. The kitchen needs many upgrades and has outdated equipment for the food service program. Primary concerns about the school include pick-up and drop-off issues, inefficient Heating Ventilation Air Conditioning (HVAC) systems, plumbing systems, water infiltration, and electrical deficiencies. There are three portable classrooms in use that do not meet educational facility specifications or standards. The facility does not meet current AT/FP, ADA, NFPA codes and does not meet current federal energy and sustainability mandates.

IMPACT IF NOT PROVIDED:

The continued use of deficient, inadequate, and undersized facilities that do not accommodate the current student population will continue to impair the overall education program for students. 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 not replaced.

ADDITIONAL:

This project has been coordinated with the installation physical security plans and all AT/FP measures are included.

1. COMPONENT DoDEA	**FY 2016 MILITARY CONSTRUCTION PROJECT DATA**	2. Date February 2015

3. INSTALLATION AND LOCATION	4. PROJECT TITLE:
FORT BRAGG, NORTH CAROLINA	Butner Elementary School Replacement

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
	73046	AM00045	32,944

Economic Alternatives:

All known alternatives were considered during the development of this project. No other option could meet the mission requirements; therefore, no economic analysis was needed or performed.

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

12. Supplemental Data:

Site Approval: Yes [X] Obtained Date: July 2014

No [ ] Expected Date:

Issues: (state no issue or BRIEFLY explain the issue below)

a. DDESAB, AICUZ, Airfield, EMR, or wetlands: No Issue
b. Endangered species/sensitive habitat: No Issue
c. Air quality: No Issue
d. Cultural/archeological resources: Historic Mitigation
e. Clearing of trees: Yes
f. Known contamination at selected site: No Issue
g. Operational problems: No Issue
h. Traffic patterns impact: Traffic Study Not Required
i. Existing utilities upgrade: No Issue
j. Ordnance sweep required prior to construction: No Issue

Planning:
Consistent with Installation Master Plan: Yes

Host Nation Approval: Country, N/A

National Capital Region Approval: N/A

NEPA Documentation Complete: Y
Level of NEPA: Environmental Assessment

Mitigation Issues:

a. Wetlands replacement/enhancement – N
b. Hazardous Waste – N
c. Contaminated soil/water – N
d. Other – N

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

1. COMPONENT DoDEA	**FY 2016 MILITARY CONSTRUCTION PROJECT DATA**	2. Date February 2015

3. INSTALLATION AND LOCATION	4. PROJECT TITLE:
FORT BRAGG, NORTH CAROLINA	Butner Elementary School Replacement

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
	73046	AM00045	32,944

(a) Design Start Date	SEP 2013
(b) Parametric Cost Estimate Used to Develop Costs	YES
(c) Percent of Design Completed as of 1 Jan 2015	15%
(d) Expected 35% Design Date	FEB 2015
(e) 100% Design Completion Date	NOV 2015
(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	3,294
(d) Contract	1,977
(e) In-house	1,317
(4) Construction Contract Award Date	MAR 2016
(5) Construction Start Date	MAY 2016
(6) Construction Completion Date	MAY 2018

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	2018	535
Kitchen	O&M	2018	349
IT	O&M	2018	1,105
Education Supplies	O&M	2018	889
Safety Equipment	O&M	2018	5
Security Equipment	O&M	2018	53

1. COMPONENT	FY 2016 MILITARY CONSTRUCTION PROGRAM	2. Date
DoDEA		February 2015

3. Installation and Location	4. COMMAND	5. AREA CONSTRUC-TION COST INDEX
FORT JACKSON, SOUTH CAROLINA	DoDEA	0.82

6. PERSONNEL STRENGTH	PERMANENT			STUDENTS			SUPPORTED			TOTAL
	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	
a. AS OF 31 OCT 2014						623				623
b. END FY 2018						614				614

7. INVENTORY DATA ($000)

TOTAL ACREAGE	0
INVENTORY TOTAL AS OF	0
AUTHORIZATION NOT YET IN INVENTORY	0
AUTHORIZATION REQUESTED IN THIS PROGRAM	26,157
AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM	0
PLANNED IN NEXT THREE PROGRAM YEARS	0
REMAINING DEFICIENCY	0
GRAND TOTAL	26,157

8. PROJECTS REQUESTED IN THIS PROGRAM

CATEGORY CODE	PROJECT TITLE	SCOPE	COST ($000)	DESIGN START	STATUS COMPLETE
73046	Replace Pierce Terrace Elementary School	76,744 SF	26,157	SEP 2014	MAY 2018

9. FUTURE PROJECTS

a. INCLUDED IN FOLLOWING PROGRAM

None

b. PLANNED IN NEXT THREE YEARS

None

10. MISSION OR MAJOR FUNCTIONS

Military Dependent Education

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:

None

1. COMPONENT DoDEA	**FY 2016 MILITARY CONSTRUCTION PROJECT DATA**	2. Date February 2015

3. INSTALLATION AND LOCATION	4. PROJECT TITLE:
FORT JACKSON, SOUTH CAROLINA	Pierce Terrace Elementary School Replacement

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
	73046	AM00035	26,157

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
PRIMARY FACILITIES				**16,232**
PIERCE TERRACE ELEMENTARY SCHOOL (73046)	SF	76,744	205.38	15,762
SDD AND FEDERAL ENERGY ACTS COMPLIANCE	LS			470
SUPPORTING FACILITIES				**6,273**
CANOPIES	LS			140
ELECTRICAL/GAS UTILITIES	LS			322
COMMUNICATION UTILITIES	LS			612
WATER/SEWER/UTILITIES (Includes storm drainage)	LS			869
MECHANICAL UTILITIES	LS			82
SITE PREPARATION	LS			1,413
ROADS, SIDEWALKS AND PARKING	LS			856
SITE IMPROVEMENTS	LS			985
DEMOLITION	SF	44,309	16.72	741
LOW IMPACT DEVELOPMENT	LS			253
ESTIMATED CONTRACT COST				**22,505**
CONTINGENCY PERCENT (5%)				1,125
SUBTOTAL				**23,630**
SUPERVISION, INSPECTION & OVERHEAD (5.7%)				1,347
DESIGN/BUILD (4%)				945
ENGINEERING DURING CONSTRUCTION (1%)				235
TOTAL REQUEST				**26,157**
EQUIPMENT FROM OTHER APPROPRIATIONS (NON ADD)				**1,779**

10. DESCRIPTION OF PROPOSED CONSTRUCTION:

Construct a multi-story elementary school composed of shallow foundation, steel or wood frame, with concrete masonry unit or metal or wood stud, and brick masonry or wood exterior wall finish. Roofing will be standing seam metal and/ or low slope membrane. Interior construction will consist of wood, steel, masonry, gypsum, metal or wood studs, and movable/operable partition walls. Interior spaces include neighborhoods, studios, learning hubs, staff collaboration areas, computing center, art room, music suites, occupational therapy/physical therapy, 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 elementary school. The project includes site improvements such as signage, fencing, paving, landscaping, covered walkways, exterior lighting, utilities, and playground area. Cafeteria, food service and information center areas were sized for the future Elementary School population.

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

The project will require demolition of 3 buildings for a total of approximately 44,309 SF.

Sustainable principles will be maximized in the design, development and construction of the project in accordance with Executive Order 13123 and other applicable laws and executive orders. Energy conservation and environmentally safe measures will be incorporated in this project wherever feasible, practical or required by regulation. Energy and natural

1. COMPONENT DoDEA	FY 2016 MILITARY CONSTRUCTION PROJECT DATA	2. Date February 2015
3. INSTALLATION AND LOCATION FORT JACKSON, SOUTH CAROLINA	4. PROJECT TITLE: Pierce Terrace Elementary School Replacement	

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
	73046	AM00035	26,157

resource conservation measures will be maximized in the design to the extent possible. In accordance with Leadership in Energy and Environmental Design (LEED) for Schools, Silver certification is required.

Facilities will be designed in accordance with DoDEA Education Facilities Specifications, Americans with Disabilities Act (ADA) Accessibility Guidelines/Architectural Barriers Act (ABA), National Fire Protection Association (NFPA) Life Safety Code, Standards of Seismic Safety for Federally Owned Buildings, and energy and water conservation standards.

Air Conditioning Load: 280 Tons

11. REQUIREMENT: 76,744 SF ADQT: 0 SF SUBSTD: 44,309 SF

PROJECT:

Replace the existing pre-kindergarten through first grade elementary school facility by constructing a new pre-kindergarten through second grade school facility.

REQUIREMENT:

The new school is required to provide adequate academic facilities for 325 students in grades pre-kindergarten through second grade. School population based on 2018 school year.

CURRENT SITUATION:

The current Pierce Terrace Elementary School is a 36,621 SF facility that was originally constructed in 1972. One small addition Building 5713 (902 SF) was constructed in 1982. The school supports pre-kindergarten through first grade. The school has a poor facility condition rating; it is more economical to replace than to repair. The following systems are expired or are failing and in need of replacement; floors, wall finishes, ceiling finishes, windows, lighting, doors, fire alarm systems, exterior finishes, casework, plumbing piping, electrical distribution, and HVAC systems. The facility does not meet the DoDEA's Education Facilities Specifications to include undersized classrooms, inadequate facilities, poorly configured buildings, and has no gym. Water infiltration has interrupted school operations and resulted in the need for roof repairs and floor replacements. Bathrooms and plumbing are in severe need of renovation. There is only a warming kitchen; food is prepared at Pinckney Elementary School. The facility does not meet current AT/FP and ADA standards and does not meet current federal energy and sustainability mandates.

IMPACT IF NOT PROVIDED:

The continued use of deficient, inadequate, and undersized facilities that do not accommodate the current student population will continue to impair the overall education program for stuFdents. 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 not replaced.

ADDITIONAL:

This project has been coordinated with the installation physical security plans and all AT/FP measures are included.

Economic Alternatives:

All known alternatives were considered during the development of this project. No other option could meet the mission requirements; therefore, no economic analysis was needed or performed.

1. COMPONENT DoDEA	**FY 2016 MILITARY CONSTRUCTION PROJECT DATA**	2. Date February 2015

3. INSTALLATION AND LOCATION	4. PROJECT TITLE:
FORT JACKSON, SOUTH CAROLINA	Pierce Terrace Elementary School Replacement

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
	73046	AM00035	26,157

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

12. Supplemental Data:

Site Approval: Yes [X] Obtained Date: April 2012

No [ ] Expected Date:

Issues: (state no issue or BRIEFLY explain the issue below)

a. DDESAB, AICUZ, Airfield, EMR, or wetlands: No issue
b. Endangered species/sensitive habitat: No issue
c. Air quality: No issue
d. Cultural/archeological resources: No issue
e. Clearing of trees: Yes
f. Known contamination at selected site: No issue
g. Operational problems: No issue
h. Traffic patterns impact: No issue
i. Existing utilities upgrade: NEC must provide approx. 3,350' off site extension of copper to building from Lee Blvd.
j. Ordnance sweep required prior to construction: No issue

Planning:
Consistent with Installation Master Plan: Yes

Host Nation Approval: N/A

National Capital Region Approval: N/A

NEPA Documentation Complete: Y
Level of NEPA: Environmental Assessment

Mitigation Issues:

a. Wetlands replacement/enhancement –N
b. Hazardous Waste –N
c. Contaminated soil/water –N
d. Other –N

A. Design Data (Estimated):

(1) Status:

(a) Design Start Date	OCT 2014
(b) Parametric Cost Estimate Used to Develop Costs	YES
(c) Percent of Design Completed as of 1 Jan 2015	15%
(d) Expected 35% Design Date	JUL 2015

1. COMPONENT DoDEA	FY 2016 MILITARY CONSTRUCTION PROJECT DATA	2. Date February 2015

3. INSTALLATION AND LOCATION	4. PROJECT TITLE:
FORT JACKSON, SOUTH CAROLINA	Pierce Terrace Elementary School Replacement

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
	73046	AM00035	26,157

(e) 100% Design Completion Date	JUN 2016
(f) Type of Design Contract:	Design/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	1,671
(d) Contract	1,002
(e) In-house	669
(4) Construction Contract Award Date	OCT 2015
(5) Construction Start Date	JAN 2016
(6) Construction Completion Date	MAY 2018

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	2018	328
Kitchen	O&M	2018	267
IT	O&M	2018	490
Education Supplies	O&M	2018	637
Safety Equipment	O&M	2018	24
Security Equipment	O&M	2018	33

1. COMPONENT	FY 2016 MILITARY CONSTRUCTION PROGRAM	2. Date
DoDEA		February 2015

3. Installation and Location	4. COMMAND	5. AREA CONSTRUC-TION COST INDEX
USAG GARMISCH, GERMANY	DoDEA	1.28

6. PERSONNEL STRENGTH	PERMANENT			STUDENTS			SUPPORTED			TOTAL
	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	
a. AS OF 31 OCT 2014						94				94
b. END FY 2018						115				115

7. INVENTORY DATA ($000)

TOTAL ACREAGE	0
INVENTORY TOTAL AS OF	0
AUTHORIZATION NOT YET IN INVENTORY	0
AUTHORIZATION REQUESTED IN THIS PROGRAM	14,676
AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM	0
PLANNED IN NEXT THREE PROGRAM YEARS	0
REMAINING DEFICIENCY	0
GRAND TOTAL	14,676

8. PROJECTS INCLUDED IN THIS PROGRAM

CATEGORY CODE	PROJECT TITLE	SCOPE	COST ($000)	DESIGN START	STATUS COMPLETE
73046	Addition/Modernization Garmisch Elementary/Middle School	New: 13,840 SF Renovation 27,376SF	14,676	SEP 2013	MAY 2018

9. FUTURE PROJECTS

a. INCLUDED IN FOLLOWING PROGRAM

None

b. PLANNED IN NEXT THREE YEARS

None

10. MISSION OR MAJOR FUNCTIONS

Military Dependent Education

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:

NONE

1. COMPONENT DoDEA	**FY 2016 MILITARY CONSTRUCTION PROJECT DATA**	2. Date February 2015

3. INSTALLATION AND LOCATION	4. PROJECT TITLE:
USAG GARMISCH, GERMANY	Garmisch Elementary/Middle School Addition/Modernization

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
	73046	EU00061	14,676

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
PRIMARY FACILITIES				**11,472**
GARMISCH E/MS ADDITION 73046	SF	13,840	366.78	5,076
RENOVATION 73046	SF	27,376	225.42	6,171
SDD AND FEDERAL ENERGY ACTS COMPLIANCE	LS			225
SUPPORTING FACILITIES				**1,530**
ELECTRICAL UTILITIES	LS			306
COMMUNICATION UTILITIES	LS			164
WATER/SEWER UTILITIES (Includes storm drainage)	LS			194
MECHANICAL UTILITIES (District Heat)	LS			214
SITE PREPARATION	LS			46
ROADS, SIDEWALKS, AND PARKING	LS			168
SITE IMPROVEMENTS	LS			115
ANTITERRORISM (AT/FP) MEASURES	LS			165
LOW IMPACT DEVELOPMENT	LS			158
ESTIMATED CONTRACT COST				**13,002**
CONTINGENCY (5%)				650
SUBTOTAL				**13,652**
SUPERVISION, INSPECTION & OVERHEAD (6.5%)				887
ENGINEERING DURING CONSTRUCTION (1%)				137
TOTAL REQUEST				**14,676**
EQUIPMENT FROM OTHER APPROPRIATIONS (NON ADD)				753

10. DESCRIPTION OF PROPOSED CONSTRUCTION:

Construct an addition composed of poured concrete, reinforced concrete/steel structure and stucco exterior. Interior construction will consist of plastered reinforced concrete walls, masonry and or movable/operable partition walls. Renovate the existing facilities to include repurposing spaces and modernization. Interior spaces to be provided either by repurposing or new construction include –information center, a flex (computer) lab, gymnasium/multipurpose room (MPR), foodservice (kitchen/dining), supply areas, specialist rooms, art and music specialty rooms, learning impaired space, counseling area, storage, health center, administrative offices, performance area, and other required areas for a fully functioning Elementary/Middle school in accordance with DoDEA Education Facility Specifications. Cafeteria, food service, information center, and performance area were sized for future student school population.

The project includes site improvements such as egress and accessibility upgrades, replacement of architectural components and finishes, and fire protection improvements to meet current codes.

The project includes related infrastructure such as walkways, replacement/upgrade of existing utilities, structural repair and upgrades, sidewalks, replacement of architectural components and finishes, fire access lanes, playgrounds, landscaping, site lighting, force protection measures, fencing and gates. The project will also require minor hazardous material abatement of the existing facility.

Sustainable principles will be maximized in the design, development, and construction of the project in accordance with Executive Order 13123 and other applicable laws and executive orders. Energy conservation and environmentally safe measures will be incorporated in this project wherever feasible, practical, or required by regulation. Energy and natural

1. COMPONENT DoDEA	FY 2016 MILITARY CONSTRUCTION PROJECT DATA	2. Date February 2015

3. INSTALLATION AND LOCATION	4. PROJECT TITLE:
USAG GARMISCH, GERMANY	Garmisch Elementary/Middle School Addition/Modernization

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
	73046	EU00061	14,676

resource conservation measures will be maximized in the design to the extent possible. In accordance with USGBC Leadership in Energy and Environmental Design (LEED) for Schools, Silver certification is required.

Facilities will be designed in accordance with DoDEA Education Facilities Specifications, Americans with Disabilities Act (ADA) Accessibility Guidelines/Architectural Barriers Act (ABA), National Fire Protection Association (NFPA) Life Safety Code, U.S. federal environmental laws and regulations, Standards of Seismic Safety for Federally Owned Buildings, and energy and water conservation standards.

Air Conditioning Load: 5 TONS

11. REQUIREMENT: 41,216 SF ADQT: 0 SF SUBSTD: 27,376 SF

PROJECT:

This project constructs a new 13,840 SF addition; and repurpose and/or modernization of the existing elementary/middle school.

REQUIREMENT:

The new school is required to provide adequate academic facilities for 115 students in grades kindergarten through 8. School population based on 2018 enrollment year. Requirement aligns with the results of the European Infrastructure Consolidation study.

CURRENT SITUATION:

The current Garmisch Elementary/Middle school was built in 1952. The school has a poor quality condition rating, has some aging infrastructure and most importantly, is significantly undersized for the current population and the DoDEA educational mission and requirements.

The facility does not meet the DoDEA's Education Facilities Specifications to include missing a gymnasium, music room, science lab, computer lab and kitchen for the meal program. The multi-purpose room is undersized to support both foodservice and physical education programs. There are notable NFPA Life Safety problems, ABA code violations and no fire suppression systems, as the facilities were constructed under different code requirements. Electrical/communication systems and distribution are in need of minor repairs. Emergency lighting is only provided in limited areas. Mechanical ventilation is very limited in the existing facility, some structural components in the roof attic show signs of moderate to extreme stress. The telephone and PA systems need complete overhaul. The facilities do not meet construction standards for energy efficiency, with aging mechanical/electrical components and limited insulation for the exterior building envelope. The existing facilities do not meet AT/FP requirements.

IMPACT IF NOT PROVIDED:

The continued use of deficient, inadequate, and undersized facilities that do not accommodate the current student population will continue to impair the overall education program for students. 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.

Economic Alternatives:

All known alternatives were considered during the development of this project. No other option could meet the mission requirements; therefore, no economic analysis was needed or performed.

JOINT USE CERTIFICATION:

1. COMPONENT DoDEA	FY 2016 MILITARY CONSTRUCTION PROJECT DATA	2. Date February 2015

3. INSTALLATION AND LOCATION	4. PROJECT TITLE:
USAG GARMISCH, GERMANY	Garmisch Elementary/Middle School Addition/Modernization

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
	73046	EU00061	14,676

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

12. Supplemental Data:

Site Approval: Yes [X] Obtained Date: April 2012

No [ ] Expected Date:

Issues: (state no issue or explain the issue)
a. DDESAB, AICUZ, Airfield, EMR, or wetlands: No Issue
b. Endangered species/sensitive habitat: No Issue
c. Air quality: No Issue
d. Cultural/archeological resources: No Issue
e. Clearing of trees: No Issue
f. Known contamination at selected site: Radon contaminated soil is known to be present
g. Operational problems: No Issue
h. Traffic patterns impact: No Issue
i. Existing utilities upgrade: No Issue
j. Ordnance sweep required prior to construction: No Issue

Planning:
Consistent with Installation Master Plan: YES
Host Nation Approval: N/A
National Capital Region Approval: N/A
NEPA Documentation Complete: YES
Level of NEPA: Categorical Exclusion

Mitigation Issues:
a. Wetlands replacement/enhancement: NO
b. Hazardous Waste: NO
c. Contaminated soil/water: Radon contaminated soil is known to be present in this area.
d. Other: NO
e.

A. Design Data (Estimated):

(1) Status:	
(a) Design Start	Sept 2013
(b) Parametric Cost Estimate Used to Develop Costs	Yes
(c) Percent of Design Completed as of 1 Jan 2015	15%
(d) Expected 35% Design Date	FEB 2015
(e) 100% Design Completion Date	NOV 2015
(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	

1. COMPONENT DoDEA	FY 2016 MILITARY CONSTRUCTION PROJECT DATA	2. Date February 2015

3. INSTALLATION AND LOCATION	4. PROJECT TITLE:
USAG GARMISCH, GERMANY	Garmisch Elementary/Middle School Addition/Modernization

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
	73046	EU00061	14,676

(b) All Other Design Costs	
(c) Total Design Cost	1,468
(d) Contract	881
(e) In-house	587
(4) Construction Contract Award Date	MAR 2016
(5) Construction Start Date	MAY 2016
(6) Construction Completion Date (36mos total)	MAY 2018

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	FY18	145
Kitchen	O&M	FY18	100
IT	O&M	FY18	455
Education Supplies	O&M	FY18	23
Safety Equipment	O&M	FY18	25
Security Equipment	O&M	FY18	5

1. COMPONENT	FY 2016 MILITARY CONSTRUCTION PROGRAM	2. Date
DoDEA		February 2015

3. Installation and Location	4. COMMAND	5. AREA CONSTRUC-TION COST INDEX
GRAFENWOEHR, GERMANY	DoDEA	1.28

6. PERSONNEL STRENGTH	PERMANENT			STUDENTS			SUPPORTED			TOTAL
	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	
a. AS OF 31 OCT 2014						2584				2584
b. END FY 2018						2671				2671

7. INVENTORY DATA ($000)

TOTAL ACREAGE	0
INVENTORY TOTAL AS OF	0
AUTHORIZATION NOT YET IN INVENTORY	0
AUTHORIZATION REQUESTED IN THIS PROGRAM	38,138
AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM	0
PLANNED IN NEXT THREE PROGRAM YEARS	0
REMAINING DEFICIENCY	0
GRAND TOTAL	38,138

8. PROJECTS REQUESTED IN THIS PROGRAM

CATEGORY CODE	PROJECT TITLE	SCOPE	COST ($000)	DESIGN START	STATUS COMPLETE
73046	Replace Grafenwoehr Elementary School	94,696 SF	38,138	SEP 2013	MAY 2019

9. FUTURE PROJECTS

a. INCLUDED IN FOLLOWING PROGRAM
None

b. PLANNED IN NEXT THREE YEARS
None

10. MISSION OR MAJOR FUNCTIONS
Military Dependent Education

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:
None

1. COMPONENT DoDEA	FY 2016 MILITARY CONSTRUCTION PROJECT DATA	2. Date February 2015

3. INSTALLATION AND LOCATION	4. PROJECT TITLE:
USAG GRAFENWOEHR, GERMANY	Grafenwoehr Elementary School Replacement

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
	73046	EU00068	38,138

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
PRIMARY FACILITIES				**28,486**
GRAFENWOEHR ELEMENTARY SCHOOL (73046)	SF	94,296	295.50	27,864
ORGANIZATIONAL STORAGE BUILDING (44224)	SF	400	170.95	68
SDD AND FEDERAL ENERGY ACTS COMPLIANC	LS			554
SUPPORTING FACILITIES				**5,302**
CANOPIES	LS			199
ELECTRICAL UTILITIES	LS			631
COMMUNICATION UTILITIES	LS			75
WATER/SEWER/UTILITIES (Includes storm drainage)	LS			1,170
MECHANICAL UTILITIES	LS			180
SITE PREPARATION	LS			347
ROADS, SIDEWALKS AND PARKING	LS			1,052
SITE IMPROVEMENTS	LS			949
AT/FP	LS			385
DEMOLITION (Playground Equipment)	LS			53
LOW IMPACT DEVELOPMENT	SF			261
ESTIMATED CONTRACT COST				**33,788**
CONTINGENCY PERCENT (5%)				1,689
SUBTOTAL				**35,477**
SUPERVISION, INSPECTION & OVERHEAD (6.5%)				2,306
ENGINEERING DURING CONSTRUCTION (1%)				355
TOTAL REQUEST				**38,138**
EQUIPMENT FROM OTHER APPROPRIATIONS (NON ADD)				2,790

10. DESCRIPTION OF PROPOSED CONSTRUCTION:

Construct a multi-story elementary school, composed of poured concrete foundations; concrete slabs, concrete or steel supporting structures; masonry and brick walls. Interior construction may consist of plastered reinforced concrete walls, masonry, movable/operable partitions, gypsum board partitions or other interior wall systems as appropriate for the various program spaces and uses. Interior spaces include neighborhoods, studios, learning hubs, common areas, music room, science rooms, art room, gymnasium, multipurpose room and cafeteria and kitchen, information centers, computer lab, supply area, faculty work rooms, counseling areas, specialists' rooms, learning impaired rooms, storage, administrative offices, staff collaboration areas, bathrooms and other required areas for a fully functioning elementary school. The project includes site improvements such as signage, fencing, paving, landscaping, covered walkways, exterior lighting, utilities, and playground area. The common areas (dining, performance, foodservice, and information center) areas are to be sized for future elementary school population.

Construct a storage building, composed of poured concrete foundations; concrete slabs, concrete, steel, or wood supporting structures; masonry and brick or wood walls. Interior construction may consist of gypsum board partitions or other interior wall systems as appropriate for storage use. Interior space shall provide an enclosed dry space for storing landscape equipment and building maintenance items that do not require special security or controlled environment storage.

The project includes related infrastructure such as water, sewer, electrical, staff and visitor parking areas, parent drop

1. COMPONENT DoDEA	FY 2016 MILITARY CONSTRUCTION PROJECT DATA	2. Date February 2015

3. INSTALLATION AND LOCATION	4. PROJECT TITLE:
USAG GRAFENWOEHR, GERMANY	Grafenwoehr Elementary School Replacement

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
	73046	EU00068	38,138

off lane, mechanical rooms, emergency access lanes, bus loading/unloading areas, and delivery areas.

The project will require demolition of playgrounds and associated play structures at the existing ES site. The existing school will be returned to the Installation for disposition.

Sustainable principles will be maximized in the design, development and construction of the project in accordance with Executive Order 13123 and other applicable laws and executive orders. Energy conservation and environmentally safe measures will be incorporated in this project wherever feasible, practical or required by regulation. Energy and natural resource conservation measures will be maximized in the design to the extent possible. In accordance with Leadership in Energy and Environmental Design (LEED) for Schools, Silver certification is required.

Facilities will be designed in accordance with DoDEA Education Facilities Specifications, Americans with Disabilities Act (ADA) Accessibility Guidelines/Architectural Barriers Act (ABA), National Fire Protection Association (NFPA) Life Safety Code, Host Nation environmental laws and regulations, Standards of Seismic Safety for Federally Owned Buildings, and energy and water conservation standards.

Air Conditioning Load: 25 Tons

11. REQUIREMENT: 94,696 SF ADQT: 0 SF SUBSTD: 59,655 SF

PROJECT:

Replace the existing elementary school facility by constructing a new pre-kindergarten through second grade school facility.

REQUIREMENT:

A new elementary school is required to provide adequate facilities for 400 students in grades K through 5. School student population is based 2018 enrollment year. Requirement aligns with the results of the European Infrastructure Consolidation study.

CURRENT SITUATION:

The current elementary school is a 61,207 SF facility that was originally constructed in 1946. There were two minor additions in 1960 and 1998. There are five temporary classroom buildings. The school has a poor facility condition rating; it is more economical to replace than to repair. The facility does not meet the DoDEA's Education Facilities Specifications. The facility does not meet current AT/FP, ADA, and NFPA codes and does not meet current federal energy and sustainability mandates.

IMPACT IF NOT PROVIDED:

The continued use of deficient, inadequate, and undersized facilities that do not accommodate the current student population and will continue to impair the overall education program for students. 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 not replaced. The following systems are expired or are failing and are in need of replacement; facility deficiencies that are in need of renewal include electrical service, distribution and branch circuits, interior finishes and appurtenances, exterior windows, lighting and plumbing fixtures and water piping.
ADDITIONAL:

1. COMPONENT DoDEA	**FY 2016 MILITARY CONSTRUCTION PROJECT DATA**	2. Date February 2015

3. INSTALLATION AND LOCATION	4. PROJECT TITLE:
USAG GRAFENWOEHR, GERMANY	Grafenwoehr Elementary School Replacement

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
	73046	EU00068	38,138

This project has been coordinated with the installation physical security plans and all AT/FP measures are included.

Economic Alternatives:

All known alternatives were considered during the development of this project. No other option could meet the mission requirements; therefore, no economic analysis was needed or performed.

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

12. Supplemental Data:

Site Approval: Yes [X] Obtained Date: May 2009

No [ ] Expected Date:

Issues: (state no issue or explain the issue below)

a. DDESAB, AICUZ, Airfield, EMR, or wetlands - No Issue
b. Endangered species/sensitive habitat - No Issue
c. Air quality - No Issue
d. Cultural/archeological resources - Removal of ruins will be required by the Garrison.
e. Clearing of trees – Environmental compensation to host nation is required by the Garrison for tree cutting.
f. Known contamination at selected site - Contaminated soils to be remediated by the Garrison.
g. Operational problems - No Issue
h. Traffic patterns impact -No Issue
i. Existing utilities upgrade - No Issue
j. Ordnance sweep required prior to construction - No Issue

Planning:
Consistent with Installation Master Plan: Yes

Host Nation Approval: NA

National Capital Region Approval: NA

NEPA Documentation Complete: Y
Level of NEPA: Categorical Exclusion
Mitigation Issues:

a. Wetlands replacement/enhancement –N
b. Hazardous Waste – Y, old munitions storage site
c. Contaminated soil/water – Y, old munitions storage site
d. Other –N

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

1. COMPONENT DoDEA	FY 2016 MILITARY CONSTRUCTION PROJECT DATA	2. Date February 2015

3. INSTALLATION AND LOCATION	4. PROJECT TITLE:
USAG GRAFENWOEHR, GERMANY	Grafenwoehr Elementary School Replacement

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
	73046	EU00068	38,138

(a) Design Start Date	SEP 2013
(b) Parametric Cost Estimate Used to Develop Costs	YES
(c) Percent of Design Completed as of 1 Jan 2015	15%
(d) Expected 35% Design Date	FEB 2014
(e) 100% Design Completion Date	NOV 2014
(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	3,814
(d) Contract	2,288
(e) In-house	1,526
(4) Construction Contract Award Date	MAR 2016
(5) Construction Start Date	MAY 2016
(6) Construction Completion Date	MAY 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)
Furnishings	O&M	2018	520
Kitchen	O&M	2018	300
IT	O&M	2018	940
Education Supplies	O&M	2018	933
Safety Equipment	O&M	2018	51
Security Equipment	O&M	2018	46

1. COMPONENT	FY 2016 MILITARY CONSTRUCTION PROGRAM	2. Date
DoDEA		February 2015

3. Installation and Location	4. COMMAND	5. AREA CONSTRUCTION COST INDEX
USAG STUTTGART, PATCH BARRACKS, GERMANY	DoDEA	1.25

6. PERSONNEL STRENGTH	PERMANENT			STUDENTS			SUPPORTED			TOTAL
	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	
a. AS OF 31 OCT 2014						2609				2609
b. END FY 2018						2580				2580

7. INVENTORY DATA ($000)

TOTAL ACREAGE	0
INVENTORY TOTAL AS OF	0
AUTHORIZATION NOT YET IN INVENTORY	0
AUTHORIZATION REQUESTED IN THIS PROGRAM	49,413
AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM	0
PLANNED IN NEXT THREE PROGRAM YEARS	0
REMAINING DEFICIENCY	0
GRAND TOTAL	49,413

8. PROJECTS INCLUDED IN THIS PROGRAM

CATEGORY CODE	PROJECT TITLE	SCOPE	COST ($000)	DESIGN START	STATUS COMPLETE
73046	Replace Patch Elementary School	114,422 SF	49,413	SEP 2013	MAY 2019

9. FUTURE PROJECTS

a. INCLUDED IN FOLLOWING PROGRAM
None

b. PLANNED IN NEXT THREE YEARS
None

10. MISSION OR MAJOR FUNCTIONS
Military Dependent Education

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:
None

1. COMPONENT DoDEA	FY 2016 MILITARY CONSTRUCTION PROJECT DATA	2. Date February 2015

3. INSTALLATION AND LOCATION	4. PROJECT TITLE:
PATCH BARRACKS, USAG STUTTGART, GERMANY	Patch Elementary School Replacement

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
	73046	EU00051	49,413

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
PRIMARY FACILITIES				**37,202**
PATCH ELEMENTARY SCHOOL (73046)	SF	114,422	276.00	31,580
PARKING GARAGE (85218)	SY	8,000	560.00	4,480
ORGANIZATIONAL STORAGE BUILDING (44224)	SF	400	167.00	67
SDD AND FEDERAL ENERGY ACTS COMPLIANCE	LS			614
ANTITERRORISM (AT/FP) MEASURES	LS			461
SUPPORTING FACILITIES				**6,575**
CANOPIES	LS			66
ELECTRICAL UTILITIES	LS			715
COMMUNICATION UTILITIES	LS			170
WATER/SEWER UTILITIES (Includes storm drainage)	LS			926
MECHANICAL UTILITIES	LS			330
SITE PREPARATION	LS			562
ROADS, SIDEWALKS AND PARKING	LS			600
SITE IMPROVEMENTS	LS			836
AT/FP	LS			294
DEMOLITION	SF	83,853	20.80	1,744
LOW IMPACT DEVELOPMENT	LS			332
ESTIMATED CONTRACT COST				**43,777**
CONTINGENCY PERCENT (5%)				2,189
SUBTOTAL				**45,966**
SUPERVISION, INSPECTION & OVERHEAD (6.5%)				2,988
ENGINEERING DURING CONSTRUCTION (1%)				459
TOTAL REQUEST				**49,413**
EQUIPMENT FROM OTHER APPROPRIATIONS (NON-ADD)				3,607

10. DESCRIPTION OF PROPOSED CONSTRUCTION:

Construct a multi-story elementary school composed of poured concrete, reinforced concrete/steel structure and stucco exterior. Interior construction will consist of plastered reinforced concrete walls, masonry and movable/operable partition walls. Interior spaces include: neighborhoods, studios, learning hubs, learning impaired rooms, staff collaboration areas, flex laboratories, art classrooms, kiln room, music rooms, occupational therapy/physical therapy room, shared commons space, performance space, stage, information center, gymnasium, kitchen/serving area, administrative offices, health center, guidance offices, meeting rooms, mechanical rooms, restrooms, halls, computer network areas, storage rooms, utility rooms, and other required areas for a fully functioning school. Commons areas (dining, performance, food service, and information center) were sized for the future school population.

Construct a multi-story parking structure composed of poured concrete, reinforced concrete/steel structure and finished exterior. Interior construction will consist of reinforced concrete walls, open parking bays, stairwells, ramps, and other required areas for a fully functioning parking structure. The parking structure is sized for 160 personally operated vehicles (POV's).

Construct a storage building, composed of poured concrete foundations, concrete slabs, concrete, steel, or wood supporting structures; masonry and brick or wood walls. Interior construction may consist of gypsum board partitions

1. COMPONENT DoDEA	FY 2016 MILITARY CONSTRUCTION PROJECT DATA	2. Date February 2015

3. INSTALLATION AND LOCATION	4. PROJECT TITLE:
PATCH BARRACKS, USAG STUTTGART, GERMANY	Patch Elementary School Replacement

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
	73046	EU00051	49,413

or other interior wall systems as appropriate for storage use. Interior space shall provide an enclosed dry space for storing landscape equipment and building maintenance items that do not require special security or controlled environment storage.

Site improvements include bus loading and unloading areas, student drop-off area, parking for staff and visitors, delivery areas, playgrounds, exterior lighting, and recreation areas, signage, fencing, paving and parking areas for staff and visitors, exterior lighting, covered walkways, and landscaping.

The project includes related infrastructure such as water, sewer, storm drainage, and electrical service.

The project will require the demolition of 1 building for a total of approximately 83,853 SF.

Sustainable principles will be maximized in the design, development, and construction of the project in accordance with Executive Order 13123 and other applicable laws and executive orders. Energy conservation and environmentally safe measures will be incorporated in this project wherever feasible, practical, or required by regulation. Energy and natural resource conservation measures will be maximized in the design to the extent possible. In accordance with USGBC Leadership in Energy and Environmental Design (LEED) for Schools, Silver certified is required.

This facility will be designed in accordance with DoDEA Education Facilities Specifications, Americans with Disabilities Act (ADA) Accessibility Guidelines/Architectural Barriers Act (ABA), National Fire Protection Association (NFPA) Life Safety Code, Standards of Seismic Safety for Federally Owned Buildings, and energy and water conservation standards, as well as U.S. Federal and host nation environmental laws and regulations.

Air Conditioning Load: 17 tons

11. REQUIREMENT: 114,422 SF ADQT: 0 SF SUBSTD: 83,853 SF

PROJECT:

Replace the existing elementary school facility by constructing a new elementary school facility.

REQUIREMENT:

The new school is required to provide adequate academic facilities for 551 students in grades Pre-Kindergarten through 5th. School population based on 2018 enrollment year.

CURRENT SITUATION:

The current elementary school is a 83,853 SF facility that was originally constructed in 1980. The school has a poor quality facility condition rating; it is more economical to replace than to repair. The facility does not meet the DoDEA's Education Facilities Specifications to include undersized classrooms and the current number and layouts of the facilities have resulted in the loss of academic operational efficiencies. The facility does not meet current AT/FP, ADA, and NFPA codes and does not meet current federal energy and sustainability mandates.

IMPACT IF NOT PROVIDED:

The continued use of deficient, inadequate, and undersized facilities that do not accommodate the current student population and will continue to impair the overall education program for students. 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 not replaced. The following systems are

1. COMPONENT DoDEA	FY 2016 MILITARY CONSTRUCTION PROJECT DATA	2. Date February 2015

3. INSTALLATION AND LOCATION	4. PROJECT TITLE:
PATCH BARRACKS, USAG STUTTGART, GERMANY	Patch Elementary School Replacement

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
	73046	EU00051	49,413

expired or are failing and in need of replacement; electrical service, distribution and branch circuits, casework, ceiling finishes, elevator, emergency lights, exit lights, exterior doors and windows, fire alarm system, floor finishes, heating system, intercom system, interior doors and hardware, kitchen equipment, LAN, lighting, plumbing piping, roof, toilet partitions/accessories and wall finishes.

ADDITIONAL:

This project has been coordinated with the installation physical security plans and all AT/FP measures are included.

Economic Alternatives:

All known alternatives were considered during the development of this project. No other option could meet the mission requirements; therefore, no economic analysis was needed or performed.

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

12. Supplemental Data:

Site Approval: YES [X] Obtained Date: October 2014

No [ ] Expected Date:

Issues: (state no issue or explain the issue)

a. DDESAB, AICUZ, Airfield, EMR, or wetlands – No Issues
b. Endangered species/sensitive habitat– No Issues
c. Air quality – No Issues
d. Cultural/archeological resources – No Issues
e. Clearing of trees – Clearing of trees will be required
f. Known contamination at selected site – No Issues
g. Operational problems – No Issues
h. Traffic patterns impact – No Issues
i. Existing utilities upgrade – No Issues
j. Ordnance sweep required prior to construction – No Issues

Planning:
Consistent with Installation Master Plan: Yes

Host Nation Approval: NA

National Capital Region Approval: NA

NEPA Documentation Complete: Y
Level of NEPA: Categorical Exclusion

1. COMPONENT DoDEA	**FY 2016 MILITARY CONSTRUCTION PROJECT DATA**	2. Date February 2015

3. INSTALLATION AND LOCATION	4. PROJECT TITLE:
PATCH BARRACKS, USAG STUTTGART, GERMANY	Patch Elementary School Replacement

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
	73046	EU00051	49,413

Mitigation Issues:

a. Wetlands replacement/enhancement – N
b. Hazardous Waste – N
c. Contaminated soil/water – N
d. Other – N

A. Design Data (Estimated):

(1) Status:	
(a) Design Start Date	SEP 2013
(b) Parametric Cost Estimate Used to Develop Costs	YES
(c) Percent of Design Completed as of 1 Jan 2015	15%
(d) Expected 35% Design Date	FEB 2015
(e) 100% Design Completion Date	NOV 2015
(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	4,941
(d) Contract Cost	2,965
(e) In-house	1,976
(4) Construction Contract Award Date	MAR 2016
(5) Construction Start Date	MAY 2016
(6) Construction Completion Date	MAY 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)
Furnishings	O&M	FY18	716
Kitchen	O&M	FY18	414
IT	O&M	FY18	1,061
Education Supplies	O&M	FY18	1,285
Safety Equipment	O&M	FY18	68
Security Equipment	O&M	FY18	63

1. COMPONENT	FY 2016 MILITARY CONSTRUCTION PROGRAM	2. Date
DoDEA		February 2015

3. Installation and Location	4. COMMAND	5. AREA CONSTRUCTION COST INDEX
NAVSTA ROTA SP ROTA,SPAIN	DoDEA	1.45

6. PERSONNEL STRENGTH	PERMANENT			STUDENTS			SUPPORTED			TOTAL
	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	
a. AS OF 31 OCT 2014						639				639
b. END FY 2018						639				639

7. INVENTORY DATA ($000)

TOTAL ACREAGE	0
INVENTORY TOTAL AS OF	0
AUTHORIZATION NOT YET IN INVENTORY	0
AUTHORIZATION REQUESTED IN THIS PROGRAM	13,737
AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM	0
PLANNED IN NEXT THREE PROGRAM YEARS	0
REMAINING DEFICIENCY	0
GRAND TOTAL	13,737

8. PROJECTS REQUESTED IN THIS PROGRAM

CATEGORY CODE	PROJECT TITLE	SCOPE	COST ($000)	DESIGN START	STATUS COMPLETE
73061	Additions Rota Elementary School and High School	24,036 SF	13,737	Dec 2014	May 2018

9. FUTURE PROJECTS

a. INCLUDED IN FOLLOWING PROGRAM
None

b. PLANNED IN NEXT THREE YEARS
None

10. MISSION OR MAJOR FUNCTIONS
Military Dependent Education

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:
None

1. COMPONENT DoDEA	**FY 2016 MILITARY CONSTRUCTION PROJECT DATA**	2. Date February 2015

3. INSTALLATION AND LOCATION	4. PROJECT TITLE:
NAVSTA ROTA, SPAIN	Rota Elementary and High Schools Additions

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
	73061	EU00115	13,737

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
PRIMARY FACILITIES				**8,793**
ELEMENTARY SCHOOL ADDITION (73061)	SF	11,700	361.02	4,224
HIGH SCHOOL ADDITION (73061)	SF	12,336	363.08	4,479
ANTITERRORISM (AT/FP) MEASURES	LS			90
SUPPORTING FACILITIES				**3,376**
SPECIAL CONSTRUCTION FEATURES	LS			130
SITE PREPARATIONS	LS			97
SPECIAL FOUNDATION FEATURES	LS			790
PAVING AND SITE IMPROVEMENTS	LS			1,500
ELECTRICAL UTILITIES	LS			570
MECHANICAL UTILITIES	LS			260
DEMOLITION (Temporary Facilities)	SF	14,600	2.05	29
ESTIMATED CONTRACT COST				**12,169**
CONTINGENCY PERCENT (5%)				608
SUBTOTAL				**12,777**
SUPERVISION, INSPECTION & OVERHEAD (6.5%)				831
ENGINEERING DURING CONSTRUCTION (1%)				129
TOTAL REQUEST				**13,737**
EQUIPMENT FORM OTHER APPRORIATIONS (NON ADD)				388

10. DESCRIPTION OF PROPOSED CONSTRUCTION:

Construct four single - story buildings within the Rota School complex composed of nine (9) classrooms for the High School, four (4) classrooms and three (3) Kindergarten classrooms for the Elementary School. All additions to be composed of a reinforced concrete/steel structure with a stucco exterior to match existing structures within the school complex. All high school and elementary school classrooms will be general purpose-type classrooms and will include all related specifications and requirements for a fully functioning addition. The project includes site improvements such as additional paved Parking, paved Drop-Off area by Elementary School and a new Kindergarten playground area.

The project includes related infrastructure such as water, sewer, electrical, mechanical rooms and emergency access lanes.

This project demolishes all re-locatable structures currently used for classrooms and support spaces for a total of 14,600 SF and restores sites to previous condition.

This project will require demolition of temporary buildings for a total of approximately 14,600 SF.

Sustainable principles will be maximized in the design, development and construction of the project in accordance with Executive Order 13123 and other applicable laws and executive orders. Energy conservation and environmentally safe measures will be incorporated in this project wherever feasible, practical or required by regulation. Energy and natural resource conservation measures will be maximized in the design to the extent possible. In accordance with Leadership in Energy and Environmental Design (LEED) for Schools, Silver certified is required.

Facilities will be designed in accordance with DoDEA Education Facilities Specifications, Americans with Disabilities Act (ADA) Accessibility Guidelines/Architectural Barriers Act (ABA), National Fire Protection Association (NFPA)

1. COMPONENT DoDEA	**FY 2016 MILITARY CONSTRUCTION PROJECT DATA**	2. Date February 2015

3. INSTALLATION AND LOCATION	4. PROJECT TITLE:
NAVSTA ROTA, SPAIN	Rota Elementary and High Schools Additions

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
	73061	EU00115	13,737

Life Safety Code, Standards of Seismic Safety for Federally Owned Buildings, and energy and water conservation standards.

Air Conditioning Load: 87 Tons

11. REQUIREMENT: 220,862 SF ADQT: 196,826 SF SUBSTD: 14,600 SF

PROJECT:
Construct classroom additions to the existing Elementary and High Schools.

REQUIREMENT:

This project replaces nine re-locatable structures for high school, four re-locatable structures for elementary school and Three re-locatable structures for kindergarten. These structures are to be constructed to meet new classroom requirements resulting from the force structure changes at Rota, Spain beginning in 2014. The additions are required to provide adequate academic facilities for 133 ES students and 189 HS students.

CURRENT SITUATION:

Nine re-locatable structures for high school, four for elementary and three for kindergarten are in place to address student population increases as a result of Navy force structure changes. These trailers must be removed from the site and a permanent solution must be in place as re-locatable structures are not suitable for long-term use as classrooms.

IMPACT IF NOT PROVIDED:

The continued use of deficient, inadequate, and undersized facilities that do not accommodate the current student population will continue to impair the overall education program for students. 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. Temporary structures will have to be used for the long-term. These structures deteriorate rapidly and are expensive to operate and maintain.

ADDITIONAL:
This project has been coordinated with the installation physical security plans and all AT/FP measures are included.

Economic Alternatives:

All known alternatives were considered during the development of this project. No other option could meet the mission requirements; therefore, no economic analysis was needed or performed.

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.

1. COMPONENT DoDEA	**FY 2016 MILITARY CONSTRUCTION PROJECT DATA**	2. Date February 2015

3. INSTALLATION AND LOCATION	4. PROJECT TITLE:
NAVSTA ROTA, SPAIN	Rota Elementary and High Schools Additions

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
	73061	EU00115	13,737

DoDEA POC (571) 372-1405

12. Supplemental Data:

Site Approval: Yes [X] Obtained Date: 12/18/14

No [ ] Expected Date:

Issues: (no issues)

a. DDESB, AICUZ, Airfield, EMR, or wetlands – Project requires blast overpressure analysis
b. Endangered species/sensitive habitat – No issue
c. Air quality – No issue
d. Cultural/archeological resources – No issue
e. Clearing of trees – No issue
f. Known contamination at selected site – No issue
g. Operational problems – No issue
h. Traffic patterns impact – No issue
i. Existing utilities upgrade – No issue
j. Ordnance sweep required prior to construction – No issue

Planning:
Consistent with Installation Master Plan: Yes

Host Nation Approval: Country, Approval Date: 07/2014

National Capital Region Approval: N/A

NEPA Documentation Complete: Yes
Level of NEPA: Categorical Exclusion

Mitigation Issues:

a. Wetlands replacement/enhancement – NO
b. Hazardous Waste – NO
c. Contaminated soil/water – NO
d. Other – NO

A. Design Data (Estimated):

(1) Status:

(a) Design Start Date	December 2013
(b) Parametric Cost Estimate Used to Develop Costs	03/2015
(c) Percent of Design Completed as of 1 Jan 2015	15%
(d) Expected 35% Design Date	06/2015
(e) 100% Design Completion Date	08/2015
(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

1. COMPONENT DoDEA	**FY 2016 MILITARY CONSTRUCTION PROJECT DATA**	2. Date February 2015
3. INSTALLATION AND LOCATION NAVSTA ROTA, SPAIN	4. PROJECT TITLE: Rota Elementary and High Schools Additions	

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
	73061	EU00115	13,737

(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	1,374
(d) Contract	824
(e) In-house	550
(4) Construction Contract Award Date	MAR 2016
(5) Construction Start Date	MAY 2016
(6) Construction Completion Date	MAY 2018

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	2017	162
IT	O&M	2017	226

Missile Defense Agency
FY 2016 MilitaryConstruction, Defense-Wide
($ in Thousands)

State/Installation/Project	Authorization Request	Approp. Request	New/ Current Mission	Page No.
Poland				
Redzikowo Base				
Aegis Ashore Missile Defense System Complex	169,153	169,153	N	128
Total	**169,153**	**169,153**		

1. COMPONENT	FY 2016 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
MDA		Feb 2015

3. INSTALLATION AND LOCATION	4. COMMAND	5. AREA CONSTR. COST INDEX
Redzikowo Base, Poland	Missile Defense Agency	0.97

6. PERSONNEL	PERMANENT			STUDENTS			SUPPORTED			
STRENGTH:	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	TOTAL
N/A: Tenant of U.S. Navy										

7. INVENTORY DATA ($000)

A. TOTAL ACERAGE	.....	N/A
B. INVENTORY TOTAL AS OF	.....	N/A
C. AUTHORIZATION NOT YET IN INVENTORY	.....	0
D. AUTHORIZATION REQUESTED IN THE FY2016	.....	169,153
E. AUTHORIZATION REQUESTED IN THE FY2017	.....	0
F. PLANNED IN NEXT THREE PROGRAM YEARS	.....	0
G. REMAINING DEFICIENCY	.....	0
H. GRAND TOTAL.	.....	169,153

8. PROJECTS REQUESTED IN THE FY2016 PROGRAM:

CATEGORY CODE	PROJECT TITLE	SCOPE	COST ($000)	DESIGN STATUS START	DESIGN STATUS COMPLETE
1456	Aegis Ashore Missile Defense System Complex	1 EA	169,153	Apr 14	Apr 15

9. FUTURE PROJECTS:

CATEGORY CODE	PROJECT TITLE	SCOPE	COST ($000)

10. MISSION OR MAJOR FUNCTIONS: The mission of the Missile Defense Agency (MDA) is to develop and field an integrated, layered Ballistic Missile Defense System (BMDS) to defend the United States, our deployed forces, allies, and friends against all ranges of enemy ballistic missiles in all phases of flight. The Aegis Ashore facility supports fulfilling the European Phased Adaptive Approach (EPAA) Phase III requirement for regional ballistic missile defense against medium and intermediate range threats to European Allies and deployed troops.

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:

A. Air Pollution:	N/A
B. Water pollution:	N/A
C. Occupational safety and health (OSH):	N/A

DD FORM 1390

1. COMPONENT	FY 2016 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
MDA		Feb 2015

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
Redzikowo Base, Poland	Aegis Ashore Missile Defense System Complex

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
0603892C	1456	MDA 640	169,153

9. COST ESTIMATES

ITEM	U/M (M/E)	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITIES				81,330
Launch Area Infrastructure (14945)	EA	3	420,246	(1,261)
HEMP Radar Support Building (89009)	m2 (SF)	2,703 (29,100)	10,802 (1,004)	(29,203)
Deckhouse Area Foundation	LS			(1,480)
Special Construction	LS			(6,101)
Installed Equipment	LS			(2,421)
HEMP Power Infrastructure	LS			(28,200)
50Hz Backup Power Generation Equip	LS			(3,372)
Missile Storage Facility (42172)	m2 (SF)	111 (1,200)	2,396 (223)	(267)
Communications Equipment Pad (93210)	m2 (SF)	1,301 (14,000)	161 (15)	(210)
Secure Warehouse (44120)	m2 (SF)	234 (2,520)	3,587 (333)	(840)
Entry Control Facility (73025)	m2 (SF)	260 (2,800)	5,831 (541)	(1,516)
Sec Fence/Lighting/ESS (81240/87211)	m (LF)	12,192 (40,000)	493 (150)	(6,016)
Fuel System and Storage Fac (41130)	BL (GA)	4,127 (130,000)	107 (3)	(443)
SUPPORTING FACILITIES				69,936
Site Electrical	LS			(1,791)
Power (50Hz) distribution	LS			(19,558)
HEMP Power Distribution ductbank	LS			(11,560)
Water, Sewer, Gas	LS			(3,276)
Water Supply Building and Storage	LS			(4,736)
Site Improvement/Demo	LS			(8,147)
Pavements & Walks	LS			(6,068)
Information/Communication Systems	LS			(4,901)
Antiterrorism/Force Protection	LS			(1,433)
Temporary Infrastructure Mob/Demob	LS			(8,466)
SUBTOTAL				151,266
CONTINGENCY (5.00%)				7,563
TOTAL CONTRACT COST				158,829
SIOH (6.50%)				10,324
TOTAL REQUEST				169,153
TOTAL ROUNDED REQUEST				169,153
INSTALLED EQUIPMENT-OTHER APPROP				(402,079)

10. DESCRIPTION OF PROPOSED CONSTRUCTION: This project constructs the second operational Aegis Ashore Missile Defense System site utilizing the Aegis shipboard weapon system; launcher, radar, and command and control components. The first site was constructed in Romania. The Poland site will consist of three Mark-41 launcher foundations, aprons and crane pads; Radar Deckhouse foundation and a reconstitutable High-Altitude Electromagnetic Pulse (HEMP) protected Aegis Radar Deckhouse Support Building; 4MW of HEMP protected backup power, with a redundant N+2 capacity using relocatable generators, switchgear and transformer components; HEMP protected power distribution system; communications equipment pad; missile storage facility; secure warehouse; 120,000 gallon diesel fuel storage for backup generators; 10,000 gallon diesel fuel storage tank and fuel truck offload facility; two 100,000 gallon fire water storage tanks and suppression pumps; entry control facility; electronic security system infrastructure; site boundary and restricted area security fencing, gates, patrol roads, and access paving.

1. COMPONENT	FY 2016 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
MDA		Feb 2015

3. INSTALLATION AND LOCATION
Redzikowo Base, Poland

4. PROJECT TITLE:	5. PROJECT NUMBER
Aegis Ashore Missile Defense System Complex	MDA 640

10. DESCRIPTION OF PROPOSED CONSTRUCTION: (cont)

Supporting facilities include overall site development: electrical services; water; sewer; paving; walks; storm drainage; fire protection and alarm systems; site improvements and demolition; telecommunication point of presence and information management systems. The project also includes a sewage lift station; water supply wells; water treatment plant; and a 40,000 gallon potable water storage tank. Access for handicapped will be provided. Temporary infrastructure will support mobilization, site activation, construction oversight, and equipment installation.

The launcher pads, radar deckhouse, and deckhouse support building foundations include special features to meet technical stability requirements and fill material to provide positive drainage away from facilities.

Special construction includes lightning protection, equipment grounding systems, and Electromagnetic Interference (EMI) shielding and testing in mission support areas. The radar deckhouse and support building will receive Nuclear/Biological/Chemical protection.

Installed equipment includes special flooring, redundant mechanical and electrical systems, uninterruptable power system and electronic controls to monitor building systems and the base infrastructure.

11. REQUIREMENT: 1 EA ADEQUATE: None SUBSTANDARD: None

PROJECT: Construct a new Aegis Ashore Missile Defense System Complex in Poland. (New Mission)

REQUIREMENT: This project is required to provide added regional ballistic missile defense through the European Phased Adaptive Approach Phase III against medium and intermediate range ballistic missile threats to European Allies and deployed troops.

CURRENT SITUATION: In keeping with the 17 September 2009 announcement by the President of the United States, this project is necessary to provide the European Phased Adaptive Approach of a land-based Aegis ballistic missile defense system configuration with additional capability in Poland by 2018.

IMPACT IF NOT PROVIDED: If this project is not provided, Aegis Ashore capability will not be deployed in Poland by 2018, and the Phased Adaptive Approach Phase III timeline to deploy additional land-based Aegis ballistic missile defense capability in Europe, as announced by the President of the United States, will not be met.

ADDITIONAL INFORMATION: The Navy is programming a parallel related project (FY16 Navy Worldwide P500, Aegis Ashore Missile Defense Complex) that will provide Base Operations Support for this Aegis Ashore Missile Defense System site. The Navy funded project will include living, dining, and recreation space for site personnel as well as central security control, administration, medical treatment, fire station, and base maintenance and warehouse space.

Extension of upgraded commercial power to the site will be acquired during site activation, funded with other appropriations, and provided in accordance with applicable Defense Federal Acquisition Regulations (DFARs) for utility service contracts.

Site activation requirements for site security and material surveillance will be RDT&E funded.

1. COMPONENT	FY 2016 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
MDA		Feb 20

3. INSTALLATION AND LOCATION	
Redzikowo Base, Poland	
4. PROJECT TITLE: Aegis Ashore Missile Defense System Complex	**5. PROJECT NUMBER** MDA 640

11. REQUIREMENT: (cont)

The reconstitutable Radar Deckhouse will be fabricated, erected and tested as a Procurement effort on the deckhouse foundation and integrated into the deckhouse support infrastructure on site.

Cost estimates were derived based on similar designed facilities that are being constructed at the initial Aegis Ashore complex at Deveselu, Romania, and at the Pacific Missile Range Facility, HI. This project is being coordinated with the appropriate physical security plans. Required physical security and/or anti-terrorism and force protection measures will be included. All requirements of Executive Order 12114, Environmental Effects Abroad of Major Federal Actions, will be completed prior to construction start.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data

(1) Status:	
(a) Date Design Started	Apr 2014
(b) Percent Complete As Of January 2015	65%
(c) Date 35% Design Complete	Aug 2014
(d) Date Design Complete	Apr 2015
(e) Parametric Cost Estimating Used To Develop Cost	No
(f) Type of Design Contract	Design-Bid-Build
(2) Basis:	
(a) Standard or Repetitive Design	Yes
(b) Where Design Was Most Recently Used	Deveselu, Romania
(3) Total Design Cost (c) = (a)+(b) or (d)+(e)	($000)
(a) Production of Plans and Specifications	9,500
(b) All Other Design Costs	6,300
(c) Total Design Costs	15,800
(d) Contract	11,060
(e) In-House	4,740
(4) Contract Award	Jan 2016
(5) Construction Start	Apr 2016
(6) Construction Completion	Apr 2018

1. COMPONENT	FY 2016 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
MDA		Feb 2015

3. INSTALLATION AND LOCATION	
Redzikowo Base, Poland	
4. PROJECT TITLE: Aegis Ashore Missile Defense System Complex	**5. PROJECT NUMBER** MDA 640

12. SUPPLEMENTAL DATA: (cont)

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

Equipment Nomenclature	Appropriation	FY Appropriated or Requested	Cost $(000)
Aegis Weapon System Equipment	Procurement	FY14/15	241,800
Aegis Ashore Launch Equipment	Procurement	FY15	36,000
Non-Mission Communications Equipment	Procurement	FY15/16	3,800
Mission Communications Equipment	Procurement	FY15/16	8,500
Command and Control Equipment	Procurement	FY14/15	27,000
Ancillary Equipment	Procurement	FY15/16	41,500
		SUB-TOTAL	358,600
Extension of Commercial Power	RDT&E	FY15/16	4,700
Site Activation Facilities (Equipment)	RDT&E	FY15	3,705
		SUB-TOTAL	8,405
Reconstitutable Deckhouse			
Deckhouse Procurement	Procurement	FY15	24,584
Deckhouse Install in Poland	Procurement	FY15/16	10,490
		SUB-TOTAL	35,074
		TOTAL:	402,079

National Security Agency
Military Construction, Defense-Wide
($ in Thousands)

State/Installation/Project	Authorization Request	Approp. Request	New/ Current Mission	Page No.
Maryland				
Fort Meade				
NSAW Campus Feeders Phase 2	33,745	33,745	C	135
NSAW Recapitalization Building #2 Incr 1	782,332	34,897	C	137
Total	**816,077**	**68,642**		

1. COMPONENT	FY 2016 MILITARY CONSTRUCTION PROGRAM	2. DATE
NSA/CSS DEFENSE		February 2015
3. INSTALLATION AND LOCATION	**4. COMMAND**	**5. AREA CONSTRUCTION COST INDEX**
FT. George G. Meade, Maryland	NSA/CSS	1.02

6. PERSONNEL STRENGTH	PERMANENT			STUDENTS			SUPPORTED			TOTAL
IC Community Installation	OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV	
CLASSIFIED				CLASS	IFIED					

7. INVENTORY DATA ($000)

A. TOTAL ACREAGE	0
B. INVENTORY TOTAL AS OF DEC 2014	0
C. AUTHORIZED NOT YET IN INVENTORY	0
D. APPROPRIATION REQUESTED IN THIS PROGRAM	68,642
E. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM	213,158
F. PLANNED IN NEXT THREE YEARS	1,049,964
G. PLANNING AND DESIGN COST	0
H. REMAINING DEFICIENCY	0
I. GRAND TOTAL	1,331,764

8. PROJECTS REQUESTED IN THIS PROGRAM:

CATEGORY CODE	PROJECT NUMBER	PROJECT TITLE	COST ($000)	DESIGN START	DESIGN COMPLETE
81242	31066	NSAW Campus Buildings Feeders Phase 2 (FY16)	33,745	OCT 2013	DEC 2014
14162	30583	NSAW Recapitalization Building #2, Incr 1 (FY16)	34,897	MAY 2014	OCT 2015*

9. FUTURE PROJECTS:

a. INCLUDED IN FOLLOWING PROGRAM (FY17)

CATEGORY CODE	PROJECT NUMBER	PROJECT TITLE	COST ($000)
81242	31067	NSAW Campus Buildings Feeders Phase 3 (FY17)	18,410
14162	30583	NSAW Recapitalization Building #2, Increment 2 (FY17)	194,748

b. PLANNED IN NEXT THREE YEARS (FY18-20)

CATEGORY CODE	PROJECT NUMBER	PROJECT TITLE	COST ($000)
14162	30583	NSAW Recapitalization Building #2, Increment 3 (FY18)	314,150
61050	32122	Vehicle Control Inspection Facility (VCIF)/Vehicle Control Points (VCPs)(FY18)	41,681
14162	30583	NSAW Recapitalization Building #2, Increment 4 (FY19)	238,537
14162	32546	NSAW Recapitalization Building #3, Increment 1 (FY19)	83,274
85110	32772	NSAW VMS North/South Connectors (FY 20)	138,511
61050	32123	Vehicle Control Inspection Facility (VCIF)/ Vehicle Control Points (VCPs) (FY20)	34,794
14162	32546	NSAW Recapitalization Building #3, Increment 2 (FY20)	199,017

Footnote:
*RFP completion date

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:

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

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1. Component	FY 2016 MILITARY CONSTRUCTION PROJECT DATA	2. Date
NSA/CSS DEFENSE		February 2015

3. Installation and Location	4. Project Title
Ft. George G. Meade, Maryland	NSAW CAMPUS BUILDINGS FEEDERS PHASE 2

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
	81242	31066	$33,745

9. Cost Estimates

Item	U/M	Quantity	Unit Cost	Cost
PRIMARY FACILITIES				-
N/A				
SUPPORTING FACILITIES				**28,483**
Electrical Ductbanks	LS			(13,298)
Electrical Feeders and Components	LS			(11,429)
Existing Feeders Removal	LS			(99)
Site Work	LS			(3,128)
Decommissioning (Generator/Fuel Tanks/Associated Components)	LS			(529)
TOTAL CONSTRUCTION COST				**28,483**
Contingency				2,849
Subtotal				31,332
SIOH (5.7%)				1,786
Design During Construction				627
Total Project Cost				33,745
TOTAL PROJECT COST				**33,745**

10. DESCRIPTION OF PROPOSED CONSTRUCTION: The proposed construction provides a new campus electrical distribution system comprised of new ductbanks, manholes, and medium voltage power feeders. Load interrupter switches, which eliminate medium voltage feeder splices, will be installed at the point of connection for the buildings on the NSAW Central Campus. In addition, automatic circuit breaker and other electrical components will be installed in support of the proposed electrical configuration. Construction also requires, storm water management, erosion and sediment control, as well as demolition and restoration of roadways, parking lots, landscaping, fences, and other site features impacted by this work. In addition, back-up generators, which will no longer be required, will be decommissioned and removed with their associated fuel storage tanks, delivery systems, and ancillary equipment. The back-up generation will be provided from a different source. Some existing ductbanks and manholes are planned to be abandoned in place; but existing feeders will be removed.

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11. REQUIREMENT: 13.8 KV – 500-750 kcmil feeders – Ductbanks with 6” Conduits
SUBSTANDARD: 13.8 KV – 350-500 kcmil feeders – Ductbanks with 3”, 4”, and 5” Conduits
ADEQUATE: None

PROJECT: NSAW Campus Buildings Feeders – Central Campus (Phase II): Construction to replace all existing ductbanks and medium voltage power feeders. In addition, decommission back-up generators along with their associated fuel storage tanks and associated components.

REQUIREMENT: To improve the reliability of the prime and emergency electrical power infrastructure required to support current and future mission needs, the NSAW campus is upgrading its power infrastructure with two new Primary Substations (PSs) and new upgraded Secondary Unit Substations (SUSs) in all of the major NSAW buildings. The new ductbanks will provide larger diameter conduit to accommodate the required larger medium voltage power feeders. The larger feeders, and new ductbanks configuration, load interrupter switches, automatic circuit breaker, and other electrical components; will allow for a complete and flexible distribution while minimizing feeder splices and their associated vulnerabilities. The decommissioning of the back-up generators will include the decommission and removal of the above and underground fuel storage tanks, fuel pump, fuel pipe lines, and remediation of hazardous material (i.e., coolant, solvents, cleaners, asbestos containing material (ACM), lead-containing material (LCM), etc) as required.

1. Component	FY 2016 MILITARY CONSTRUCTION PROJECT DATA		2. Date
NSA/CSS DEFENSE			February 2015
3. Installation and Location		**4. Project Title**	
Ft. George G. Meade, Maryland		NSAW CAMPUS BUILDINGS FEEDERS PHASE 2	
5. Program Element	**6. Category Code**	**7. Project Number**	**8. Project Cost ($000)**
	81242	31066	**$33,745**

CURRENT SITUATION: The existing underground electrical ductbanks and manholes are more than 30 years old, and the power feeders are undersized for current and projected power loads. The existing conduits will not be able to accommodate the new, larger cable size requirements.

IMPACT IF NOT PROVIDED: As the NSAW campus electrical loads increase to meet demand, the risks of unplanned outages resulting from excessive thermal loading poses a risk to the undersized, aging campus electrical distribution ductbank, conduits, and medium voltage power feeders. As power requirements continue to increase, any form of unplanned power outages will pose a serious threat to the NSAW mission. If this project is not provided, NSAW will be operating under progressively reduced levels of power reliability.

12. SUPPLEMENTAL DATA:

1. Status

(a) Design Start:	October 2013
(b) Design 35% Complete:	January 2014
(c) Design 100% Complete:	December 2014
(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 (c) = (a) + (b) or (d) + (e) ($000)

(a) Production of plans and specifications	$2,000
(b) All other design costs	$0
(c) Total design cost (c) = (a) + (b) or (d) + (e)	$2,000
(d) Contract	$2,000
(e) In house	N/A

4. Construction Contract Award:	March 2016
5. Construction Start Date:	May 2016
6. Construction Completion Date:	May 2018
7. Total Project Cost:	$33,745

Additional Information:

- Phase I: NSAW Campus Buildings Feeder – North Campus (FY15 - $54,207)
- Phase II: NSAW Campus Buildings Feeder – Central Campus (FY16 - $33,745)
- Phase III: NSAW Campus Buildings Feeder – South Campus (FY17 - $18,410)

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1. Component	FY 2016 MILITARY CONSTRUCTION PROJECT DATA	2. Date
NSA/CSS DEFENSE		February 2015

3. Installation and Location	4. Project Title
FT. George G. Meade, Maryland	NSAW RECAPITALIZATION BUILDING #2, INCREMENT 1

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000) $782,332
	14162	30583	Authorization FY16: $782,332 Appropriation FY16: $34,897

9. Cost Estimate

Item	U/M	Quantity	Unit Cost	Cost ($000)
PRIMARY FACILITY				**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				**210,000**

10. DESCRIPTION OF PROPOSED CONSTRUCTION: Construct a new Operations Facility of approximately 898,382 GSF for approximately 3,000 personnel including supporting facilities with associated site work and environmental measures. The facility will be built on the National Security (NSA) East Campus at Fort George G. Meade, MD. The FY16 authorized amount represents the entire funding required to execute this MILCON project. The FY16 appropriation represents the first 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	FY 2016 MILITARY CONSTRUCTION PROJECT DATA	2. Date
NSA/CSS DEFENSE		February 2015

3. Installation and Location	4. Project Title
FT. George G. Meade, Maryland	NSAW Recapitalization Building #2, INCREMENT 1

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000) $782,332
	14162	30583	Authorization FY16: $782,332 Appropriation FY16: $34,897

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 on/inside 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 Antiterrorism Force Protection (ATFP) 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).

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1. Component	FY 2016 MILITARY CONSTRUCTION PROJECT DATA		2. Date
NSA/CSS DEFENSE			February 2015
3. Installation and Location			**4. Project Title**
FT. George G. Meade, Maryland			NSAW Recapitalization Building #2, INCREMENT 1
5. Program Element	**6. Category Code**	**7. Project Number**	**8. Project Cost ($000) $782,332**
	14162	30583	Authorization FY16: $782,332
			Appropriation FY16: $34,897

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. Stormwater 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	FY 2016 MILITARY CONSTRUCTION PROJECT DATA	2. Date
NSA/CSS DEFENSE		February 2015

3. Installation and Location	4. Project Title
FT. George G. Meade, Maryland	NSAW Recapitalization Building #2, INCREMENT 1

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000) $782,332
	14162	30583	Authorization FY16: $782,332 Appropriation FY16: $34,897

12. SUPPLEMENTAL DATA:

1. Status

A. Design start date:	MAY 2014
B. Percent complete as of 22 DEC 2014	15%
C. Type of design contract:	Design/Build

2. Basis

A. Standard or definitive design:	No
B. Where design was most recently used:	N/A
C. Percentage of design utilizing standard design:	N/A

3. Total Cost (C) = (a) + (b) or (d) + (e) ($000)

(a) Production of plans and specs:	$31,450
(i) Design Build RFP – P&D	$ 3,700
(ii) Design Build Design – MILCON	$27,750
(b) All other design cost:	$0
(c) Total design cost (C) = (a) + (b) OR (d) + (e):	$31,450
(d) Contract Architect-Engineer Design Cost, Estimated	$31,450
(e) In-house Design Cost Plus Architect Engineer Contract Supervision and Administration Cost \ Government Forces Design Cost, Estimated	$0

a.	Construction Contract Award:	July 2016
b.	Construction Start Date:	Sept 2016
c.	Construction Completion Date	Sept 2020

Additional Information:

- FY16 Increment 1: $ 34,897
- FY17 Increment 2: $194,748
- FY18 Increment 3: $314,150
- FY19 Increment 4: $238,537

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U.S. Special Operations Command
FY 2016 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 Combat Service Support Facility	10,181	10,181	C	144
SOF Performance Resiliency Center-West	10,371	10,371	C	147
Naval Base Coronado				
SOF Logistics Support Unit One Ops Facility # 2	47,218	47,218	C	152
Colorado				
Fort Carson				
SOF Language Training Facility	8,243	8,243	C	156
Florida				
Eglin Air Force Base Auxiliary Field #9/ Hurlburt Field				
SOF Fuel Cell Maintenance Hangar	17,989	17,989	C	160
MacDill Air Force Base				
SOF Operational Support Facility	39,142	39,142	C	164
Kentucky				
Fort Campbell				
SOF Company HQ/Classrooms	12,553	12,553	C	168
New Mexico				
Cannon Air Force Base				
SOF Squadron Operations Facility	11,565	11,565	C	172
SOF ST Operational Training Facilities	13,146	13,146	C	176
North Carolina				
Marine Corps Base Camp Lejeune				
SOF Combat Service Support Facility	14,036	14,036	C	180
SOF Marine Battalion Company/Team Facilities	54,970	54,970	C	183

U.S. Special Operations Command
FY 2016 Military Construction, Defense-Wide
($ In Thousands)

State/Installation/Project	Authorization Request	Approp. Request	New/ Current Mission	Page No.
Fort Bragg				
SOF 21STS Operations Facility	16,863	16,863	C	187
SOF Indoor Range	8,303	8,303	C	191
SOF Special Tactics Facility (PH 2)	43,887	43,887	C	194
SOF Battalion Operations Facility	38,549	38,549	C	199
SOF Intelligence Training Center	28,265	28,265	C	202
Virginia				
Joint Expeditionary Base Little Creek-Fort Story				
SOF Applied Instruction Facility	23,916	23,916	C	206
Japan				
Kadena Air Base				
Airfield Pavements	37,485	37,485	C	210
CONUS Classified				
Operations Support Facility	20,065	20,065	C	213
Total	**456,747**	**456,747**		

1. COMPONENT	FY 2016 MILITARY CONSTRUCTION PROGRAM	2. DATE
USSOCOM		FEB 2015

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 14	74	677	7	0	0	0	0	0	0	758
B. END FY 20	87	834	18	0	0	0	0	0	0	939

7. INVENTORY DATA ($000)

A. TOTAL AREA (ACRES)	126,749
B. INVENTORY TOTAL AS OF SEP 14	44,430
C. AUTHORIZATION NOT YET IN INVENTORY (FY 12-15)	25,532
D. AUTHORIZATION REQUESTED IN THIS PROGRAM (FY 16)	20,552
E. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM (FY17)	0
F. PLANNED IN NEXT THREE YEARS (FY 18-20)	19,345
G. REMAINING DEFICIENCY	0
H. GRAND TOTAL	109,859

8. PROJECTS REQUESTED IN THIS PROGRAM:

CATEGORY CODE	PROJECT TITLE	SCOPE	COST ($000)	DESIGN STATUS START	DESIGN STATUS COMPLETE
214	SOF COMBAT SERVICE SUPPORT FACILITY	2,251 SM (24,220 SF)	10,181	10/14	9/15
171	SOF PERFORMANCE RESILIENCY CENTER – WEST	1,858 SM (20,000 SF)	10,371	10/14	9/15

9. FUTURE PROJECTS

CATEGORY CODE	PROJECT TITLE	SCOPE	COST ($000)
a. Included in Following Program (FY17):			
b. Planned Next Three Years (FY18-20):			
143	SOF EOD FACILITY – WEST	550 SM (5,920 SF)	2,103
143	SOF MARINE BATTALION COMPANY/TEAM FACILITIES	2,323 SM (25,000 SF)	9,958
214	SOF MOTOR TRANSPORT FACILITY EXPANSION	1,701 SM (18,300SF)	7,284

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	FY2016 MILITARY CONSTRUCTION PROJECT DATA	2. Date
USSOCOM		FEB 2015

3. Installation and Location/UIC:	4. Project Title:
MARINE CORPS BASE CAMP PENDLETON, CALIFORNIA	SOF COMBAT SERVICE SUPPORT FACILITY

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
1140494BB	214	P1126	10,181

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
PRIMARY FACILITIES				6,648
COMBAT SERVICE SUPPORT FACILITY (CC 21453)(24,220 SF)	SM	2,251	2,880	(6,483)
BUILT-IN EQUIPMENT	LS	--	--	(70)
OPERATION AND MAINTENANCE SUPPORT INFO (OMSI)	LS	--	--	(20)
SUSTAINABLE DESIGN DEVELOPMENT AND ENERGY ACT 2005 COMPLIANCE	LS	--	--	(75)
SUPPORTING FACILITIES				2,525
SPECIAL CONSTRUCTION FEATURES	LS	--	--	(800)
ELECTRICAL UTILITIES	LS	--	--	(200)
MECHANICAL UTILITIES	LS	--	--	(250)
ENVIRONMENTAL MITIGATION	LS	--	--	(350)
PAVING AND IMPROVEMENTS	LS	--	--	(892)
PASSIVE FORCE PROTECTION MEASURES	LS	--	--	(33)

ESTIMATED CONTRACT COST				9,173
CONTINGENCY (5.0%)				459

SUBTOTAL				9,632
SUPERVISION, INSPECTION AND OVERHEAD (5.7%)				549

TOTAL REQUEST				10,181
TOTAL REQUEST (ROUNDED)				10,181
EQUIPMENT PROVIDED FROM OTHER APPROPRIATIONS				(1,193)

10. Description of Proposed Construction: Construct a Combat Service Support (CSS) Facility for 1st Marine Special Operations Support Battalion (1st MSOSB) Headquarters and Logistics Company, to include paved area and miscellaneous supporting structures/utilities /infrastructure. The facility will be steel framed with masonry veneer over metal studs or CMU construction, reinforced concrete foundation and slab, structural steel framing, steel trusses, and standing seam metal roof. All exterior finishes will conform to the Camp Pendleton Base Exterior Architecture Plan. Construction will include Intermediate Maintenance Activity infrastructure, ground equipment maintenance areas, skylights to maximize natural lighting, hazardous material and battery storage rooms; tool and parts storage, administrative space, operations/planning space (to include a battalion operations center), publications library space, classroom space, showers and lockers. Built-in equipment includes gear storage cages, mezzanine storage, loading docks, compressors, oil-water separators, 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 systems include: plumbing, fire protection, de-humidification, heating/ventilation/air conditioning systems, energy management control systems and direct digital

1. Component	FY2016 MILITARY CONSTRUCTION PROJECT DATA		2. Date
USSOCOM			FEB 2015
3. Installation and Location/UIC: MARINE CORPS BASE CAMP PENDLETON, CALIFORNIA		4. Project Title: SOF COMBAT SERVICE SUPPORT FACILITY	
5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
1140494BB	214	P1126	10,181

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. Sustainable construction features complying with Leadership in Energy and Environmental Design (LEED) Silver certification will be used. This project includes environmental mitigation for natural, cultural and environmental resources, Geospatial Data Surveying/Mapping, and special foundation features for seismic conditions. Air conditioning: 242 kW (69 tons)

11. Requirement: 2,251 SM (24,220 SF) **Adequate:** 0 SM **Substandard:** 0 SM

PROJECT: Construct a headquarters, operations, and maintenance support facility to provide administrative, operational, and maintenance spaces for the west coast-based Combat Service Support organization units of 1st Marine Special Operations Support Battalion (1st MSOSB) 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 Combat Service Support mission of 1st MSOSB 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 (SOF) unique training and operational requirements.

CURRENT SITUATION: Development of the MARSOC Compound is ongoing with both active and planned MILCON projects. Adequate facilities do not currently exist at Camp Pendleton to meet the MARSOC requirements for a CSS headquarters with operations and maintenance space with secure communications. Facilities to support this requirement are necessary to support the CSS structure within MARSOC.

IMPACT IF NOT PROVIDED: MARSOC will not have the facilities to support west coast-based CSS operating elements. MARSOC mission preparation and operations execution could be jeopardized.

ADDITIONAL: No life cycle costs have been calculated at this time. There is no feasible alternative to new construction. Sustainable engineering principles will be integrated into the design, development, and construction of the project in accordance with Executive Order 13423, 10 United States Code 2802 (c), and other applicable laws and executive orders. Anti-terrorism/force protection standards will be incorporated into the design, development, and construction of this facility in accordance with Unified Facilities Criteria 04-010-01, DOD Minimum Anti-terrorism Standards for Buildings dated 9 February 2012 and all applicable updates.

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	FY2016 MILITARY CONSTRUCTION PROJECT DATA	2. Date
USSOCOM		FEB 2015

3. Installation and Location/UIC:	4. Project Title:
MARINE CORPS BASE CAMP PENDLETON, CALIFORNIA	SOF COMBAT SERVICE SUPPORT FACILITY

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
1140494BB	214	P1126	10,181

12. Supplemental Data:

A. Design Data (Estimates)

(1) Status	
(a) Date Design Started	Oct 14
(b) Percent Complete as of January 2015	15%
(c) Date Design 35% Complete	Mar 15
(d) Date Design 100% Complete	Sep 15
(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	118
(c) Total Cost (a + b or d + e)	618
(d) Contract Cost	268
(e) In-House Cost	350
(4) Construction Contract Award Date	Jan 16
(5) Construction Start Date	Mar 16
(6) Construction Completion Date	Mar 18

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	2017	423
Collateral Equipment	PROC, D-W	2017	593
C4I Equipment	O&M, D-W	2017	177

U.S. Marine Corps Forces Special Operations Command
Telephone: (760) 725-9694
(910) 440-0725/0726

1. Component	FY2016 MILITARY CONSTRUCTION PROJECT DATA	2. Date
USSOCOM		FEB 2015

3. Installation and Location/UIC:	4. Project Title:
MARINE CORPS BASE CAMP PENDLETON, CALIFORNIA	SOF PERFORMANCE RESILIENCY CENTER - WEST

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
1140494BB	171	P1320	10,371

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
PRIMARY FACILITIES				6,421
PERFORMANCE RESILIENCY CENTER (CC 17120)(20,000 SF)	SM	1,859	3,349	(6,226)
BUILT-IN EQUIPMENT	LS	--	--	(75)
OPERATION AND MAINTENANCE SUPPORT INFO (OMSI)	LS	--	--	(20)
SUSTAINABLE DESIGN DEVELOPMENT AND ENERGY ACT 2005 COMPLIANCE	LS	--	--	(100)
SUPPORTING FACILITIES				2,924
SPECIAL CONSTRUCTION FEATURES	LS	--	--	(900)
ELECTRICAL UTILITIES	LS	--	--	(200)
MECHANICAL UTILITIES	LS	--	--	(250)
ENVIRONMENTAL MITIGATION	LS	--	--	(500)
PAVING AND IMPROVEMENTS	LS	--	--	(1,042)
PASSIVE FORCE PROTECTION MEASURES	LS	--	--	(32)

ESTIMATED CONTRACT COST				9,345
CONTINGENCY (5.0%)				467

SUBTOTAL				9,812
SUPERVISION, INSPECTION AND OVERHEAD (5.7%)				559

TOTAL REQUEST				10,371
TOTAL REQUEST (ROUNDED)				10,371
EQUIPMENT PROVIDED FROM OTHER APPROPRIATIONS				(1,443)

10. Description of Proposed Construction: Construct a Performance Resiliency Center and miscellaneous supporting structures/utilities/infrastructure. The facility will consist of a single-story concrete masonry unit (CMU) building attached to and matching the headquarters building, structural steel framing, steel trusses and standing seam metal roof, reinforced concrete foundation and slab. All exterior finishes will conform to the Camp Pendleton Base Exterior Architecture Plan. Construction will include skylights to maximize natural lighting, storage, administrative space, publications library space, classroom space, showers and lockers. Special construction features include storm water best management practices, athletic/agility field with track, outside obstacle course. Electrical systems include: primary power distribution, lighting, energy control systems, intrusion detection system, telephone/data switch/server rooms, photovoltaic cells, electrical switch gear, transformers, circuits, and fire alarms. Mechanical systems include: plumbing, fire protection, compressed air, de-humidification, heating/ventilation/air conditioning systems, energy management control systems, and direct digital controls. Information systems include telephone, data, local area network, mass notification and intercom. Site and building utility systems/ connections will include utility distribution systems, traffic control, parking, electrical power, domestic water, fire protection water, sanitary sewer, storm water management, fire alarm, telephone/data communication, fiber optics, and cable television system. Audiovisual requirements

1. Component	FY2016 MILITARY CONSTRUCTION PROJECT DATA		2. Date
USSOCOM			FEB 2015
3. Installation and Location/UIC: MARINE CORPS BASE CAMP PENDLETON, CALIFORNIA		4. Project Title: SOF PERFORMANCE RESILIENCY CENTER - WEST	
5. Program Element: 1140494BB	6. Category Code: 171	7. Project Number: P1320	8. Project Cost ($000): 10,371

will include VTC capability within the assigned conference/classroom. Sustainable construction features complying with Leadership in Energy and Environmental Design (LEED) Silver certification will be used. This project includes environmental mitigation for natural, cultural and environmental resources, Geospatial Data Surveying/Mapping, and special foundation features for seismic conditions. Air conditioning: 200 kW (57 tons)

11. Requirement: 1,859 SM (20,000 SF) **Adequate:** 0 SM **Substandard:** 474 SM

PROJECT: Construct a Performance Resiliency Center to provide spaces for administration, physical performance education and training, and nutrition education to support the Human Performance Initiative activities for west coast based units assigned to U.S. Marine Corps Forces Special Operations Command (MARSOC).

REQUIREMENT: Adequate facilities are required to support the full implementation of USSOCOM Commander's Human Performance Initiative program and U.S. Marine Corps Forces Special Operations Command mission at the Camp Pendleton MARSOC Compound. A facility shortfall remains even as the operational capability and demand placed on the Command continue to evolve. Obtaining adequate facilities is paramount to fully develop the extremely complex and demanding MARSOC capability and to support the Special Operations Forces (SOF) unique training and operational requirements.

CURRENT SITUATION: The current interim facility used by both 1st Marine Special Operations Battalion (MSOB) and 1st Marine Special Operations Support Battalion (MSOSB) is 5,100 square feet and lacks the necessary size to adequately support both battalions. The current interim facility is located within the supply building. As both 1st MSOB and 1st MSOSB grow to full manning levels, the supply bays currently used for the interim performance center will be required for expansion of the supply and logistics operations. Additionally, the current facility is inadequate for both current and future operations with respect to Human Performance programming and initiatives and hampers full implementation of Human Performance Initiative program. The current interim facility lacks drinking water, restrooms and locker room facilities. Additionally, the current interim facility lacks adequate IT infrastructure to support the assigned staff. Due to the inadequacies and restrictions of the assigned interim facilities, only limited aspects of the Human Performance Initiative program are currently being executed.

IMPACT IF NOT PROVIDED: MARSOC mission preparation and execution are jeopardized. MARSOC will be unable to adequately support full implementation and maximum benefit of the Human Performance Initiative. The ability to enhance and achieve a sustained peak physical and mental performance of MARSOC operators is increasingly at risk by not having an appropriate facility to optimize the strength, endurance and conditioning required of special forces operators specific to their mission profiles in preparation for and during recovery from operational periods of exertion and stress in austere environments. Continued use of interim facilities at MARSOC's west coast location is impractical for long term use and inadequate for the personnel assigned, negatively impacting the ability of 1st MSOB and 1st MSOSB to be fully integrated into the SOCOM Human Performance Initiative program.

ADDITIONAL: No life cycle costs have been calculated at this time. Sustainable engineering principles will be integrated into the design, development, and construction of the project in

1. Component	FY2016 MILITARY CONSTRUCTION PROJECT DATA		2. Date
USSOCOM			FEB 2015
3. Installation and Location/UIC: MARINE CORPS BASE CAMP PENDLETON, CALIFORNIA		4. Project Title: SOF PERFORMANCE RESILIENCY CENTER - WEST	
5. Program Element: 1140494BB	6. Category Code: 171	7. Project Number: P1320	8. Project Cost ($000): 10,371

accordance with Executive Order 13423, 10 United States Code 2802 (c), and other applicable laws and executive orders. Anti-terrorism/force protection standards will be incorporated into the design, development, and construction of this facility in accordance with Unified Facilities Criteria 04-010-01, DOD Minimum Anti-terrorism Standards for Buildings dated 9 February 2012 and all applicable updates.

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 2015	15%
(c) Date Design 35% Complete	Mar 15
(d) Date Design 100% Complete	Sep 15
(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	130
(c) Total Cost (a + b or d + e)	630
(d) Contract Cost	250
(e) In-House Cost	380
(4) Construction Contract Award Date	Jan 16
(5) Construction Start Date	Mar 16
(6) Construction Completion Date	Mar 18

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	2017	203
Collateral Equipment	O&M, D-W	2017	917
Collateral Equipment	PROC, D-W	2017	323

U.S. Marine Corps Forces Special Operations Command
Telephone: (760) 725-9694, (910) 440-0725/0726

1. COMPONENT	FY 2016 MILITARY CONSTRUCTION PROGRAM	2. DATE
USSOCOM		FEB 2015

3. INSTALLATION AND LOCATION	5. COMMAND	5. AREA CONSTRUCTION COST INDEX
NAVAL BASE CORONADO, CALIFORNIA	NAVAL SPECIAL WARFARE COMMAND	1.14

6. PERSONNEL STRENGTH	PERMANENT			STUDENTS			SUPPORTED			
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF SEP 14	579	2,628	458	0	0	0	0	0	0	3,665
B. END FY 20	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 14	132,700
C. AUTHORIZATION NOT YET IN INVENTORY (FY 13-15)	166,940
D. AUTHORIZATION REQUESTED IN THIS PROGRAM (FY 16)	47,218
E. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM (FY17)	207,172
F. PLANNED IN NEXT THREE YEARS (FY 18-20)	334,527
G. REMAINING DEFICIENCY	389,131
H. GRAND TOTAL	1,277,688

8. PROJECTS REQUESTED IN THIS PROGRAM:

CATEGORY CODE	PROJECT TITLE	SCOPE	COST ($000)	DESIGN STATUS START	DESIGN STATUS COMPLETE
143	SOF LOGISTICS SUPPORT UNIT ONE OPERATIONS FACILITY #2	11,148 SM (120,000 SF)	47,218	12/14	10/16

9. FUTURE PROJECTS

CATEGORY CODE	PROJECT TITLE	SCOPE	COST ($000)
a. Included in Following Program (FY17)			
143	SOF SEAL TEAM OPERATIONS FACILITY	9,290 SM (100,000 SF)	55,141
143	SOF SEAL TEAM OPERATIONS FACILITY	9,290 SM (100,000 SF)	41,051
171	SOF BASIC TRAINING COMMAND	18,580 SM (200,000 SF)	95,137
171	SOF TACTICAL ATHLETE CENTER	3,716 SM (40,000 SF)	15,843
b. Planned Next Three Years (FY18-20)			
171	SOF NSWCEN CLOSE QUARTERS COMBAT FACILITY	2,137 SM (23,000 SF)	12,969
143	SOF LOGSU ONE OPERATIONS FACILITY #3	9,290 SM (100,000 SF)	46,175
143	SOF SEAL TEAM OPERATIONS FACILITY	9,290 SM (100,000 SF)	50,265
143	SOF SEAL TEAM OPERATIONS FACILITY	11,613 SM (125,000 SF)	66,218
610	SOF NSWG-1 OPERATIONS SUPPORT FACILITY	4,088 SM (44,000 SF)	19,410
171	SOF ATC APPLIED INSTRUCTION FACILITY	3,530 SM (38,000 SF)	15,053
143	SOF TRADET ONE OPERATIONS FACILITY	8,362 SM (90,000 SF)	45,060
171	SOF ATC TRAINING FACILITY	4,366 SM (47,000 SF)	18,618
171	SOF ATC SERE TRAINING FACILITIES	3,995 SM (43,000 SF)	15,338
610	SOF ATC OPERATIONS SUPPORT FACILITY	3,252 SM (35,000 SF)	14,745
171	SOF TRAINING SUPPORT FACILITY	5,576 SM (60,000 SF)	30,676

c. RPM Backlog: N/A

1. COMPONENT	FY 2016 MILITARY CONSTRUCTION PROGRAM	2. DATE
USSOCOM		FEB 2015

3. INSTALLATION AND LOCATION	5. COMMAND	5. AREA CONSTRUCTION COST INDEX
NAVAL BASE CORONADO, CALIFORNIA	NAVAL SPECIAL WARFARE COMMAND	1.14

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

N/A

1. Component	FY2016 MILITARY CONSTRUCTION PROJECT DATA	2. Date
USSOCOM		FEB 2015

3. Installation and Location/UIC:	4. Project Title
NAVAL BASE CORONADO, CALIFORNIA	SOF LOGISTICS SUPPORT UNIT ONE OPS FACILITY #2

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
1140494BB	143	P920	47,218

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
PRIMARY FACILITY				34,662
LOGSU ONE OPERATIONS FACILITY (CC 14341) (120,000 SF)	SM	11,148	2,800	(31,214)
ANTI-TERRORISM/FORCE PROTECTION	LS	--	--	(918)
BUILT-IN EQUIPMENT	LS	--	--	(400)
AIMS FACILITY	SM	121	5,785	(700)
OPERATION AND MAINTENANCE SUPP INFO (OMSI)	LS	--	--	(190)
SUSTAINABLE DESIGN AND DEVELOPMENT AND ENERGY POLICY ACT 2005 COMPLIANCE	LS	--	--	(1,240)
SUPPORTING FACILITIES				6,402
MECHANICAL UTILITIES	LS	--	--	(1,550)
PAVING AND SITE IMPROVEMENTS	LS	--	--	(1,436)
SITE PREPARATIONS	LS	--	--	(600)
ELECTRICAL UTILITIES	LS	--	--	(819)
DEMOLITION (54,400 SF)	SM	5,054	237	(1,198)
SPECIAL FOUNDATION FEATURES	LS	--	--	(799)

ESTIMATED CONTRACT COST				41,064
CONTINGENCY (5%)				2,053

SUBTOTAL				43,117
SUPERVISION, INSPECTION AND OVERHEAD (5.7%)				2,458

SUBTOTAL				45,575
DESIGN BUILD DESIGN COST (4%)				1,643

TOTAL REQUEST				47,218
TOTAL REQUEST (ROUNDED)				47,218
EQUIPMENT FROM OTHER APPROPRIATIONS (NON ADD)				(6,759)

10. Description of Proposed Construction: Constructs a 11,148 SM (120,000 SF) facility to support Naval Special Warfare Group ONE Logistics Support Unit (LOGSU) ONE. Facilities will support numerous functions including air operations, operational gear storage and distribution and combat services support. 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 and all other costs associated with development of the Naval Base Coronado Coastal Campus. Demolition of Buildings 900, 901, 902, 903, 96, 97 and 134, and 135, approximately 5,054 SM (54,400 SF) is included. Project includes relocation of the Joint Terminal Attack Controller (JTAC) simulator, temporary Southwest Asia (SWA) Huts that support Survival, Evasion, Resistance Escape training, Language Training Village, and a Ready Service Locker (RSL) complex to an unencumbered area at the Naval Base Coronado Coastal Campus. Air conditioning: 885 kW (252 tons).

1. Component	FY2016 MILITARY CONSTRUCTION PROJECT DATA	2. Date
USSOCOM		FEB 2015

3. Installation and Location/UIC:	4. Project Title
NAVAL BASE CORONADO, CALIFORNIA	SOF LOGISTICS SUPPORT UNIT ONE OPS FACILITY #2

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
1140494BB	143	P920	47,218

11. Requirement: 11,148 SM (120,000 SF) **Adequate:** 0 SM **Substandard:** 3,437 SM (37,000 SF)

PROJECT: Constructs a 11,148 SM (120,000 SF) facility to Support Naval Special Warfare Group ONE Logistics Support Unit (LOGSU) ONE.

REQUIREMENT: LOGSU ONE is responsible for providing logistical and other support service to Naval Special Warfare 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 air operations, operational gear storage and distribution and combat services support are fragmented, with three functions split between seven different facilities divided by a major state highway. These facilities are all severely undersized and poorly configured, meeting approximately 31 percent of requirements. Six of these facilities were constructed in 1944 and are considered semi-permanent construction.

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 increase deployment preparations, increase coordination of maintenance efforts, and result in the procurement of temporary modular facilities with significant long term operations and maintenance costs.

ADDITIONAL: No life cycle costs have been calculated at this time. Sustainable engineering principles will be integrated into the design, development, and construction of the project in accordance with Executive Order 13423, 10 United States Code (USC) 2802 (c), and other applicable laws and executive orders. This project is also in compliance with current seismic requirements. Anti-terrorism/force protection standards will be incorporated into the design, development, and construction of this facility in accordance with Unified Facilities Criteria (UFC) 04-010-01, DOD Minimum Anti-terrorism Standards for Buildings dated 08 October 2003 and all applicable updates.

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 14
(b) Percent Complete as of January 2015	35%
(c) Date Design 35% Complete	Jan 15
(d) Date Design 100% Complete	Oct 16

1. Component	FY2016 MILITARY CONSTRUCTION PROJECT DATA	2. Date
USSOCOM		FEB 2015

3. Installation and Location/UIC:	4. Project Title
NAVAL BASE CORONADO, CALIFORNIA	SOF LOGISTICS SUPPORT UNIT ONE OPS FACILITY #2

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
1140494BB	143	P920	47,218

(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	800
(b) All Other Design Costs	406
(c) Total Cost (a + b or d + e)	1,206
(d) Contract Cost	800
(e) In-House Cost	406
(4) Construction Contract Award Date	Jun 16
(5) Construction Start Date	Jan 17
(6) Construction Completion Date	Jan 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	2017	2,938
C4I Equipment	O&M, D-W	2017	2,004
Collateral Equipment	PROC, D-W	2017	880
C4I Equipment	PROC, D-W	2017	937

Naval Special Warfare Command
Telephone: (619) 437-9075

1. COMPONENT	FY 2016 MILITARY CONSTRUCTION PROGRAM	2. DATE
USSOCOM		FEB 2015

3. INSTALLATION AND LOCATION	6. COMMAND	5. AREA CONSTRUCTION COST INDEX
FORT CARSON, COLORADO	U.S. ARMY SPECIAL OPERATIONS COMMAND	1.08

6. PERSONNEL STRENGTH

	PERMANENT			STUDENTS			SUPPORTED			
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF SEP 14	218	1,087	3	0	0	0	0	0	0	1,308
B. END FY 20	292	1,473	7	0	0	0	0	0	0	1,772

7. INVENTORY DATA ($000)

A. TOTAL AREA (ACRES)	136,700
B. INVENTORY TOTAL AS OF SEP 14	84,144
C. AUTHORIZATION NOT YET IN INVENTORY (FY 12-15)	75,879
D. AUTHORIZATION REQUESTED IN THIS PROGRAM (FY 16)	8,243
E. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM (FY17)	0
F. PLANNED IN NEXT THREE YEARS (FY 18-20)	26,243
G. REMAINING DEFICIENCY	42,640
H. GRAND TOTAL	237,149

8. PROJECTS REQUESTED IN THIS PROGRAM:

CATEGORY CODE	PROJECT TITLE	SCOPE	COST ($000)	DESIGN STATUS START	DESIGN STATUS COMPLETE
171	SOF LANGUAGE TRAINING FACILITY	2,081SM (22,400SF)	8,243	11/14	03/16

9. FUTURE PROJECTS

CATEGORY CODE	PROJECT TITLE	SCOPE	COST ($000)
a. Included in Following Program (FY17)			
None			
b. Planned Next Three Years (FY18-20):			
171	SOF MOUNTAINEERING FACILITY	2,787 SM (30,000 SF)	10,893
171	SOF THOR3 FACILITY	3,716 SM (40,000 SF)	15,350

c. RPM Backlog: N/A

10. MISSION OR MAJOR FUNCTION

Support and training of organizations assigned to Fort Carson. Ensure the most efficient utilization of resources to operate Fort Carson and accomplish all assigned missions. Conduct mobilization operations to meet wartime requirements. Conduct operations in support of civil authorities in domestic emergencies. Special Operations Forces: Organize, train, equip, and validate readiness of special operations forces for world-wide deployment in support of combatant commanders.

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES

N/A

1. Component	FY 2016 MILITARY CONSTRUCTION PROJECT DATA	2. Date
USSOCOM		FEB 2015

3. Installation and Location/UIC:	4. Project Title
FORT CARSON, COLORADO	SOF LANGUAGE TRAINING FACILITY

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
1140494BB	171	47942	8,243

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
PRIMARY FACILITY				6,048
GENERAL INSTRUCTION BUILDING (CC 17120) (22,400SF)	SM	2,081	2,687	(5,592)
BUILDING INFORMATION SYSTEMS	LS	--	--	(331)
SUSTAINABLE DESIGN AND DEVELOPMENT AND ENERGY POLICY ACT 2005 COMPLIANCE	LS	--	--	(125)
SUPPORTING FACILITIES				1,121
ELECTRICAL/MECHANICAL UTILITIES	LS	--	--	(598)
SITE IMPROVEMENTS	LS	--	--	(263)
INFORMATION SYSTEMS	LS	--	--	(182)
PASSIVE FORCE PROTECTION MEASURES	LS	--	--	(78)

ESTIMATED CONTRACT COST				7,169
CONTINGENCY (5.0%)				358

SUBTOTAL				7,527
SUPERVISION, INSPECTION AND OVERHEAD (5.7%)				429

SUBTOTAL				7,956
DESIGN BUILD DESIGN COST (4.0%)				287

TOTAL REQUEST				8,243
TOTAL REQUEST (ROUNDED)				8,243
EQUIPMENT PROVIDED FROM OTHER APPROPRIATIONS				(889)

10. Description of Proposed Construction: Construct a language training facility including classrooms, administrative and instructor preparation space, an audio and visual storage area, computer laboratory, distance learning room, and lecture hall. Built-in building systems include fire alarm/mass notification, fire suppression, energy management control, telephone, advanced communications networks, cable television, intrusion detection, closed circuit surveillance, electronic access control, and a protected distribution system (PDS). Supporting facilities include all related site-work and utilities (electrical, water, sanitary sewer, natural gas, chilled water, and information systems), lighting, vehicle parking, access drives, roads, curb and gutter, sidewalks, storm drainage, landscaping, and other site improvements. Special construction includes sustainable construction features complying with Leadership in Energy and Environmental Design (LEED) Silver. Access for persons with disabilities will be provided. Comprehensive interior design and audio visual services are included. Air conditioning: 120kW (34tons).

11. Requirement: 2,081 SM (22,400 SF) **Adequate:** 0 SM **Substandard:** 787 SM (8,474 SF)

PROJECT: Construct a language training facility for the 10th Special Forces Group (Airborne) [10th SFG(A)].

REQUIREMENT: Adequate facilities are required to support the specialized language sustainment training mission of the 10th SFG(A). Foreign language skills are required to

1. Component	FY 2016 MILITARY CONSTRUCTION PROJECT DATA	2. Date
USSOCOM		FEB 2015

3. Installation and Location/UIC:	4. Project Title
FORT CARSON, COLORADO	SOF LANGUAGE TRAINING FACILITY

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
1140494BB	171	47942	8,243

maintain unit and individual soldier readiness. Instruction includes speaking, listening, reading, and writing for target language, military terminology, and cultural matter specific to various areas of operation. Each Special Forces soldier is required to practice linguistic skills two hours per day to maintain skill level.

CURRENT SITUATION: The 10th SFG(A) conducts language training in office and classroom space provided by Fort Carson. The space is inadequate for the number of students receiving training, especially during periods of maximum utilization. Security is inadequate to conduct language training for specific mission locations and the current facilites cannot support new communications and instructional equipment. The existing office and classroom spaces are located across post from the 10th SFG(A) compound and impede access to assigned soldiers.

IMPACT IF NOT PROVIDED: The 10th SFG(A) will continue to be hindered in its ability to keep pace with the growing demand for language proficient Special Operations Forces soldiers. Total quality management of training and administration will continue to be degraded by facilities located across post from the day-to-day operations.

ADDITIONAL: Alternative methods of meeting this requirement have been explored during project development and this project is the only feasible option. This project shall be designed and constructed in accordance with U.S. Army Corps of Engineer's Technical Instructions 800-01, Design Criteria; Fort Carson Architectural Compatibility Plan; Unified Facilities Code (UFC) 3-600-01, Design Fire Protection for Facilities; Americans with Disabilities Act, Accessibility Guidelines conforming to Architectural Barriers Act of 1968, and consistent with 29 U.S.C. 794; National Fire Protection Association (NFPA), Life Safety Code 101; National Electric Code (NFPA 70); International Building Codes; Standards of Seismic Safety for Federally Owned Buildings; energy conservation standards; other applicable DOD and Army regulations and UFCs; and applicable U.S. Federal Environmental Laws and Regulations. Sustainable engineering principles will be integrated into the design, development, and construction of the project in accordance with the Energy Policy Act 2005 and Executive Orders 13123 and 13423. Anti-terrorism/force protection measures will be included in accordance with the current UFC 4-010-01, DOD Minimum Anti-Terrorism Standards for Buildings, and updates as applicable.

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	Nov 14
(b) Percent Complete as of January 2015	10%
(c) Date Design 35% Complete	Sep 15
(d) Date Design 100% Complete	Mar 16
(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	FY 2016 MILITARY CONSTRUCTION PROJECT DATA	2. Date
USSOCOM		FEB 2015

3. Installation and Location/UIC:	4. Project Title
FORT CARSON, COLORADO	SOF LANGUAGE TRAINING FACILITY

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
1140494BB	171	47942	8,243

(2) Basis

(a) Standard or Definitive Design Used	Yes
(b) Where Design Was Previously Used	Fort Campbell, KY
(3) Total Design Cost	($000)
(a) Production of Plans and Specifications	260
(b) All Other Design Costs	120
(c) Total Cost (a + b or d + e)	380
(d) Contract Cost	300
(e) In-House Cost	80
(4) Construction Contract Award Date	Jan 16
(5) Construction Start Date	Mar 16
(6) Construction Completion Date	Jan 18

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	2017	556
C4I Equipment	O&M, D-W	2017	101
C4I Equipment	PROC, D-W	2017	232

United States Army Special Operations Command
Telephone: (910) 432-1296

1. COMPONENT	FY 2016 MILITARY CONSTRUCTION PROGRAM	2. DATE
USSOCOM		FEB 2015

3. INSTALLATION AND LOCATION	7. COMMAND	5. AREA CONSTRUCTION COST INDEX
EGLIN AUXILIARY FIELD # 9, HURLBURT, FLORIDA	AIR FORCE SPECIAL OPERATIONS COMMAND	0.88

6. PERSONNEL STRENGTH

	PERMANENT			STUDENTS			SUPPORTED			
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF SEP 14	1284	4883	1868	0	0	0	200	966	437	9638
B. END FY 20	1284	5021	1859	0	0	0	188	958	444	9754

7. INVENTORY DATA ($000)

A. TOTAL AREA (ACRES)	6,341
B. INVENTORY TOTAL AS OF SEP 14	1,468,018
C. AUTHORIZATION NOT YET IN INVENTORY (FY 14-15)	7,900
D. AUTHORIZATION REQUESTED IN THIS PROGRAM (FY 16)	17,989
E. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM (FY17)	0
F. PLANNED IN NEXT THREE YEARS (FY 18-20)	59,020
G. REMAINING DEFICIENCY	113,950
H. GRAND TOTAL	1,666,877

8. PROJECTS REQUESTED IN THIS PROGRAM:

CATEGORY CODE	PROJECT TITLE	SCOPE	COST ($000)	DESIGN STATUS START	DESIGN STATUS COMPLETE
211	SOF FUEL CELL MAINTENANCE HANGAR	2,927 SM (31,500 SF)	17,989	10/14	08/16

9. FUTURE PROJECTS

CATEGORY CODE	PROJECT TITLE	SCOPE	COST ($000)
a. Included in Following Program (FY17)			
b. Planned Next Three Years (FY18-20):			
171	SOF SMALL ARMS RANGE	4,791 SM (51,600 SF)	23,766
144	SOF MISSION EXERCISE AND ISOLATION SITE	2,881 SM (31,000 SF)	12,873
141	SOF SQUADRON OPERATIONS FACILITY	7,215 SM (77,700 SF)	22,381

c. RPM Backlog: N/A

10. MISSION OR MAJOR FUNCTION

Special Operations Wing with MC-130, AC-130, CV-22, Non-Standard Aviation (NSA), and Special Tactics special operations squadrons.

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES N/A

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PREVIOUS EDITIONS MAY BE USED
INTERNALLY UNTIL EXHAUSTED

1. Component	FY2016 MILITARY CONSTRUCTION PROJECT DATA	2. Date
USSOCOM		FEB 2015

3. Installation and Location/UIC:	4. Project Title
EGLIN AUXILIARY FIELD # 9, HURLBURT FIELD, FLORIDA	SOF FUEL CELL MAINTENANCE HANGAR

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
1140494BB	211	FTEV073010	17,989

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
PRIMARY FACILITY				12,096
FUEL CELL MAINTENANCE HANGAR (CC21117) (31,500 SF)	SM	2,927	4,050	(11,854)
SUSTAINABLE DESIGN AND DEVELOPMENT AND ENERGY POLICY ACT 2005 COMPLIANCE	LS	--	--	(242)
SUPPORTING FACILITIES				3,549
UTILITIES	LS	--	--	(512)
PAVEMENTS	LS	--	--	(199)
SITE IMPROVEMENTS	LS	--	--	(750)
COMMUNICATIONS	LS	--	--	(150)
AIRFIELD PAVEMENTS	LS	--	--	(473)
SPECIAL FOUNDATION	LS	--	--	(1,405)
PASSIVE FORCE PROTECTION MEASURES	LS	--	--	(60)

ESTIMATED CONTRACT COST				15,645
CONTINGENCY (5%)				782

SUBTOTAL				16,427
SUPERVISION, INSPECTION AND OVERHEAD (5.7%)				936

SUBTOTAL				17,363
DESIGN/BUILD DESIGN COST (4.0%)				626

TOTAL REQUEST				17,989
TOTAL REQUEST (ROUNDED)				17,989
EQUIPMENT FROM OTHER APPROPRIATIONS (NON-ADD)				(562)

10. Description of Proposed Construction: Work will include foundation and floor slab, structural framing, insulated walls and roof, environmental control, fire detection and suppression. Project also includes utilities, site improvements, access drive, parking area, tug route, communication system and all other necessary support. Airfield pavements includes hangar access, connecting taxiway and all shoulders; clearing, excavation and base for concrete pavements and asphalt shoulders, airfield markings, demolition, storm water retention, storm drainage, lighting/duct bank and all other necessary support to integrate new pavement into existing airfield pavements to include repairs to existing as necessary. Special foundations include retaining walls and piles. Fuel systems maintenance also includes mechanical ventilation, fume sensing and alarm system, fire extinguishing systems, and wash down drainage trenches.
Air conditioning: 357 kW (100 tons)

11. Requirement: 5,192 SM (55,882 SF) **Adequate:** 2,265 SM (24,382 SF) **Substandard:** 0 SM
PROJECT: Construct a Fuel Cell Maintenance Hangar.
REQUIREMENT: An adequate facility properly sized and configured to conduct fuel cell maintenance on C-130, CV-22 and other assigned aircraft with space to store the CV-22's removable fuel tanks. The fuel cell hangar will consist of a fuel cell repair area, shop space, and

1. Component	FY2016 MILITARY CONSTRUCTION PROJECT DATA	2. Date
USSOCOM		FEB 2015

3. Installation and Location/UIC:	4. Project Title
EGLIN AUXILIARY FIELD # 9, HURLBURT FIELD, FLORIDA	SOF FUEL CELL MAINTENANCE HANGAR

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
1140494BB	211	FTEV073010	17,989

building support. As the command's Centralized Repair Facility (CRF), the 1st Special Operations Component Maintenance Squadron (1st SOCMS) provides command-wide, organizational and intermediate-level inspection and repair capability including fuel cell maintenance for 70 assigned aircraft and for an additional 62 aircraft as part of the command's fleet of AC-130U, AC-130H, AC-130W, MC-130E, MC-130H, MC-130J, MC-130P, and CV-22B Osprey. There is no other hangar facility on base that could be utilized or converted for this requirement without negatively impacting other maintenance functions.

CURRENT SITUATION: The base has only one fuel cell hangar which is scheduled at maximum capacity to support 1st Special Operations Wing (1st SOW) aircraft. The limited fuel cell hangar availability averages two aircraft out of service. The 1st SOW has implemented as many work-arounds as possible with in-tank fuel cell maintenance and repairs performed in the corrosion control hangar and outside on the flight line. These workarounds cause schedule interference with the corrosion control maintenance and increases the chances of damaged equipment, fuel system contamination/water inclusion, and personnel injury from high winds, torrential rains, and lightning hazards. 1st SOW routinely has to interrupt maintenance to pull airmen off the flight line every time lightning is within five nautical miles.

IMPACT IF NOT PROVIDED: Without this project the 1st SOW's mission will be degraded if there is not an adequate fuel cell maintenance capability for CV-22s, C-130s and other aircraft. As the command's CV-22 and MC-130J fleets grow to operational levels, fuel cell maintenance may be a restriction on combat readiness. Aircraft availability affects rapid contingency response, overseas contingency deployments, proficiency/upgrade training for both aircrew and maintenance personnel, as well as support of other special operations forces (SOF). When at home station, 1st SOW crews participate in large scale SOF exercises. These exercises are timed with SOF unit pre-deployment training. In the case of the AC-130 gunship, if not available due to maintenance, as many as 700 SOF personnel may not receive the requisite calls-for-fire training. The most significant concern is putting personnel at higher risk to injury or death by accomplishing this maintenance on the flightline that should otherwise be performed within a hangar bay.

ADDITIONAL: This project meets the criteria/scope specified in Air Force Manual 32-1084, "Facility Requirements". An economic analysis has been initiated and completion is pending. Anti-terrorism/force protection measures will be included in accordance with Unified Facilities Criteria (UFC) 4-010-0, DOD Minimum Anti-terrorism Standards for Buildings dated 9 February 2012. Sustainable engineering principles will be integrated into the design, development, and construction of the project in accordance with the Energy Policy Act 2005, Executive Orders 13123 and 13423, 10 United States Code (USC) 2802 (c), and other applicable laws and Executive orders.

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 2015	35%

1. Component	FY2016 MILITARY CONSTRUCTION PROJECT DATA	2. Date
USSOCOM		FEB 2015

3. Installation and Location/UIC:	4. Project Title
EGLIN AUXILIARY FIELD # 9, HURLBURT FIELD, FLORIDA	SOF FUEL CELL MAINTENANCE HANGAR

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
1140494BB	211	FTEV073010	17,989

(c) Date Design 35% Complete	Jan 15
(d) Date Design 100% Complete	Aug 15
(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 specification	0
(b) All Other Design Costs	1,092
(c) Total Cost (a + b or d + e)	1,092
(d) Contract Cost	728
(e) In-House Cost	364
(4) Construction Contract Award Date	Jan 16
(5) Construction Start Date	Apr 16
(6) Construction Completion Date	Jan 18

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	2018	465
C4I Equipment	O&M, D-W	2018	97

Air Force Special Operations Command
Telephone: (850) 884-2260

1. COMPONENT	FY 2016 MILITARY CONSTRUCTION PROGRAM	2. DATE
USSOCOM		FEB 2015

3. INSTALLATION AND LOCATION	8. COMMAND	5. AREA CONSTRUCTION COST INDEX
MACDILL AIR FORCE BASE, FLORIDA	U.S. SPECIAL OPERATIONS COMMAND	0.94

6. PERSONNEL STRENGTH

	PERMANENT			STUDENTS			SUPPORTED			
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF SEP 14	706	254	1025	810	365	260	0	0	0	3420
B. END FY 20	605	296	997	967	468	343	0	0	0	3676

7. INVENTORY DATA ($000)

A. TOTAL AREA (ACRES)	5,767
B. INVENTORY TOTAL AS OF SEP 14	1,135,918
C. AUTHORIZATION NOT YET IN INVENTORY (FY 13-15)	31,711
D. AUTHORIZATION REQUESTED IN THIS PROGRAM (FY 16)	39,142
E. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM (FY17)	0
F. PLANNED IN NEXT THREE YEARS (FY 18-20)	0
G. REMAINING DEFICIENCY	0
H. GRAND TOTAL	1 ,206,771

8. PROJECTS REQUESTED IN THIS PROGRAM:

CATEGORY CODE	PROJECT TITLE	SCOPE	COST ($000)	DESIGN STATUS START	DESIGN STATUS COMPLETE
141	SOF OPERATIONS SUPPORT FACILITY	3,370 SM (36,300SF)	39,142	11/14	09/15

9. FUTURE PROJECTS

	CATEGORY CODE	PROJECT TITLE	SCOPE	COST ($000)
a. Included in Following Program (FY17)	NONE			
b. Planned Next Three Years (FY18-20):	NONE			

c. RPM Backlog: N/A

10. MISSION OR MAJOR FUNCTION

6th Air Mobility Wing's mission is to generate and execute Air Refueling, Airlift and Contingency Response, while providing base support for joint, coalition and interagency partners.
The US Special Operations Command's mission is to provide fully capable Special Operations Forces to defend the United States and its interests; and to synchronize planning of global operations against terrorist networks.

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES

N/A

1. Component	FY2016 MILITARY CONSTRUCTION PROJECT DATA	2. Date
USSOCOM		FEB 2015

3. Installation and Location/UIC:	4. Project Title
MACDILL AIR FORCE BASE, FLORIDA	SOF OPERATIONAL SUPPORT FACILITY

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
1140494BB	141	NVZR143703	39,142

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
PRIMARY FACILITY				30,568
CENTRAL UTILITY PLANT (CC 14145) (36,300 SF)	SM	3,370	7,035	(23,708)
ATFP/SECURITY/HARDENING BUILDINGS	LS	--	--	(1,414)
EQUIPMENT (RPIE)	LS	--	--	(5,412)
SUSTAINABLE DESIGN AND DEVELOPMENT AND ENERGY POLICY ACT 2005 COMPLIANCE	LS	--	--	(34)
SUPPORTING FACILITIES				4,700
UTILITIES	LS	--	--	(2,228)
SITE PREPARATION, ROADWAYS AND PAVEMENTS	LS	--	--	(1,141)
BUILDING DEMOLITION	SM	1,440	533	(768)
ATFP SITE SYSTEMS	LS	--	--	(563)

ESTIMATED CONTRACT COST				35,268
CONTINGENCY (5.0%)				1,763

SUBTOTAL				37,031
SUPERVISION, INSPECTION AND OVERHEAD (5.7%)				2,111

TOTAL REQUEST				39,142
TOTAL REQUEST ROUNDED				39,142
EQUIPMENT FROM OTHER APPROPRIATIONS				(6,399)

10. Description of Proposed Construction: Construct a two-story concrete facility consisting of reinforced concrete walls, roof and foundation. Roof shall be a modified bitumen low slope roof membrane. Building will include fire suppression, fire alarm, mass notification, closed circuit television, intrusion detection, heating, ventilation, air conditioning, power and lighting systems. Building shall comply with DOD force protection requirements including Unified Facilities Criteria (UFC) 4-010-01 and the project design basis threat and level of protection determination. Demolition is required to facilitate consolidation and new construction, asbestos and lead abatement is required in B40. Buildings to be demolished include Bldgs 40, 502, 503, 504 and 519. Fuel tanks associated with B40 and 519 shall be removed. Said tanks include an 8,000 gallon underground storage tank and a 1,000 gallon above ground storage tank. Work will also be required in existing headquarters mechanical/electrical rooms for demolition and tie-in. This project shall construct new and alter existing roadways to support new vehicle circulation and facility maintenance operations, install security gates and vehicular barriers to control access and maintain security standoff, and install new sidewalks to facilitate pedestrian circulation. Air conditioning: 7,900 kW (2,250 tons).

11. Requirement: 3,370 SM (36,300 SF) **Adequate:** 0 SM **Substandard:** 383 SM

PROJECT: Construct an Operational Support Facility (OSF).

REQUIREMENT: The SOCOM Data Center provides mission critical data and communications directly to defense forces. As such, the data system must be provided with reliable utilities to support the communication mission. Reliability must include a minimum of 15 minutes of standby power to facilitate mission shut-down and transfer of mission control in the case of primary power loss. The new SOCOM Data Center was developed to accommodate an increase in tenants and

1. Component	FY2016 MILITARY CONSTRUCTION PROJECT DATA	2. Date
USSOCOM		FEB 2015

3. Installation and Location/UIC:	4. Project Title
MACDILL AIR FORCE BASE, FLORIDA	SOF OPERATIONAL SUPPORT FACILITY

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
1140494BB	141	NVZR143703	39,142

provides seamless data transfer and processing among all dispersed SOF units, as well as an equipment density increase of server room floor equipment. Data Center electrical power required for its full capacity is not available with existing utilities. The Operational Support Facility is required to increase the power supplied to the Data Center in order to facilitate growth and reliability. The Data Center is classified as a DOD mission essential asset. Per DOD UFC 4-010-01 this classification requires all supporting electrical power, heating, ventilation and air conditioning systems are provided with redundancy allowing for planned site infrastructure maintenance without communications systems disruptions. The OSF will provide applicable systems redundancy.

CURRENT SITUATION: Currently SOCOM Headquarters utilities supporting Bldgs 501, 501B and 501C are provided in four separate buildings totaling 383 SM (4,118 SF). These four buildings are unable to provide adequate utility support for 501, 501B and 501C. Building 501B is the Command Data Center, a mission essential facility, and as such requires redundant power and mechanical system reliability. Redundant reliability does not exist within the existing utility plant(s). The existing utilities cannot support server floor full mission capacity. As a result, the existing utility facilities are classified as substandard. The project site is densely developed and is subject to regular vehicular traffic in the immediate vicinity of the planned utility facility. With this traffic and the critical nature of the Data Center asset the need to control vehicular access within the compound and vicinity of the OSF is required.

IMPACT IF NOT PROVIDED: Seamless comms, in the event of Data Center failure, will not be sustainable under current conditions. This essential asset cannot meet UFC redundancy requirements for utility reliability. The Data Center will not be capable of operating at its full operating capability and therefore incapable of accommodating planned growth and increased equipment density.

ADDITIONAL: Alternative methods of meeting this requirement have been explored during project development and this project is the only feasible option. This project has been coordinated with the Installation Physical Security plan and required security improvements are included. Anti-terrorism/force protection measures will be incorporated into the design, development, and construction of this facility in accordance with UFC 4-010-01, DOD Minimum Anti-terrorism Standards for Buildings dated 8 October 2003 and applicable updates. Sustainable engineering principles will be integrated into the design, development, and construction of the project in accordance with Executive Orders 13123 and 13423, 10 USC 2802 (c), and other applicable laws and executive orders.

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	Nov 14
(b) Percent Complete as of Jan 2015	5%
(c) Date Design 35% Complete	Feb 15
(d) Date Design 100% Complete	Sep 15

1. Component	FY2016 MILITARY CONSTRUCTION PROJECT DATA	2. Date
USSOCOM		FEB 2015

3. Installation and Location/UIC:	4. Project Title
MACDILL AIR FORCE BASE, FLORIDA	SOF OPERATIONAL SUPPORT FACILITY

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
1140494BB	141	NVZR143703	39,142

(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 Design Cost	($000)
(a) Production of Plans and Specifications	3,000
(b) All Other Design Costs	600
(c) Total Cost (a + b or d + e)	3,600
(d) Contract Cost	2,500
(e) In-House Costs	1,100
(4) Construction Contract Award Date	Feb 16
(5) Construction Start	Mar 16
(6) Construction Complete	Jun 17

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	PROC, D-W	2017	4,714
Collateral Equipment	O&M, D-W	2017	1,438
C4I Equipment	PROC, D-W	2018	247

HQ US Special Operations Command/Command Engineer
Telephone: (813) 826-3600

1. COMPONENT	FY 2016 MILITARY CONSTRUCTION PROGRAM	2. DATE
USSOCOM		FEB 2015

3. INSTALLATION AND LOCATION	9. COMMAND	5. AREA CONSTRUCTION COST INDEX
FORT CAMPBELL, KENTUCKY	U.S. ARMY SPECIAL OPERATIONS COMMAND	.97

6. PERSONNEL STRENGTH

	PERMANENT			STUDENTS			SUPPORTED			
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF SEP 14	629	2,556	181	0	0	0	0	0	0	3,366
B. END FY 20	770	3,171	187	0	0	0	0	0	0	4,128

7. INVENTORY DATA ($000)

A. TOTAL AREA (ACRES)	104,553
B. INVENTORY TOTAL AS OF SEP 14	210,632
C. AUTHORIZATION NOT YET IN INVENTORY (FY 12-15)	277,730
D. AUTHORIZATION REQUESTED IN THIS PROGRAM (FY 16)	12,553
E. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM (FY17)	0
F. PLANNED IN NEXT THREE YEARS (FY 18-20)	47,647
G. REMAINING DEFICIENCY	77,100
H. GRAND TOTAL	625,662

8. PROJECTS REQUESTED IN THIS PROGRAM:

CATEGORY CODE	PROJECT TITLE	SCOPE	COST ($000)	DESIGN STATUS START	DESIGN STATUS COMPLETE
141	SOF COMPANY HQ/CLASSROOMS	3,412 SM (36,740SF)	12,553	11/14	03/16

9. FUTURE PROJECTS

CATEGORY CODE	PROJECT TITLE	SCOPE	COST ($000)
a. Included in Following Program (FY17)			
None			
b. Planned Next Three Years (FY18-20):			
178	SOF AIR/GROUND INTEGRATION URBAN LIVE FIRE RANGE	4,645 SM (50,000 SF)	9,110
171	SOF THOR3 FACILITY	2,787 SM (30,000 SF)	11,488
140	SOF LOGISTICS SUPPORT OPERATIONS FACILITY	929 SM (10,000 SF)	3,299
140	SOF SOAT-B HQ	6,503SM (70,000 SF)	23,750

c. RPM Backlog: N/A

10. MISSION OR MAJOR FUNCTION

Support and training of 101st Airborne Division (Air Assault), major combat and combat support forces, special operations forces, reserve component training, and other tenant and satellite activities and units. Special Operations Forces: organize, train, equip, and validate readiness of special operations forces for world-wide deployment in support of combatant commanders.

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES

N/A

1. Component	FY2016 MILITARY CONSTRUCTION PROJECT DATA	2. Date
USSOCOM		FEB 2015

3. Installation and Location/UIC:	4. Project Title
FORT CAMPBELL, KENTUCKY	SOF COMPANY HQ /CLASSROOMS

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
1140494BB	141	81897	12,553

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
PRIMARY FACILITY				8,839
COMPANY OPS-TRAINING BLDG (CC14185)(34,400 SF)	SM	3,195	2,476	(7,911)
COVERED HARDSTAND (CC14179)(2,340 SF)	SM	217	1,076	(233)
BUILDING INFORMATION SYSTEMS	LS	--	--	(545)
SUSTAINABLE DESIGN AND DEVELOPMENT AND ENERGY POLICY ACT 2005 COMPLIANCE	LS	--	--	(150)
SUPPORTING FACILITIES				2,078
ELECTRICAL/MECHANICAL UTILITIES	LS	--	--	(720)
SITE IMPROVEMENTS	LS	--	--	(925)
INFORMATION SYSTEMS	LS	--	--	(174)
PASSIVE FORCE PROTECTION MEASURES	LS	--	--	(259)

ESTIMATED CONTRACT COST				10,917
CONTINGENCY (5.0%)				546

SUBTOTAL				11,463
SUPERVISION, INSPECTION AND OVERHEAD (5.7%)				654

SUBTOTAL				12,117
DESIGN BUILD DESIGN COST (4.0%)				436

TOTAL REQUEST				12,553
TOTAL REQUEST (ROUNDED)				12,553
EQUIPMENT PROVIDED FROM OTHER APPROPRIATIONS				(1,697)

10. Description of Proposed Construction: Construct a company operations/training facility to include administrative area, arms vault, training classrooms, conference rooms, aid station, weapons cleaning, physical and combative training areas, shower and locker area, and equipment/gear storage. Built-in building systems include fire alarm/mass notification, fire suppression, utility management control, telephone, advanced unclassified and classified communications networks, cable television, intrusion detection, closed circuit surveillance, electronic access control, and a protected distribution system (PDS). Supporting facilities include all related site-work and utilities (electrical, water, sanitary sewer, natural gas, chilled water, and information systems), lighting, vehicle parking, access drives, roads, curb and gutter, sidewalks, storm drainage, landscaping, and other site improvements. Special construction includes sustainable construction features complying with Leadership in Energy and Environmental Design (LEED) Silver. Access for persons with disabilities will be provided. Comprehensive interior design and audio visual services are included. Air conditioning: 302 kW (86 tons)

11. Requirement: 3,412 SM (36,740SF) **Adequate:** 0 SM **Substandard:** 2,497SM (26,871SF)

PROJECT: Construct a Company Operations and Training Facility for the 160th Special Operations Aviation Training Battalion (SOATB).

REQUIREMENT: Adequate facilities are required to house company operations and training for the 160th SOATB. This company is responsible for combat skills training for all special operations

1. Component	FY2016 MILITARY CONSTRUCTION PROJECT DATA	2. Date
USSOCOM		FEB 2015

3. Installation and Location/UIC:	4. Project Title
FORT CAMPBELL, KENTUCKY	SOF COMPANY HQ /CLASSROOMS

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
1140494BB	141	81897	12,553

aviation recruits. The unit produces qualified crew members and support personnel with basic and advanced qualifications for the 160th Special Operations Aviation Regiment. Training includes both officer and enlisted courses in land navigation, ranges, first responder, and combatives. The company also supplies the SOATB training publications support requirements.

CURRENT SITUATION: The headquarters cadre personnel are in an overcrowded flight simulation facility while the instructional staff and students are located in multiple dilapidated facilities six miles across post. The current structures include repurposed ammunition bunkers and multiple trailers. These facilities have been modified over the years to provide space for company operations, instructional classrooms, physical and combat training, weapons storage and cleaning, an aid station, and equipment storage. Existing facilities are in disrepair and some do not have running water, restrooms, or air-conditioning. Persistent operations and maintenance expenditures are required to keep the buildings mission capable.

IMPACT IF NOT PROVIDED: Company operations will continue to operate in failing, inefficient, and widely dispersed facilities. The ability of the company headquarters to function properly and ensure new special operations soldiers are adequately trained will be degraded. The company cadre and students will continue to be exposed to substandard conditions during the execution of instruction, training, and operations.

ADDITIONAL: Alternative methods of meeting this requirement have been explored during project development, and this project is the only feasible option. This project shall be designed and constructed in accordance with U.S. Army Corps of Engineer's Technical Instructions 800-01, Design Criteria; Fort Campbell Architectural Compatibility Plan; Unified Facilities Code (UFC) 3-600-01, Design Fire Protection for Facilities; Americans with Disabilities Act, Accessibility Guidelines conforming to Architectural Barriers Act of 1968, and consistent with 29 U.S.C. 794; National Fire Protection Association (NFPA), Life Safety Code 101; National Electric Code (NFPA 70); International Building Codes; Standards of Seismic Safety for Federally Owned Buildings; energy conservation standards; other applicable DOD and Army regulations and UFCs; and applicable U.S. Federal Environmental Laws and Regulations. Sustainable engineering principles will be integrated into the design, development, and construction of the project in accordance with the Energy Policy Act 2005 and Executive Orders 13123 and 13423. Anti-terrorism/force protection measures will be included in accordance with the current UFC 4-010-01, DOD Minimum Anti-Terrorism Standards for Buildings, and updates as applicable.

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	Nov 14
(b) Percent Complete as of January 2015	10%
(c) Date Design 35% Complete	Sep 15
(d) Date Design 100% Complete	Mar 16
(e) Parametric Estimates Used to Develop Costs	Yes
(f) Type of Design Contract	Design Build

1. Component	FY2016 MILITARY CONSTRUCTION PROJECT DATA	2. Date
USSOCOM		FEB 2015

3. Installation and Location/UIC:	4. Project Title
FORT CAMPBELL, KENTUCKY	SOF COMPANY HQ /CLASSROOMS

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
1140494BB	141	81897	12,553

(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 — 625

(b) All Other Design Costs — 137

(c) Total Cost (a + b or d + e) — 762

(d) Contract Cost — 575

(e) In-House Cost — 187

(4) Construction Contract Award Date — Jan 16

(5) Construction Start Date — Mar 16

(6) Construction Completion Date — Jan 18

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	2017	1,016
C4I Equipment	O&M, D-W	2017	229
C4I Equipment	PROC, D-W	2017	452

United States Army Special Operations Command
Telephone: (910) 432-1296

1. COMPONENT	FY 2016 MILITARY CONSTRUCTION PROGRAM	2. DATE
USSOCOM		FEB 2015

3. INSTALLATION AND LOCATION	10. COMMAND	5. AREA CONSTRUCTION COST INDEX
CANNON AIR FORCE BASE, NEW MEXICO	AIR FORCE SPECIAL OPERATIONS COMMAND	1.01

6. PERSONNEL STRENGTH

	PERMANENT			STUDENTS			SUPPORTED			
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF SEP 14	851	3849	835	0	0	0	4	59	5	5,603
B. END FY 20	873	3861	835	0	0	0	4	59	5	5,637

7. INVENTORY DATA ($000)

A. TOTAL AREA (ACRES)	4,542
B. INVENTORY TOTAL AS OF SEP 14	1,400,411
C. AUTHORIZATION NOT YET IN INVENTORY (FY 14-15)	23,333
D. AUTHORIZATION REQUESTED IN THIS PROGRAM (FY 16)	24,711
E. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM (FY17)	0
F. PLANNED IN NEXT THREE YEARS (FY 18-20)	30,891
G. REMAINING DEFICIENCY	250,800
H. GRAND TOTAL	1,730,146

8. PROJECTS REQUESTED IN THIS PROGRAM:

CATEGORY CODE	PROJECT TITLE	SCOPE	COST ($000)	DESIGN STATUS START	DESIGN STATUS COMPLETE
141	SOF SQUADRON OPERTIONS FACILITY	2,432 SM (26,200 SF)	11,565	10/14	08/16
141	SOF ST OPERATIONAL TRAINING FACILITIES	3,079 SM (33,200 SF)	13,146	10/14	08/16

9. FUTURE PROJECTS

CATEGORY CODE	PROJECT TITLE	SCOPE	COST ($000)
a. Included in Following Program (FY17)			
NONE			
b. Planned Next Three Years (FY18-20):			
218	SOF AEROSPACE GROUND EQUIPMENT FACILITY	3,282 SM (35,374 SF)	6,932
171	SOF ADAL SIMULATOR FACILITY	715 SM (7,626 SF)	7,521
211	SOF HANGAR/AIRCRAFT MAINTENANCE UNIT	5,324 SM (57,430 SF)	16,438
c. RPM Backlog: N/A			

10. MISSION OR MAJOR FUNCTION

Special Operations Wing with 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.

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES

N/A

1. Component	FY2016 MILITARY CONSTRUCTION PROJECT DATA	2. Date
USSOCOM		FEB 2015

3. Installation and Location/UIC:	4. Project Title
CANNON AIR FORCE BASE, NEW MEXICO	SOF SQUADRON OPERATIONS FACILITY

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
1140494BB	141	CZQZ083021	11,565

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
PRIMARY FACILITIES				8,603
SQUADRON OPERATIONS FACILITY (CC14175) (18,200 SF)	SM	1,690	3,610	(6,101)
SIMULATOR TRAINING SPACE (CC17121) (8,000 SF)	SM	742	3,140	(2,330)
SUSTAINABLE DESIGN AND DEVELOPMENT AND ENERGY POLICY ACT 2005 COMPLIANCE	LS	--	--	(172)
SUPPORTING FACILITIES				1,455
UTILITIES	LS	--	--	(685)
PAVEMENTS	LS	--	--	(328)
SITE IMPROVEMENTS	LS	--	--	(236)
COMMUNICATIONS	LS	--	--	(192)
PASSIVE FORCE PROTECTION MEASURES	LS	--	--	(14)

ESTIMATED CONTRACT COST				10,058
CONTINGENCY (5%)				503

SUBTOTAL				10,561
SUPERVISION, INSPECTION AND OVERHEAD (5.7%)				602

SUBTOTAL				11,163
DESIGN BUILD DESIGN COST (4.0%)				402

TOTAL REQUEST				11,565
TOTAL REQUEST (ROUNDED)				11,565
EQUIPMENT FROM OTHER APPROPRIATIONS (NON-ADD)				(1,860)

10. Description of Proposed Construction: Multi-story operations and training facility addition structure will consist of foundation and floor slab, structural framing, insulated walls and roof, environmental control, fire detection and suppression. Primary functional areas include: command section, operations, auditorium, classrooms, briefing rooms, simulator training space, and administration. Project includes elevators, utilities, pavements, site improvements, landscaping, fire protection, anti-terrorism measures, mass notification, communications and all other necessary support. Air conditioning: 264 kW (75 tons)

11. Requirement: 2,432 SM (26,200 SF) **Adequate:** 0 SM **Substandard:** 0 SM

PROJECT: Construct Squadron Operations Facility for 551st Special Operations Squadron (SOS).
REQUIREMENT: Provide properly sized and configured facility for 551 SOS instructors to plan, teach, and critique combat crews on special operations forces (SOF) specific material, for administrative personnel to include the commander and staff, and for smaller training aids such as part task trainers. This requirement supports 551st SOS's mission to recruit, assess, select, indoctrinate, train and educate Air Commandos. This project also includes space for a CV-22 cabin operational flight trainer (COFT) and must be constructed with a high bay area with oversized doors to house a full-length CV-22 fuselage trainer, support areas, and enable both K-loader and oversized vehicle access. The COFT area needs to support night vision goggle operations training and provide sufficient space to enable vehicle and personnel operations training in the vicinity of

1. Component	FY2016 MILITARY CONSTRUCTION PROJECT DATA	2. Date
USSOCOM		FEB 2015

3. Installation and Location/UIC:	4. Project Title
CANNON AIR FORCE BASE, NEW MEXICO	SOF SQUADRON OPERATIONS FACILITY

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
1140494BB	141	CZQZ083021	11,565

the device. CV-22 aircrew and maintenance personnel require these specialized devices to fulfill training and certification requirements including eight mission essential tasks. The device is also used by fire rescue, medical, and explosive ordnance disposal personnel to practice emergency response activities.

CURRENT SITUATION: 551st SOS manages and conducts initial qualification and/or refresher training for nine weapons systems (AC-130H/J, MC-130W/J, MQ-1, MQ-9, NSAvL, NSAvM, and CV-22) to include operation of all of Cannon AFB's SOF weapons system trainers (WST), fuselage trainers, and other training devices. Due to BRAC 05 related mission change at Cannon AFB there are insufficient facilities to support the squadrons and functions assigned. The 551st SOS is in a temporary (leased) modular facility. The 551st SOS temporary facility is disassociated from the devices used for training. This causes inefficiencies for both students and instructors as they routinely drive between locations to meet their training schedules. The CV-22 COFT was delivered second quarter FY14. Until this MILCON is complete, it is stored in hangar 204, previously an aircraft hangar and aircraft maintenance unit (AMU). This is causing a reduction in maintenance space which is being mitigated with close attention to scheduling of remaining hangar spaces. The COFT cannot be used as designed because it is physically too far from the associated CV-22 WST. Project is essential in providing a proper training environment to allow the 551st SOS to educate special operations personnel with critical skills required to conduct successful missions.

IMPACT IF NOT PROVIDED: The government will lease temporary facilities at an annual Operations and Maintenance (O&M) expense of $375K/year. The unit will continue to be geographically separated from operational training requirements. The lack of adequate staff, instructor and student administrative and secure academic space will adversely impact the mission of training Air Commandos in SOF unique skills. Existing SOF personnel routinely deploying to remote locations and conducting team operations in a joint environment with other U.S. agencies and other nations' forces are impacted by inefficient training schedules potentially reducing their availability or training currency. Planned course expansion and SOF subject improvements, primarily for courses requiring secure compartmented information facility classrooms, will be delayed. This shortfall in critical education availability will degrade capability and limit the ability to adjust to new global threats and evolving missions supporting Overseas Contingency Operations. Additionally, increased flying hours will be required at a higher rate than using a simulator to complete required training sorties. Premium flightline access will be taken for training activities at the expense of operational activities. Existing hangar/AMU will be unable to be used for its intended use, aircraft maintenance.

ADDITIONAL: This project meets the criteria/scope specified in Air Force Manual 32-1084, "Facility Requirements". A preliminary analysis of reasonable options for accomplishing this project (status quo, upgrade/removal, new construction) was done. It indicates this project is the preferred alternative. The completed economic analysis is pending. Anti-terrorism/force protection measures will be included in accordance with Unified Facilities Criteria (UFC) 4-010-01, DOD Minimum Anti-terrorism Standards for Buildings dated 9 February 2012. Sustainable engineering principles will be integrated into the design, development, and construction of the project in accordance with the Energy Policy Act 2005, Executive Orders 13123 and 13423, 10 United States Code (USC) 2802 (c), and other applicable laws and Executive orders. The project cost above includes NM Gross Receipts Tax.

1. Component	FY2016 MILITARY CONSTRUCTION PROJECT DATA	2. Date
USSOCOM		FEB 2015

3. Installation and Location/UIC:	4. Project Title
CANNON AIR FORCE BASE, NEW MEXICO	SOF SQUADRON OPERATIONS FACILITY

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
1140494BB	141	CZQZ083021	11,565

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 2015	35%
(c) Date Design 35% Complete	Jan 15
(d) Date Design 100% Complete	Aug 16
(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 specification	0
(b) All Other Design Costs	702
(c) Total Cost (a + b or d + e)	702
(d) Contract Cost	468
(e) In-House Cost	234
(4) Construction Contract Award Date	Jan 16
(5) Construction Start Date	Apr 16
(6) Construction Completion Date	Jan 18

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	2018	1,360
C4I Equipment	O&M, D-W	2018	500

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1. Component	FY2016 MILITARY CONSTRUCTION PROJECT DATA	2. Date
USSOCOM		FEB 2015

3. Installation and Location/UIC:	4. Project Title
CANNON AIR FORCE BASE, NEW MEXICO	SOF SQUADRON OPERATIONS FACILITY

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
1140494BB	141	CZQZ083021	11,565

Air Force Special Operations Command
Telephone: (850) 884-2260

1. Component	FY2016 MILITARY CONSTRUCTION PROJECT DATA	2. Date
USSOCOM		FEB 2015

3. Installation and Location/UIC:	4. Project Title
CANNON AIR FORCE BASE, NEW MEXICO	SOF ST OPERATIONAL TRAINING FACILITIES

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
1140494BB	141	CZQZ133003	13,146

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
PRIMARY FACILITY				8,913
AQUATIC TRAINING CENTER (CC14118) (20,100 SF)	SM	1,871	2,670	(4,996)
INDOOR SMALL ARMS RANGE (CC17147) (13,000 SF)	SM	1,208	3,100	(3,745)
SUSTAINABLE DESIGN AND DEVELOPMENT AND ENERGY POLICY ACT 2005 COMPLIANCE	LS	--	--	(172)
SUPPORTING FACILITIES				2,520
UTILITIES	LS	--	--	(690)
PAVEMENTS	LS	--	--	(610)
SITE IMPROVEMENTS	LS	--	--	(440)
COMMUNICATIONS	LS	--	--	(230)
PASSIVE FORCE PROTECTION MEASURES	LS	--	--	(50)
BULLET TRAP	EA	--	--	(500)

ESTIMATED CONTRACT COST				11,433
CONTINGENCY (5%)				572

SUBTOTAL				12,005
SUPERVISION, INSPECTION AND OVERHEAD (5.7%)				684

SUBTOTAL				12,689
DESIGN BUILD DESIGN COST (4.0%)				457

TOTAL REQUEST				13,146
TOTAL REQUEST (ROUNDED)				13,146
EQUIPMENT FROM OTHER APPROPRIATIONS (NON-ADD)				(890)

10. Description of Proposed Construction: Construct an indoor aquatic training center and an indoor small arms firing range. Structures will consist of foundation and floor slab, structural framing, insulated walls and roof, environmental control, fire detection and suppression. Aquatic training center functional areas include: 25-meter long multi-lane pool with sloping profile and appropriated dimensions to support 30 personnel simultaneously during dive procedures, equipment storage area, restrooms with lockers and showers. Indoor firing range functional areas include: seven firing points range with bullet trap, a weapons cleaning area, a small classroom, administrative space with associated storage, range storage, minimum ammunition storage, restrooms with showers and lockers. The small arms firing range will also be suitable for use with rifles and machine guns using 7.62 mm ammunition. Project includes utilities, pavements, site improvements, communications and all necessary support. Special site conditions involve proximity to abandoned dirt runway and construction of primary roadway and utilities with long runs to project site.
Air conditioning: 207 kW (59 tons)

11. Requirement: 3,079 SM (33,100 SF) **Adequate:** 0 SM **Substandard:** 0 SM
PROJECT: SOF Special Tactics Operational Training Facilities

1. Component	FY2016 MILITARY CONSTRUCTION PROJECT DATA	2. Date
USSOCOM		FEB 2015

3. Installation and Location/UIC:	4. Project Title
CANNON AIR FORCE BASE, NEW MEXICO	SOF ST OPERATIONAL TRAINING FACILITIES

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
1140494BB	141	CZQZ133003	13,146

REQUIREMENT: Provide properly sized and configured facilities for an indoor aquatic training center and indoor firing range in support of 26th Special Tactics Squadron (STS) initial qualification and recurring proficiency training requirements in swimming, diving and small arms. Aquatic training required for 26th STS with 189 assigned personnel includes hands-on dive operations training, dive procedures review, emergency dive procedures, and swim fitness training and evaluation (1500 meter swim test). Required aquatics training amounts to an average of 31 hours per person per year. Therefore, an estimated 103 (8-hour) days of pool training per year is necessary to meet squadron training requirements. Small arms required training for the 26 STS personnel consists of proficiency training on multiple small arms weapons with an average of 72 hours per person per year. Therefore for a seven firing point indoor range, an estimated 293 (8-hour) days of small arms training per year is necessary to meet squadron training requirements. These facilities are essential to properly maintain the readiness and promote continued skill growth in these personnel and to establish well equipped, well trained, and cohesive teams. Currency in aquatic and small arms skills is essential to support these special operations forces who conduct missions behind enemy lines in some of the nation's most demanding missions.

CURRENT SITUATION: The 26 STS will be the tenth operational squadron to arrive under the Air Force Special Operations Command beddown. Cannon AFB does not have a facility suited for special operations aquatics training. The single existing outdoor 45-meter pool is neither year-round capable nor designed to support the STS rigorous training schedule while accommodating the base population for recreational purposes. The existing small arms firing range with 26 firing points and associated Combat Arms Training and Maintenance facility is not sized to support the base population and the additional requirements of the 26th STS. This project is essential to allow the 26th STS to maintain specialized initial qualification and proficiency training that cannot currently be accomplished on Cannon AFB with existing facilities.

IMPACT IF NOT PROVIDED: If this project is not funded, Cannon AFB will not be able to support local pre-deployment training. Lack of firing range and aquatic training capacity will force an already heavily deployed unit to other locations for recurring TDYs to accomplish training and mission rehearsals resulting in reduced home and family time. Unit and team cohesion will be disrupted by sending personnel TDY to other bases to conduct this training adversely impacting the efficiency of day to day home station operations and the ability to rapidly provide fully trained and qualified special tactics support for worldwide deployment and the assignment to regional unified commands on short notice. Potential negative consequences include deployment delays and degraded mission capabilities.

ADDITIONAL: This project has a reduced criteria/scope specified in Air Force Manual 32-1084, "Facility Requirements." A request for HQ AFSFC/SFWX deviation from the criteria in ETL 11-18 reducing the minimum firing lanes from 14 to 7 and reduced support spaces will be submitted by the owning MAJCOM; HQ AFSOC. Because preliminary this facility is specifically for the 26th STS, not all support spaces in ETL 11-18 are required. An analysis of reasonable options for accomplishing this project (status quo, upgrade/removal, new construction) was done. It indicates this project is the preferred alternative. The completed economic analysis is pending. Anti-terrorism/force protection measures will be included in accordance with Unified Facilities Criteria (UFC) 4-010-01, DOD Minimum Anti-terrorism Standards for Buildings dated 9 February 2012.

1. Component	FY2016 MILITARY CONSTRUCTION PROJECT DATA	2. Date
USSOCOM		FEB 2015

3. Installation and Location/UIC:	4. Project Title
CANNON AIR FORCE BASE, NEW MEXICO	SOF ST OPERATIONAL TRAINING FACILITIES

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
1140494BB	141	CZQZ133003	13,146

Sustainable engineering principles will be integrated into the design, development, and construction of the project in accordance with the Energy Policy Act 2005, Executive Orders 13123 and 13423, 10 United States Code (USC) 2802 (c), and other applicable laws and Executive orders.
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 2015	35%
(c) Date Design 35% Complete	Jan 15
(d) Date Design 100% Complete	Aug 16
(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 specification	0
(b) All Other Design Cost	798
(c) Total Cost (a + b or d + e)	798
(d) Contract Cost	532
(e) In-House Cost	266
(4) Construction Contract Award Date	Jan 16
(5) Construction Start Date	Apr 16
(6) Construction Completion Date	Jan 18

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	2018	700
C4I Equipment	O&M, D-W	2018	190

Air Force Special Operations Command
Telephone: (85) 884-2260

1. COMPONENT	FY 2016 MILITARY CONSTRUCTION PROGRAM	2. DATE
USSOCOM		FEB 2015

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)	0.95

6. PERSONNEL STRENGTH

	PERMANENT			STUDENTS			SUPPORTED			
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF SEP 14	301	1743	183	23	130	0	0	0	0	2380
B. END FY 20	410	2427	281	20	130	0	0	0	0	3268

7. INVENTORY DATA ($000)

A. TOTAL AREA (ACRES)	156,000
B. INVENTORY TOTAL AS OF SEP 14	96,195
C. AUTHORIZATION NOT YET IN INVENTORY (FY 12-15)	109,067
D. AUTHORIZATION REQUESTED IN THIS PROGRAM (FY16)	69,006
E. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM (FY17)	0
F. PLANNED IN NEXT THREE YEARS (FY 18-20)	33,939
G. REMAINING DEFICIENCY	18,206
H. GRAND TOTAL	326,413

8. PROJECTS REQUESTED IN THIS PROGRAM:

CATEGORY CODE	PROJECT TITLE	SCOPE	COST ($000)	DESIGN STATUS START	DESIGN STATUS COMPLETE
143	SOF MARINE BATTALION COMPANY/ TEAM FACILITIES	21,779 SM (234,350 SF)	54,970	08/14	08/15
214	SOF COMBAT SERVICE SUPPORT FACILITY	5,020 SM (54,020 SF)	14,036	08/14	08/15

9. FUTURE PROJECTS

CATEGORY CODE	PROJECT TITLE	SCOPE	COST ($000)
a. Included in Following Program (FY17)			
b. Planned Next Three Years (FY18-20):			
214	SOF MOTOR TRANSPORT MAINTENANCE EXPANSION	5,853 SM (63,000 SF)	20,539
143	SOF MARINE SPECIAL OPERATIONS REGIMENT HEADQUARTERS	2,787 SM (30,000 SF)	13,400

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	FY2016 MILITARY CONSTRUCTION PROJECT DATA	2. Date
USSOCOM		FEB 2015

3. Installation and Location/UIC:	4. Project Title
MARINE CORPS BASE, CAMP LEJEUNE, NORTH CAROLINA	SOF COMBAT SERVICE SUPPORT FACILITY

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
1140494BB	214	P1288	14,036

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
PRIMARY FACILITIES				9,310
COMBAT SERVICE SUPPORT FACILITY (CC21453)(44,010 SF)	SM	4,090	1,900	(7,771)
COMBAT SERVICE SUPPORT ANCILLARY BUILDINGS (CC21451)(10,010 SF)	SM	930	1,500	(1,395)
OPERATIONS AND MAINTENANCE SUPPORT INFORMATION	LS	--	--	(42)
SUSTAINABLE DESIGN AND DEVELOPMENT AND ENERGY ACT 2005 COMPLIANCE	LS	--	--	(102)
SUPPORTING FACILITIES				3,337
SPECIAL CONSTRUCTION FEATURES	LS	--	--	(510)
ELECTRICAL UTILITIES	LS	--	--	(530)
MECHANICAL UTILITIES	LS	--	--	(752)
PAVING AND IMPROVEMENTS	LS	--	--	(1,417)
ENVIRONMENTAL MITIGATION	LS	--	--	(81)
PASSIVE FORCE PROTECTION MEASURES	LS	--	--	(47)

ESTIMATED CONTRACT COST				12,647
CONTINGENCY (5.0%)				632

SUBTOTAL				13,279
SUPERVISION, INSPECTION AND OVERHEAD (5.7%)				757

TOTAL REQUEST				14,036
TOTAL REQUEST (ROUNDED)				14,036
EQUIPMENT PROVIDED FROM OTHER APPROPRIATIONS				(1,213)

10. Description of Proposed Construction: Construct a 4,090 SM (44,010 SF) Combat Service Support Facility, 930 SM (10,010 SF) ancillary buildings, and miscellaneous supporting structures, 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, and translucent wall panels. Built-in equipment includes gear storage cages, loading docks, compressors, mezzanine storage, overhead cranes, oil-water separators, and casework. Special construction features include pile foundations, 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, energy management control 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 communications, and cable television, and area lighting. Special construction includes sustainable construction features complying with Leadership in Energy and Environmental Design (LEED) Silver certification. Air

1. Component	FY2016 MILITARY CONSTRUCTION PROJECT DATA	2. Date
USSOCOM		FEB 2015

3. Installation and Location/UIC:	4. Project Title
MARINE CORPS BASE, CAMP LEJEUNE, NORTH CAROLINA	SOF COMBAT SERVICE SUPPORT FACILITY

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
1140494BB	214	P1288	14,036

conditioning: 551 kW (157 tons).

11. Requirement: 5,018 SM (54,020 SF) **Adequate:** 0 SM **Substandard:** 0 SM

PROJECT: Construct facilities for a Marine Special Operations Support Group's (MSOSG) support battalions under U.S. Marine Corps Forces Special Operations Command (MARSOC).

REQUIREMENT: The Basic Facilities Requirement (BFR) deficit for MSOSG support battalions includes headquarters, administrative, storage, and maintenance spaces. Obtaining adequate facilities for these support battalions, which are co-located at Stone Bay with the remainder of the MARSOC Force Structure (Headquarters, Regiment, Battalions, ranges, medical, billeting), is necessary to provide support services for the Special Operations Forces (SOF).

CURRENT SITUATION: The MSOSG support battalions currently occupy temporary leased trailers and modular facilities. There are no permanent facilities available at Stone Bay for the MSOSG support battalions. This project is a key phase in the development of the Stone Bay Complex where multiple other projects (billeting, ranges, academic, administrative) have been constructed to support the consolidation of MARSOC's Force Structure.

IMPACT IF NOT PROVIDED: MARSOC mission preparation and execution will be jeopardized. MARSOC will be unable to adequately support operational units if the MSOSG support battalions continue to occupy temporary leased trailers and modular facilities.

ADDITIONAL: No life cycle costs have been calculated at this time. Sustainable engineering principles will be integrated into the design, development, and construction of the project in accordance with Executive Order 13423, 10 United States Code 2802 (c), and other applicable laws and executive orders. Anti-terrorism/force protection standards will be incorporated into the design, development, and construction of this facility in accordance with Unified Facilities Criteria 04-010-01, DOD Minimum Anti-terrorism Standards for Buildings dated 9 February 2012 and all applicable updates.

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	Aug 14
(b) Percent Complete as of January 2015	35%
(c) Date Design 35% Complete	Dec 14
(d) Date Design 100% Complete	Aug 15
(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	680

1. Component	FY2016 MILITARY CONSTRUCTION PROJECT DATA	2. Date
USSOCOM		FEB 2015

3. Installation and Location/UIC:	4. Project Title
MARINE CORPS BASE, CAMP LEJEUNE, NORTH CAROLINA	SOF COMBAT SERVICE SUPPORT FACILITY

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
1140494BB	214	P1288	14,036

(b) All Other Design Costs	172
(c) Total Cost (a + b or d + e)	852
(d) Contract Cost	800
(e) In-House Cost	52
(4) Construction Contract Award Date	Jan 16
(5) Construction Start Date	Mar 16
(6) Construction Completion Date	Mar 18

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	2017	443
Collateral Equipment	PROC, D-W	2017	593
C4I Equipment	O&M, D-W	2017	177

U.S. Marine Corps Forces Special Operations Command
Telephone: (910) 440-0725/0726

1. Component	FY2016 MILITARY CONSTRUCTION PROJECT DATA	2. Date
USSOCOM		FEB 2015

3. Installation and Location/UIC:	4. Project Title:
MARINE CORPS BASE CAMP LEJEUNE, NORTH CAROLINA	SOF MARINE BATTALION COMPANY/TEAM FACILITIES

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
1140494BB	143	P1219	54,970

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
PRIMARY FACILITIES				40,760
BATTALION HQ FACILITIES (CC61072) (62,410 SF)	SM	5,800	1,900	(11,020)
COMPANY HQ/TEAM FACILITIES (CC14325) (140,420 SF)	SM	13,050	1,900	(24,795)
COMPANY STORAGE BUILDINGS (CC44112) (16,000 SF)	SM	1,487	1,500	(2,231)
BATTALION AIDE MODIFICATIONS (CC61074) (3,000 SF)	SM	279	2,200	(614)
MODIFY GATE/VISITORS CENTER (CC73025) (2,510 SF)	SM	233	1,500	(350)
OPERATIONS BUILDINGS (CC14324) (10,010 SF)	SM	930	1,600	(1,488)
OPERATIONS AND MAINTENANCE SUPPORT INFORMATION	LS	--	--	(62)
SUSTAINABLE DESIGN AND DEVELOPMENT AND ENERGY ACT 2005 COMPLIANCE	LS	--	--	(200)
SUPPORTING FACILITIES				8,770
SPECIAL CONSTRUCTION FEATURES	LS	--	--	(940)
ELECTRICAL UTILITIES	LS	--	--	(1,150)
MECHANICAL UTILITIES	LS	--	--	(1,560)
PAVING AND IMPROVEMENTS	LS	--	--	(3,911)
ENVIRONMENTAL MITIGATION	LS	--	--	(1,005)
PASSIVE FORCE PROTECTION MEASURES	LS	--	--	(204)

ESTIMATED CONTRACT COST				49,530
CONTINGENCY (5.0%)				2,476

SUBTOTAL				52,006
SUPERVISION, INSPECTION AND OVERHEAD (5.7%)				2,964

TOTAL REQUEST				54,970
TOTAL REQUEST (ROUNDED)				54,970
EQUIPMENT PROVIDED FROM OTHER APPROPRIATIONS				(7,350)

10. Description of Proposed Construction: Construct a 5,800 SM (62,410 SF) SOF Marine Battalion Headquarters and Battalion Supply; 13,050 SM (140,420 SF) Company Headquarters and Team Facilities; 1,487 SM (16,000 SF) Company Storage Buildings; 279 SM (3000 SF) Battalion Aide Station Modifications at Building RR440; 233 SM (2,510 SF) Gate Canopy and Visitors Center; 930 SM (10,010 SF) Operations Buildings; and miscellaneous supporting structures, 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, and translucent wall panels. Built-in equipment includes gear storage cages, loading docks, compressors, mezzanine storage, and casework. Special construction features include pile foundations, 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, energy management control systems, and digital

1. Component	FY2016 MILITARY CONSTRUCTION PROJECT DATA		2. Date
USSOCOM			FEB 2015
3. Installation and Location/UIC: MARINE CORPS BASE CAMP LEJEUNE, NORTH CAROLINA		4. Project Title: SOF MARINE BATTALION COMPANY/TEAM FACILITIES	
5. Program Element: 1140494BB	6. Category Code: 143	7. Project Number: P1219	8. Project Cost ($000): 54,970

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. Special construction includes sustainable construction features complying with Leadership in Energy and Environmental Design (LEED) Silver certification. Air conditioning: 2,391 kW (680 tons).

11. Requirement: 21,779 SM (234,350 SF) **Adequate:** 0 SM **Substandard:** 0 SM

PROJECT: Construct facilities for a Battalion Headquarters and four subordinate companies that comprise the 2d Marine Special Operations Battalion (2d MSOB) under U.S. Marine Corps Forces Special Operations Command (MARSOC).

REQUIREMENT: The project is necessary to complete the SOF Battalion consolidation under MARSOC's Stone Bay Complex. Obtaining adequate 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: 2d MSOB is currently located in a geographically separated and undersized temporary complex that includes three 10,000 square feet fabric tension shelters and a 1940's vintage squad bay barracks being utilized as an administrative building. These interim facilities are planned for demolition or reuse by other tenants aboard Camp Lejeune. There are no existing battalion or company facilities at Stone Bay to support the migration of 2d MSOB. 3d Marine Special Operations Battalion (3d MSOB) facilities are currently under construction at Stone Bay. In addition, multiple projects to support the MARSOC Force Structure (billeting, ranges, academic, administrative, support elements) have already been constructed at the Stone Bay Complex.

IMPACT IF NOT PROVIDED: MARSOC mission preparation and execution are jeopardized. MARSOC will be unable to adequately support operational battalion 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. Sustainable engineering principles will be integrated into the design, development, and construction of the project in accordance with Executive Order 13423, 10 United States Code 2802 (c), and other applicable laws and executive orders. Anti-terrorism/force protection standards will be incorporated into the design, development, and construction of this facility in accordance with Unified Facilities Criteria 04-010-01, DOD Minimum Anti-terrorism Standards for Buildings dated 9 February 2012 and all applicable updates.

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

1. Component	FY2016 MILITARY CONSTRUCTION PROJECT DATA	2. Date
USSOCOM		FEB 2015

3. Installation and Location/UIC:	4. Project Title:
MARINE CORPS BASE CAMP LEJEUNE, NORTH CAROLINA	SOF MARINE BATTALION COMPANY/TEAM FACILITIES

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
1140494BB	143	P1219	54,970

(a) Date Design Started	Aug 14
(b) Percent Complete as of January 2015	35%
(c) Date Design 35% Complete	Dec 14
(d) Date Design 100% Complete	Aug 15
(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	2,760
(b) All Other Design Costs	598
(c) Total Cost (a + b or d + e)	3,358
(d) Contract Cost	3,050
(e) In-House Cost	308
(4) Construction Contract Award Date	Jan 16
(5) Construction Start Date	Mar 16
(6) Construction Completion Date	Mar 18

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	2017	3,088
Collateral Equipment	PROC, D-W	2017	1,050
C4I Equipment	O&M, D-W	2017	2,390
C4I Equipment	PROC, D-W	2017	822

U.S. Marine Corps Forces Special Operations Command
Telephone: (910) 440-0725/0726

1. COMPONENT	FY 2016 MILITARY CONSTRUCTION PROGRAM	2. DATE
USSOCOM		FEB 2015

3. INSTALLATION AND LOCATION	11. COMMAND	5. AREA CONSTRUCTION COST INDEX
FORT BRAGG, NORTH CAROLINA	AIR FORCE SPECIAL OPERATIONS COMMAND	0.88

6. PERSONNEL STRENGTH

	PERMANENT			STUDENTS			SUPPORTED			
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF SEP 14	24	152	4	0	0	0	0	0	0	180
B. END FY 20	22	146	4	0	0	0	0	0	0	172

7. INVENTORY DATA ($000)

A. TOTAL AREA (ACRES)	2
B. INVENTORY TOTAL AS OF SEP 14	71,627
C. AUTHORIZATION NOT YET IN INVENTORY (FY 14-15)	0
D. AUTHORIZATION REQUESTED IN THIS PROGRAM (FY 16)	16,863
E. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM (FY17)	0
F. PLANNED IN NEXT THREE YEARS (FY 18-20)	0
G. REMAINING DEFICIENCY	0
H. GRAND TOTAL	88,490

8. PROJECTS REQUESTED IN THIS PROGRAM:

CATEGORY CODE	PROJECT TITLE	SCOPE	COST ($000)	DESIGN STATUS START	DESIGN STATUS COMPLETE
141	SOF 21 STS OPERATIONS FACILITY	5,091 SM (54,800 SF)	16,863	10/14	08/16

9. FUTURE PROJECTS

CATEGORY CODE	PROJECT TITLE	SCOPE	COST ($000)

a. Included in Following Program (FY17)
NONE

b. Planned Next Three Years (FY18-20):
NONE

c. RPM Backlog: N/A

10. MISSION OR MAJOR FUNCTION

Tenant Special Operations Unit 21st Special Tactics Squadron, organizes, trains and equips special tactics forces to rapidly provide airmanship expertise to establish and control the air-to-ground interface in an objective area on short notice.

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES

N/A

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PREVIOUS EDITIONS MAY BE USED
INTERNALLY UNTIL EXHAUSTED

1. Component	FY2016 MILITARY CONSTRUCTION PROJECT DATA	2. Date
USSOCOM		FEB 2015

3. Installation and Location/UIC:	4. Project Title
FORT BRAGG, NORTH CAROLINA	SOF 21 STS OPERATIONS FACILITY

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
1140494BB	141	TMKH003003	16,863

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
PRIMARY FACILITY				11,328
SQUADRON OPERATIONS (CC 14145) (41,800 SF)	SM	3,883	1,955	(7,591)
INDOOR SMALL ARMS RANGE (CC17147) (13,000 SF)	SM	1,208	2,910	(3,515)
SUSTAINABLE DESIGN AND DEVELOPMENT AND ENERGY	LS	--	--	(222)
POLICY ACT 2005 COMPLIANCE				
SUPPORTING FACILITIES				3,337
UTILITIES	LS	--	--	(436)
PAVEMENTS	LS	--	--	(677)
SITE IMPROVEMENTS	LS	--	--	(946)
COMMUNICATIONS	LS	--	--	(535)
PASSIVE FORCE PROTECTION MEASURES	LS	--	--	(56)
SPECIAL SITE CONDITIONS	LS	--	--	(283)
BULLET TRAP	LS	--	--	(404)

ESTIMATED CONTRACT COST				14,665
CONTINGENCY (5%)				733

SUBTOTAL				15,398
SUPERVISION, INSPECTION AND OVERHEAD (5.7%)				878

SUBTOTAL				16,276
DESIGN BUILD DESIGN COSTS (4.0%)				587

TOTAL REQUEST				16,863
TOTAL REQUEST (ROUNDED)				16,863
EQUIPMENT FROM OTHER APPROPRIATIONS (NON-ADD)				(2,665)

10. Description of Proposed Construction: Special Tactics team building, small arms range (7 firing points), human performance training center (HPTC), covered scuba rinse/drying area and boat storage. Facilities shall have foundations and floor slabs, structural framing, insulated walls and roofs, environmental control, fire detection and suppression. Functional areas include operations, logistics, medical, team rooms, simulator room, physical therapy, physical training, classroom, associated staff offices, storage and staging areas, and bathrooms. Includes utilities, parking, communications, passive force protection and all other necessary support. Special site conditions involve requirement for multiple retaining walls and storm water runoff control to accommodate significant grade changes on the site. Air conditioning: 301 kW (87 tons)

11. Requirement: 5,091 SM (54,800 SF) **Adequate:** 0 SM **Substandard:** 0 SM

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

1. Component	FY2016 MILITARY CONSTRUCTION PROJECT DATA	2. Date
USSOCOM		FEB 2015

3. Installation and Location/UIC:	4. Project Title
FORT BRAGG, NORTH CAROLINA	SOF 21 STS OPERATIONS FACILITY

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
1140494BB	141	TMKH003003	16,863

qualification. It is essential to properly maintain the readiness and promote continued skill growth 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. Human performance aims to prevent or at least reduce the frequency and severity of injuries and to accelerate return to duty. It also aims to reduce medical discharges; improving retention of these highly trained personnel.

CURRENT SITUATION: The unit has more than doubled in size since 2007, increasing from 68 to 172 personnel. As a result the unit was moved into whatever facilities were available. The STS is currently in two geographically separated areas and scattered among six high-maintenance facilities with sub-optimal storage and staging areas. This dispersed situation reduces communication and logistic efficiencies and creates 22 hours of delays during deployment preparation. In order to meet deployment deadlines, the teams are forced to work longer hours with the added requirement to transport personnel and equipment from the secondary areas to the main area. Existing team rooms and team cage areas are not adequately sized to support the current personnel numbers. The equipment required for each operator is currently exposed to inadequate temperature and humidity control; increasing risk for damage to these expensive and limited equipment items. Lack of an adequate HPTC space adversely impacts the implementation of this critical program potentially reducing availability of deployable personnel and overall retention. The existing army controlled small arms range is prohibitively difficult to schedule in a timely manner with a 38% cancelation rate. The unit currently contracts an average of $50,000 per year for local public range time. Inadequate facilities potentially impact the availability of combat controller with other service Special Operations Forces (SOF) to form versatile joint special operations teams.

IMPACT IF NOT PROVIDED: Lack of adequate STS operations facilities will adversely impact the efficiency of day-to-day home station operations and the ability to rapidly provide fully trained and qualified special tactics support for worldwide deployment and the assignment to regional unified commands. Even with the added civilian range use, unit members still require last-minute small arms training before deployment to meet the proficiency standards. A dedicated facility is needed to ensure the 21st STS stay current in qualification standards for some of the many weapons they must qualify on. The facilities shortfalls also potentially impact the timely integration of special tactics personnel with other service Special Operations Forces (SOF) to form versatile joint special operations teams.

ADDITIONAL: This project meets the criteria/scope specified in Air Force Manual 32-1084, "Facility Requirements." An economic analysis has been completed by the Army host installation in February 2013. Anti-terrorism/force protection measures will be included in accordance with Unified Facilities Criteria (UFC) 4-010-0, DOD Minimum Anti-terrorism Standards for Buildings dated 9 February 2012. Sustainable engineering principles will be integrated into the design,

1. Component	FY2016 MILITARY CONSTRUCTION PROJECT DATA	2. Date
USSOCOM		FEB 2015

3. Installation and Location/UIC:	4. Project Title
FORT BRAGG, NORTH CAROLINA	SOF 21 STS OPERATIONS FACILITY

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
1140494BB	141	TMKH003003	16,863

development, and construction of the project in accordance with the Energy Policy Act 2005, Executive Orders 13123 and 13423, 10 United States Code (USC) 2802 ©, and other applicable laws and Executive orders.

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 2015	35%
(c) Date Design 35% Complete	Jan 15
(d) Date Design 100% Complete	Aug 16
(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	0
(b) All Other Design Costs	1,024
(c) Total Cost (a + b or d + e)	1,024
(d) Contract Cost	690
(e) In-House Cost	334
(4) Construction Contract Award Date	Jan 16
(5) Construction Start Date	Apr 16
(6) Construction Completion Date	Jan 18

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	2018	2,210
C4I Equipment	O&M, D-W	2018	455

Air Force special Operations Command
Telephone: (850) 884-2260

1. COMPONENT	FY 2016 MILITARY CONSTRUCTION PROGRAM	2. DATE
USSOCOM		FEB 2015

3. INSTALLATION AND LOCATION	4. COMMAND	5. AREA CONSTRUCTION COST INDEX
FORT BRAGG, NORTH CAROLINA	JOINT SPECIAL OPERATIONS COMMAND	0.88

6. PERSONNEL STRENGTH	PERMANENT			STUDENTS			SUPPORTED			
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF SEP 14	327	706	583	0	0	0	0	0	0	1,616
B. END FY 20	328	703	649	0	0	0	0	0	0	1,680

7. INVENTORY DATA ($000)

A. TOTAL AREA (ACRES)	399
B. INVENTORY TOTAL AS OF SEP 14	237,862
C. AUTHORIZATION NOT YET IN INVENTORY (FY 13-15)	64,245
D. AUTHORIZATION REQUESTED IN THIS PROGRAM (FY 16)	52,190
E. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM (FY17)	31,192
F. PLANNED IN NEXT THREE YEARS (FY 18-20)	27,906
G. REMAINING DEFICIENCY	16,100
	429,495

8. PROJECTS REQUESTED IN THIS PROGRAM:

CATEGORY CODE	PROJECT TITLE	SCOPE	COST ($000)	DESIGN STATUS START	DESIGN STATUS COMPLETE
171	SOF INDOOR RANGE	4,760 SM (51,200 SF)	8,303	8/14	8/15
141	SOF SPECIAL TACTICS FACILITY (PH 2)	10,796 SM (116,200 SF)	43,887	8/14	10/15

9. FUTURE PROJECTS

CATEGORY CODE	PROJECT TITLE	SCOPE	COST ($000)
a. Included in Following Program (FY17):			
141	SOF SPECIAL TACTICS FACILITY (PH 3)	11,330 SM (122,000 SF)	31,192
b. Planned Next Three Years (FY 18-20):			
390	SOF TELECOM RELIABILITY IMPROVEMENTS	366 M (1,200 LF)	3,961
178	SOF REPLACE MAZE AND TOWER	855 SM (9,200 SF)	12,193
171	SOF MILITARY WORKING DOG FACILITY	1,115 SM (12,000 SF)	4,671
171	SOF CLOSE QUARTERS COMBAT RANGE	2,973 SM (32,000 SF)	7,081
c. RPM Backlog: N/A			

10. MISSION OR MAJOR FUNCTION

Fort Bragg'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.

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.

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES

N/A

1. Component	FY 2016 MILITARY CONSTRUCTION PROJECT DATA	2. Date
USSOCOM		FEB 2015

3. Installation and Location/UIC:	4. Project Title
FORT BRAGG, NORTH CAROLINA	SOF INDOOR RANGE

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
1140415BB	171	76518	8,303

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
PRIMARY FACILITY				7,152
INDOOR RANGE (CC 17121) (51,200 SF)	SM	4,760	1,460	(6,950)
BUILDING INFORMATION SYSTEMS	LS	--	--	(25)
SUSTAINABLE DESIGN AND DEVELOPMENT AND ENERGY POLICY ACT 2005 COMPLIANCE	LS	--	--	(125)
EMCS CONNECTIONS	LS	--	--	(52)
SUPPORTING FACILITIES		--	--	329
ELECTRICAL SERVICE	LS	--	--	(31)
WATER SERVICE	LS	--	--	(105)
STORM DRAINAGE	LS	--	--	(100)
SITE IMPROVEMENTS	LS	--	--	(65)
INFORMATION SYSTEMS	LS	--	--	(28)

ESTIMATED CONTRACT COST				7,481
CONTINGENCY (5.0%)				374

SUBTOTAL				7,855
SUPERVISION, INSPECTION & OVERHEAD (5.7%)				448

TOTAL REQUEST				8,303
TOTAL REQUEST (ROUNDED)				8,303
EQUIPMENT PROVIDED FROM OTHER APPROPRIATIONS				(147)

10. Description of Proposed Construction: Construct a new single-story indoor range of approximately 4,760 SM (51,200 SF) at the Aberdeen Training Facility (ATF) to support Special Operations Forces (SOF) personnel. The indoor range functional areas include the firing range with 32 firing points and a ballistic bullet trap wall, staging/mechanical/maintenance, sprinkler riser room, automatic fire suppression systems, uninterrupted power service (UPS), and security system. Support facilities include water, storm drainage, access walkway, electrical and communications systems, exterior lighting and landscaping. Anti-terrorism/force protection measures and sustainment mandates will be incorporated. No air conditioning provided.

11. Requirement: 4,760 SM (51,200 SF) **Adequate:** 0 SM **Substandard:** 0 SM

PROJECT: Construct an Indoor Firing Range.

REQUIREMENT: Provide an adequate and permanent indoor firing range facility to support present and future SOF weapons training.

CURRENT SITUATION: The existing ATF outdoor firing range is inadequate to support high training demands, caliber restrictions, and current range OPTEMPO in all-weather/visibility environments. This deficiency, combined with on-going and programmed MILCON growth at ATF will make the existing outdoor firing range not only inadequate, but also totally impractical and unsafe. This project is urgently required to support critical and mandatory SOF weapons training in order for SOF personnel to maintain operational readiness, which is critical to accomplish specialized assignments and missions.

1. Component	FY 2016 MILITARY CONSTRUCTION PROJECT DATA	2. Date
USSOCOM		FEB 2015

3. Installation and Location/UIC:	4. Project Title
FORT BRAGG, NORTH CAROLINA	SOF INDOOR RANGE

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
1140415BB	171	76518	8,303

IMPACT IF NOT PROVIDED: If not constructed, SOF weapons training and operational readiness will continue to be adversely affected, negatively impacting training and operational capabilities vital to USSOCOM missions. As a result, mission readiness will be severely impacted.
ADDITIONAL: This project is subject to all applicable provisions of the Fort Bragg Installation Design Guide. Site planning and improvements will preserve as much natural vegetation as possible. This project will comply with US Army Corps of Engineers Technical Instruction 800-01. Based on the absence of any acceptable viable alternatives to new construction, it was determined that a formal economic analysis was not required. Sustainable principles 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. Anti-terrorism/Force Protection measures will be in accordance with Unified Facilities Criteria (UFC) 4-010-01, "DOD Minimum Anti-terrorism Standards for Buildings," dated 9 February 2012 with change 1, dated 1 October 2013.
JOINT USE CERTIFICATION: USSOCOM budgets only for those facilities specifically for SOF use. Common support facilities are budgeted by the military departments. Reference Title 10, Section 165.

12. Supplemental Data:

A. Design Data (Estimates)

(1) Status	
(a) Date Design Started	Aug 14
(b) Percent Complete as of January 2015	35%
(c) Date Design 35% Complete	Dec 14
(d) Date Design 100% Complete	Aug 15
(e) Parametric Estimates Used to Develop Cost	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	480
(b) All Other Design Costs	370
(c) Total Cost (a + b or d + e)	850
(d) Contract Cost	600
(e) In-House Cost	250
(4) Construction Contract Award Date	Mar 16
(5) Construction Start Date	May 16
(6) Construction Completion Date	Dec 17

B. Equipment Associated With This Project Which Will be Provided From Other Appropriations:

1. Component	FY 2016 MILITARY CONSTRUCTION PROJECT DATA	2. Date
USSOCOM		FEB 2015

3. Installation and Location/UIC:	4. Project Title
FORT BRAGG, NORTH CAROLINA	SOF INDOOR RANGE

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
1140415BB	171	76518	8,303

Equipment Nomenclature	Procuring Appropriation	FY Appropriated or Requested	Cost ($000)
Collateral Equipment	O&M, D-W	2017	49
C4I Equipment	PROC, D-W	2017	98

Joint Special Operations Command
Telephone: (910) 243-0550

1. Component	FY2016 MILITARY CONSTRUCTION PROJECT DATA	2. Date
USSOCOM		FEB 2015

3. Installation and Location/UIC:	4. Project Title
FORT BRAGG, NORTH CAROLINA	SOF SPECIAL TACTICS FACILITY (PH 2)

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
1140415BB	141	76513	43,887

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
PRIMARY FACILITY				33,057
HEADQUARTERS BUILDING (CC 14182) (39,700 SF)	SM	3,686	2,710	(9,989)
MEDICAL TRAINING BUILDING (CC 17138) (31,300 SF)	SM	2,908	3,879	(11,280)
COMBAT SUPPORT TRAINING BUILDING (CC 14132) (45,200 SF)	SM	4,202	2,436	(10,236)
BUILDING INFORMATION SYSTEMS	LS	--	--	(736)
SUSTAINABLE DESIGN AND DEVELOPMENT AND ENERGY POLICY ACT 2005 COMPLIANCE	LS	--	--	(661)
EMCS CONNECTIONS	LS	--	--	(155)
SUPPORTING FACILITIES		--	--	6,486
ELECTRICAL SERVICE	LS	--	--	(775)
WATER AND SEWER SERVICES	LS	--	--	(1,401)
SITE ACCESS ROAD	LS	--	--	(749)
PAVING, WALKS, CURBS & GUTTERS	LS	--	--	(1,530)
STORM DRAINAGE	LS	--	--	(665)
SITE IMPROVEMENTS	LS	--	--	(1,158)
INFORMATION SYSTEMS	LS	--	--	(208)

ESTIMATED CONTRACT COST				39,543
CONTINGENCY (5.0%)				1,977

SUBTOTAL				41,520
SUPERVISION, INSPECTION AND OVERHEAD (5.7%)				2,367

TOTAL REQUEST				43,887
TOTAL REQUEST (ROUNDED)				43,887
EQUIPMENT PROVIDED FROM OTHER APPROPRIATIONS				(8,218)

10. Description of Proposed Construction: Construct a new two-story headquarters building of approximately 3,686 SM (39,700 SF), two-story medical training facility of approximately 2,908 SM (31,300 SF) and a two story combat support training facility of approximately 4,202 SM (45,200 SF) to serve as the group headquarters facility, medical training facility and combat training facility respectively at Aberdeen Training Facility (ATF). The headquarters building functional areas include command suite, Operations suites, Intel suite, auditorium, Close Air Support (CAS) Simulator, Black Team suite, Unmanned Aerial Vehicle (UAV) suite, conference rooms, cages, communications, latrines and electrical/mechanical spaces. The medical training facility functional areas include administrative offices, flight and logistics training, trauma training, conference room, gym, latrines, communications and electrical spaces, mechanical rooms, automatic fire suppression systems, uninterrupted power service (UPS), security system and storage areas. The medical training building includes an aquatic training center of approximately 849 SM (9,140 SF) square feet. The combat support training building functional areas include leadership offices, supply, armory, parachute packing and drying tower, classrooms, aircrew support spaces, radio and computers, conference rooms, latrines, communications and electrical spaces, mechanical rooms, automatic fire suppression systems, uninterrupted power service (UPS), security system and storage

1. Component	FY2016 MILITARY CONSTRUCTION PROJECT DATA	2. Date
USSOCOM		FEB 2015

3. Installation and Location/UIC:	4. Project Title
FORT BRAGG, NORTH CAROLINA	SOF SPECIAL TACTICS FACILITY (PH 2)

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
1140415BB	141	76513	43,887

areas. Support facilities include water, sanitary sewer, storm drainage, parking lots with access driveways, walks, curbs, electrical and communications systems, exterior lighting and landscaping. The Site Access Road includes approximately 1,780 linear feet of asphalt pavement, access control point (ACP) search lanes, traffic pattern routing at existing ACP, roundabout, associated sidewalks and storm drainage. Electric services include conditioned (isolated, filtered and regulated) power to service computers and computer based communications equipment. Protected wire distribution system will be provided from a manhole to the building. Anti-terrorism/Force protection measures and sustainment mandates will be incorporated.

11. Requirement: 10,796 SM (116,200 SF) **Adequate:** 0 SM **Substandard:** 0 SM

PROJECT: Construct a Special Tactics (ST) Facility consisting of a Headquarters Building, a Medical Training Building and a Combat Support Training Building.

REQUIREMENT: Provide adequate permanent facilities to support existing space deficiencies and to consolidate unit's leadership and operational teams with the support/medical functions at the same location. Deficiency was caused by growth that started in FY07 from the QDR/POM. The project is required to house unit personnel sustaining the ST and its highly sensitive positions conducting current/future missions. The medical training facility will support the unit assigned medical personnel, their equipment and their unit training requirements. A small aquatic training area is necessary for training and operational requirements involving hydrotherapy, maritime operations, scuba, and water related search and rescue tasks.

CURRENT SITUATION: Existing Special Tactics facilities are inadequate to house personnel or equipment and do not meet requirements of additional programmed growth. Organization is in 13 different buildings or trailers and some facilities are located 38 miles from the organization's Headquarters/Support infrastructure.

IMPACT IF NOT PROVIDED: If not constructed, space deficiency and split-based operations will restrict and adversely affect training and operational capabilities vital to USSOCOM missions. As a result, mission readiness will be adversely impacted.

ADDITIONAL: This project is subject to all applicable provisions of the Fort Bragg Installation Design Guide. Site planning and improvements will preserve as much natural vegetation as possible. This project will comply with US Army Corps of Engineers Technical Instruction 800-01. Based on the absence of any acceptable viable alternatives to new construction, it was determined that a formal economic analysis was not required. Sustainable principles 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. Anti-terrorism/Force Protection measures will be in accordance with Unified Facilities Criteria (UFC) 4-010-01 "DOD Minimum Anti-terrorism Standards for Buildings", dated 9 February 2012 with change 1 dated 1 October 2013.

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. Supplemental Data:

A. Design Data (Estimates)

(1) Status

1. Component	FY2016 MILITARY CONSTRUCTION PROJECT DATA	2. Date
USSOCOM		FEB 2015

3. Installation and Location/UIC:	4. Project Title
FORT BRAGG, NORTH CAROLINA	SOF SPECIAL TACTICS FACILITY (PH 2)

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
1140415BB	141	76513	43,887

(a) Date Design Started	Aug 14
(b) Percent Complete as of January 2015	35%
(c) Date Design 35% Complete	Jan 15
(d) Date Design 100% Complete	Oct 15
(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	2,947
(b) All Other Design Costs	563
(c) Total Cost (a + b or d + e)	3,510
(d) Contract Cost	3,000
(e) In-House Cost	510
(4) Construction Contract Award Date	Jun 16
(5) Construction Start Date	Aug 16
(6) Construction Completion Date	Jun 18

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	2017	1,689
C4I Equipment	PROC, D-W	2017	6,529

Joint Special Operations Command
Telephone: (910) 243-0550

1. COMPONENT	FY 2016 MILITARY CONSTRUCTION PROGRAM	2. DATE
USSOCOM		FEB 2015

3. INSTALLATION AND LOCATION	12. COMMAND	5. AREA CONSTRUCTION COST INDEX
FORT BRAGG, NORTH CAROLINA	U.S. ARMY SPECIAL OPERATIONS COMMAND	.88

6. PERSONNEL STRENGTH

	PERMANENT			STUDENTS			SUPPORTED			
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF SEP 14	1,458	6,361	1,586	2,304	11,832	24	0	0	0	23,565
B. END FY 20	1,258	5,614	1,656	2,840	12,329	24	0	0	0	23,721

7. INVENTORY DATA ($000)

A. TOTAL AREA (ACRES)	160,861
B. INVENTORY TOTAL AS OF SEP 14	559,095
C. AUTHORIZATION NOT YET IN INVENTORY (FY 12-15)	547,985
D. AUTHORIZATION REQUESTED IN THIS PROGRAM (FY 16)	66,814
E. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM (FY 17)	63,077
F. PLANNED IN NEXT THREE YEARS (FY 18-20)	192,664
G. REMAINING DEFICIENCY	190,355
H. GRAND TOTAL	1,619,990

8. PROJECTS REQUESTED IN THIS PROGRAM:

CATEGORY CODE	PROJECT TITLE	SCOPE	COST ($000)	DESIGN STATUS START	DESIGN STATUS COMPLETE
141	SOF BATTALION OPERATIONS FACILITY	12,774 SM (137,500 SF)	38,549	11/14	03/16
171	SOF INTELLIGENCE TRAINING CENTER	8,415 SM (90,570 SF)	28,265	11/14	03/16

9. FUTURE PROJECTS

CATEGORY CODE	PROJECT TITLE	SCOPE	COST ($000)
a. Included in Following Program (FY17)			
140	SOF CIVIL AFFAIRS BATTALION COMPLEX	2,378 SM (25,600 SF)	14,853
171	SOF THOR3 FACILITY	3,716 SM (40,000 SF)	15,348
171	SOF COMBAT MEDIC TRAINING FACILITY	3,437SM (37,000 SF)	11,091
218	SOF PARACHUTE RIGGING FACILITY	3,283 SM (35,300 SF)	21,785
b. Planned Next Three Years (FY18-20):			
214	SOF VEHICLE MAINTENANCE FACILITY	3,252 SM (35,000 SF)	12,351
214	SOF TACTICAL EQUIPMENT MAINTENANCE FACILITY	2,323 SM (25,000 SF)	9,903
610	SOF SUPPORT BATTALION ADMIN FACILITY	3,412 SM (36,700 SF)	8,531
171	SOF SERE RESISTANCE TRANING LABORATORY COMPLEX	5,574SM (60,000 SF)	20,302
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 (25,000 SF)	9,903
171	SOF THOR3 FACILITY	3,716 SM (40,000 SF)	15,350
171	SOF THOR3 FACILITY	3,716 SM (40,000 SF)	11,479
140	SOF ADMIN/COMPANY OPERATIONS	4,645 SM (50,000 SF)	16,932
140	SOF RENOVATE SOFLOG BUILDINGS	2,787SM (30,000 SF)	5,443
140	SOF MACKALL COMPANY OPERATIONS FACILITIES	3,345SM (36,000 SF)	12,370
214	SOF TACTICAL VEHICLE MAINTENANCE FACILITY	2,323 SM (25,000 SF)	15,066
214	SOF TACTICAL EQUIPMENT MAINTENANCE FACILITY	1,161 SM (12,500 SF)	8,012
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.

1. COMPONENT	FY 2016 MILITARY CONSTRUCTION PROGRAM	2. DATE
USSOCOM		FEB 2015
3. INSTALLATION AND LOCATION FORT BRAGG, NORTH CAROLINA	12. COMMAND U.S. ARMY SPECIAL OPERATIONS COMMAND	5. AREA CONSTRUCTION COST INDEX .88

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES
N/A

1. Component	FY2016 MILITARY CONSTRUCTION PROJECT DATA	2. Date
USSOCOM		FEB 2015

3. Installation and Location/UIC:	4. Project Title
FORT BRAGG, NORTH CAROLINA	SOF BATTALION OPERATIONS FACILITY

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
1140494BB	141	80773	38,549

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
PRIMARY FACILITY				27,457
BATTALION OPERATIONS FACILITY (CC14185)(137,500 SF)	SM	12,774	1,930	(24,654)
BUILDING INFORMATION SYSTEMS	LS	--	--	(2,446)
SUSTAINABLE DESIGN AND DEVELOPMENT AND ENERGY POLICY ACT 2005 COMPLIANCE	LS	--	--	(357)
SUPPORTING FACILITIES				7,276
ELECTRICAL/MECHANICAL UTILITIES	LS	--	--	(3,072)
SITE IMPROVEMENTS/DEMOLITION	LS	--	--	(3,324)
INFORMATION SYSTEMS	LS	--	--	(685)
PASSIVE FORCE PROTECTION MEASURES	LS	--	--	(195)

ESTIMATED CONTRACT COST				34,733
CONTINGENCY (5.0%)				1,737

SUBTOTAL				36,470
SUPERVISION, INSPECTION AND OVERHEAD (5.7%)				2,079

TOTAL REQUEST				38,549
TOTAL REQUEST (ROUNDED)				38,549
EQUIPMENT PROVIDED FROM OTHER APPROPRIATIONS				(5,477)

10. Description of Proposed Construction: Construct a group support battalion operations facility including a battalion headquarters with classrooms, six company administrative and readiness modules with arms vaults, TA-50 lockers, special purpose classrooms, general purpose administration areas, and overhead covered storage. Built-in building systems include fire alarm/mass notification, fire suppression, utility management control, telephone, advanced communications networks, cable television, intrusion detection, closed circuit surveillance, electronic access control, and a protected distribution system (PDS). Supporting facilities include all related site-work and utilities (electrical, water, gas, sanitary sewer, and information systems distribution), lighting, parking, access drives, roadways, hardstands, curb and gutter, sidewalks, emergency generator, storm drainage, landscaping, and other site improvements. Special construction includes sustainable construction features complying with Leadership in Energy and Environmental Design (LEED) Silver with enhanced commissioning. Access for persons with disabilities will be provided. Comprehensive interior design, electronic security systems, and audio visual services are included. The project includes demolition of buildings E1541, E1650, and E1739. Air conditioning: 1,100kW (312 tons).

11. Requirement: 12,774 SM (137,500 SF) **Adequate:** 0 SM **Substandard:** 8,341SM (89,779 SF)
PROJECT: Construct a Battalion Headquarters and Company Operations Facility for the Group Support Battalion (GSB), 3rd Special Forces Group (Airborne) [3rd SFG (A)].
REQUIREMENT: Adequate facilities are required to house battalion and company operations for the 3rd SFG (A). The 3rd SFG (A) forces perform missions and activities throughout the full range of military operations and in all environments. The unit provides Department of Defense and

1. Component	FY2016 MILITARY CONSTRUCTION PROJECT DATA	2. Date
USSOCOM		FEB 2015

3. Installation and Location/UIC:	4. Project Title
FORT BRAGG, NORTH CAROLINA	SOF BATTALION OPERATIONS FACILITY

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
1140494BB	141	80773	38,549

Theater Combatant Commanders a means to resolve crises, achieve U.S. objectives and pursue U.S. strategic goals. These new facilities will 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 3rd SFG (A) operates from undersized and poorly configured battalion and company operations facilities. Storage and planning areas are severely inadequate, accommodating less than 62% of authorized space. Building infrastructure is inadequate and failing, and the communications infrastructure does not support modern data and information systems. Security and anti-terrorism/force protection requirements cannot be met in current facilities.

IMPACT IF NOT PROVIDED: The 3rd SFG (A) will remain severely hindered in conducting planning, operations, and training needed to optimize the unit's capability to meet urgent national security missions. Organizational effectiveness, operational efficiency, and unit morale will risk degradation by continued use of substandard, severely undersized and poorly configured buildings.

ADDITIONAL: Alternative methods of meeting this requirement have been explored during project development, and this project is the only feasible option. This project shall be designed and constructed in accordance with U.S. Army Corps of Engineer's Technical Instructions 800-01, Design Criteria; Fort Bragg Architectural Compatibility Plan; Unified Facilities Code (UFC) 3-600-01, Design Fire Protection for Facilities; Americans with Disabilities Act, Accessibility Guidelines conforming to Architectural Barriers Act of 1968, and consistent with 29 U.S.C. 794; National Fire Protection Association (NFPA), Life Safety Code 101; National Electric Code (NFPA 70); International Building Codes; Standards of Seismic Safety for Federally Owned Buildings; energy conservation standards; other applicable DOD and Army regulations and UFCs; and applicable U.S. Federal Environmental Laws and Regulations. Sustainable engineering principles will be integrated into the design, development, and construction of the project in accordance with the Energy Policy Act 2005 and Executive Orders 13123 and 13423. Anti-terrorism/force protection measures will be included in accordance with the current UFC 4-010-01, DOD Minimum Anti-Terrorism Standards for Buildings, and updates as applicable.

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	Nov 14
(b) Percent Complete as of January 2015	10%
(c) Date Design 35% Complete	Sep 15
(d) Date Design 100% Complete	Jan 16
(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

1. Component	FY2016 MILITARY CONSTRUCTION PROJECT DATA	2. Date
USSOCOM		FEB 2015

3. Installation and Location/UIC:	4. Project Title
FORT BRAGG, NORTH CAROLINA	SOF BATTALION OPERATIONS FACILITY

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
1140494BB	141	80773	38,549

(b) Where Design Was Previously Used	Eglin AFB
(3) Total Design Cost	($000)
(a) Production of Plans and Specifications	1,950
(b) All Other Design Costs	510
(c) Total Cost (a + b or d + e)	2,460
(d) Contract Cost	1,722
(e) In-House Cost	738
(4) Construction Contract Award Date	Jan 16
(5) Construction Start Date	Mar 16
(6) Construction Completion Date	Jan 18

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	2017	3,280
C4I Equipment	O&M, D-W	2017	738
C4I Equipment	PROC, D-W	2017	1,459

United States Army Special Operations Command
Telephone: (910) 432-1296

1. Component	FY2016 MILITARY CONSTRUCTION PROJECT DATA	2. Date
USSOCOM		FEB 2015

3. Installation and Location/UIC:	4. Project Title
FORT BRAGG, NORTH CAROLINA	SOF INTELLIGENCE TRAINING CENTER

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
1140494BB	171	79439	28,265

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
PRIMARY FACILITY				20,859
GENERAL INSTRUCTION BUILDING (CC17120) (89,000 SF)	SM	8,269	2,255	(18,647)
HAZARDOUS MATERIAL STORAGE (CC44228) (1,570 SF)	SM	146	1,826	(267)
BUILDING INFORMATION SYSTEMS	LS	--	--	(1,791)
SUSTAINABLE DESIGN AND DEVELOPMENT AND ENERGY POLICY ACT 2005 COMPLIANCE	LS	--	--	(154)
SUPPORTING FACILITIES				4,609
ELECTRICAL/MECHANICAL UTILITIES	LS	--	--	(1,738)
SITE IMPROVEMENTS/DEMOLITION	LS	--	--	(1,384)
INFORMATION SYSTEMS	LS	--	--	(1,011)
PASSIVE FORCE PROTECTION MEASURES	LS	--	--	(476)

ESTIMATED CONTRACT COST				25,468
CONTINGENCY (5.0%)				1,273

SUBTOTAL				26,741
SUPERVISION, INSPECTION AND OVERHEAD (5.7%)				1,524

TOTAL REQUEST				28,265
TOTAL REQUEST (ROUNDED)				28,265
EQUIPMENT PROVIDED FROM OTHER APPROPRIATIONS				(3,966)

10. Description of Proposed Construction: Construct general instruction facilities consisting of a three-story intelligence training building, an applied instruction building, and hazardous material storage. Built-in building systems include fire alarm/mass notification, fire suppression, energy management controls, telephone, advanced unclassified and classified communications networks, cable television, intrusion detection, closed circuit surveillance, electronic access control, and a protected distribution system (PDS). Supporting facilities include all related site-work and utilities (electrical, water, gas, sanitary sewer, and information systems distribution), lighting, parking, access drives, roads, hardstands, curb and gutter, sidewalks, emergency generator, storm drainage, landscaping, and other site improvements. Special construction includes sensitive compartmented information space and sustainable construction features complying with Leadership in Energy and Environmental Design (LEED) Silver. Access for persons with disabilities will be provided. Comprehensive interior design and audio visual services are included. The project includes demolition of buildings D2312, D2313, D2509, and D2609. Air conditioning: 774kW (220 tons).

11. Requirement: 8,415 SM (90,570 SF) **Adequate:** 0 SM **Substandard:** 5,388 SM (58M,000 SF)

PROJECT: Construct Special Operations Forces intelligence training facilities for the 1st Special Warfare Training Group (Airborne) [1st SWTG (A)].

REQUIREMENT: Adequate facilities are required for the 1st SWTG (A) to support advanced intelligence skills training for Army Special Operations soldiers, including advanced special operations techniques, physical surveillance, asset risk management, and unconventional warfare continuing education.

CURRENT SITUATION: The 1st SWTG (A) conducts mission essential training in sub-standard

1. Component	FY2016 MILITARY CONSTRUCTION PROJECT DATA	2. Date
USSOCOM		FEB 2015

3. Installation and Location/UIC:	4. Project Title
FORT BRAGG, NORTH CAROLINA	SOF INTELLIGENCE TRAINING CENTER

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
1140494BB	171	79439	28,265

and leased facilities that comprise only 64% of authorized requirement. The student throughput overburdens the existing Korean War era buildings' mechanical, electrical, and communications systems that were not configured to meet the current student curriculum and load.

IMPACT IF NOT PROVIDED: Existing substandard facilities will continue to limit the number of unconventional warfare courses scheduled annually as well as the quality of training. Battalion command elements will continue to operate in antiquated, substandard facilities that do not meet modern force structure, mission, anti-terrorism/force protection, accessibility guidelines, and occupational safety health administration standards. Persistent operations and maintenance expenditure will be required to keep the buildings habitable. This is the third project in the on-going master plan to modernize the Army's Special Operations Force Center of Excellence.

ADDITIONAL: Alternative methods of meeting this requirement have been explored during project development and this project is the only feasible option. This project shall be designed and constructed in accordance with U.S. Army Corps of Engineer's Technical Instructions 800-01, Design Criteria; Fort Bragg Architectural Compatibility Plan; Unified Facilities Code (UFC) 3-600-01, Design Fire Protection for Facilities; Americans with Disabilities Act, Accessibility Guidelines conforming to Architectural Barriers Act of 1968, and consistent with 29 U.S.C. 794; National Fire Protection Association (NFPA), Life Safety Code 101; National Electric Code (NFPA 70); International Building Codes; Standards of Seismic Safety for Federally Owned Buildings; energy conservation standards; other applicable DOD and Army regulations and UFCs; and applicable U.S. Federal Environmental Laws and Regulations. Sustainable engineering principles will be integrated into the design, development, and construction of the project in accordance with the Energy Policy Act 2005 and Executive Orders 13123 and 13423. Anti-terrorism/force protection measures will be included in accordance with the current UFC 4-010-01, DOD Minimum Anti-Terrorism Standards for Buildings, and updates as applicable.

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	Nov 14
(b) Percent Complete as of January 2015	10%
(c) Date Design 35% Complete	Sep 15
(d) Date Design 100% Complete	Jan 16
(e) Parametric 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 Design Cost	($000)
(a) Production of Plans and Specifications	1,425
(b) All Other Design Costs	291

1. Component	FY2016 MILITARY CONSTRUCTION PROJECT DATA	2. Date
USSOCOM		FEB 2015

3. Installation and Location/UIC:	4. Project Title
FORT BRAGG, NORTH CAROLINA	SOF INTELLIGENCE TRAINING CENTER

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
1140494BB	171	79439	28,265

(c) Total Cost (a + b or d + e)	1,716
(d) Contract Cost	1,201
(e) In-House Cost	515
(4) Construction Contract Award Date	Jan 16
(5) Construction Start Date	Mar 16
(6) Construction Completion Date	Jan 18

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	2017	2,375
C4I Equipment	O&M, D-W	2017	534
C4I Equipment	PROC, D-W	2017	1,057

United States Army Special Operations Command
Telephone: (810) 432-1296

1. COMPONENT	FY 2016 MILITARY CONSTRUCTION PROGRAM	2. DATE
USSOCOM		FEB 2015

3. INSTALLATION AND LOCATION	13. COMMAND	5. AREA CONSTRUCTION COST INDEX
JOINT EXPEDITIONARY BASE LITTLE CREEK-FORT STORY, VIRGINIA	NAVAL SPECIAL WARFARE COMMAND	0.92

6. PERSONNEL STRENGTH

	PERMANENT			STUDENTS			SUPPORTED			
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF SEP 14	497	2,875	549	0	0	0	0	0	0	3,921
B. END FY 20	438	3,238	549	0	0	0	0	0	0	4,225

7. INVENTORY DATA ($000)

A. TOTAL AREA (ACRES)	189
B. INVENTORY TOTAL AS OF SEP 14	227,636
C. AUTHORIZATION NOT YET IN INVENTORY (FY 13-15)	80,988
D. AUTHORIZATION REQUESTED IN THIS PROGRAM (FY 16)	23,916
E. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM (FY17)	0
F. PLANNED IN NEXT THREE YEARS (FY 18-20)	28,123
G. REMAINING DEFICIENCY	48,672
H. GRAND TOTAL	409,335

8. PROJECTS REQUESTED IN THIS PROGRAM:

CATEGORY CODE	PROJECT TITLE	SCOPE	COST ($000)	DESIGN STATUS START	DESIGN STATUS COMPLETE
171	SOF APPLIED INSTRUCTION FACILITY	7,711 SM (83,000 SF)	23,916	12/14	10/16

9. FUTURE PROJECTS

CATEGORY CODE	PROJECT TITLE	SCOPE	COST ($000)
a. Included in Following Program (FY17):			
N/A			
b. Planned Next Three Years (FY18-20):			
171	SOF RESILIENCY CENTER	3,252 SM (35,000 SF)	12,290
143	SOF NSWG-10 OPERATIONS SUPPORT FACILITY	3,716 SM (40,000 SF)	15,833

c. RPM Backlog: N/A

10. MISSION OR MAJOR FUNCTION

The mission of Joint Expeditionary Base Little Creek-Fort Story is to contribute to maximum military readiness by providing the best installation customer service possible.

The mission of Naval Special Warfare Command is to organize, man, train, equip, educate, sustain, maintain combat readiness and deploy Naval Special Warfare Forces to accomplish Special Operations Missions.

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES

N/A

1. Component	FY2016 MILITARY CONSTRUCTION PROJECT DATA	2. Date
USSOCOM		FEB 2015

3. Installation and Location/UIC:	4. Project Title
JOINT EXPEDITIONARY BASE LITTLE CREEK-FORT STORY, VIRGINIA	SOF APPLIED INSTRUCTION FACILITY

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
1140494BB	171	P777	23,916

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
PRIMARY FACILITY				18,758
APPLIED INSTRUCTION FACILITY (CC 17110) (40,000 SF)	SM	3,716	2,216	(8,235)
BUILDING 1081 AND 1082 RENOVATION (43,000 SF)	SM	3,995	2,307	(9,216)
ANTI-TERRORISM/FORCE PROTECTION	LS	--	--	(407)
BUILT-IN EQUIPMENT	LS	--	--	(200)
SPECIAL COSTS	LS	--	--	(200)
OPERATION AND MAINTENANCE SUPP INFO (OMSI)	LS	--	--	(200)
SUSTAINABLE DESIGN AND DEVELOPMENT AND ENERGY POLICY ACT 2005 COMPLIANCE	LS	--	--	(300)
SUPPORTING FACILITIES				2,041
MECHANICAL UTILITIES	LS	--	--	(400)
PAVING AND SITE IMPROVEMENTS	LS	--	--	(425)
SITE PREPARATIONS	LS	--	--	(256)
ELECTRICAL UTILITIES	LS	--	--	(500)
SPECIAL FOUNDATION FEATURES	LS	--	--	(460)

ESTIMATED CONTRACT COST				20,799
CONTINGENCY (5%)				1,040

SUBTOTAL				21,839
SUPERVISION, INSPECTION AND OVERHEAD (5.7%)				1,245

SUBTOTAL				23,084
DESIGN BUILD DESIGN COST (4%)				832

TOTAL REQUEST				23,916
TOTAL REQUEST (ROUNDED)				23,916
EQUIPMENT FROM OTHER APPROPRIATIONS (NON ADD)				(3,541)

10. Description of Proposed Construction: Constructs a 3,716 SM (40,000 SF) applied instruction facility to support Naval Special Warfare Center Advanced Training Command (ATC) Detachment Little Creek. Project also includes renovation of Buildings 1081 and 1082, approximately 3,995 SM (43,000 SF). Facilities will support a variety of functions including applied instruction, dive operations, operational gear storage, and administrative. Project includes all pertinent site improvements and site preparations, mechanical and electrical utilities, telecommunications, pile foundation, emergency generator, landscaping, irrigation, fencing, drainage, parking, road reconfiguration, exterior lighting and removal of two temporary modular facilities (B-3857A and B-3857B). Air conditioning: 280 kW (80 tons).

11. Requirement: 7,711 SM (83,000 SF) **Adequate:** 0 SM **Substandard:** 3,995 SM (43,000 SF)
PROJECT: Constructs a 3,716 SM (40,000 SF) facility to Support Naval Special Warfare Center Advanced Training Command Detachment Little Creek. Project also includes renovation of Buildings 1081 and 1082, approximately 3,995 SM (43,000 SF).

1. Component	FY2016 MILITARY CONSTRUCTION PROJECT DATA	2. Date
USSOCOM		FEB 2015

3. Installation and Location/UIC:	4. Project Title
JOINT EXPEDITIONARY BASE LITTLE CREEK-FORT STORY, VIRGINIA	SOF APPLIED INSTRUCTION FACILITY

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
1140494BB	171	P777	23,916

REQUIREMENT: Naval Special Warfare Center Advanced Training Command Detachment Little Creek is responsible for providing standardized and accredited individual training and education for qualified NAVSOF and NAVSOF support personnel, United States Special Operations Forces, partner nation Special Operations Forces and other personnel as required, in the art and science of Naval Special Warfare operations. Naval Special Warfare Center is responsible for ensuring maritime special operations forces are ready to meet the operational requirements of the Theatre Combatant Commanders. Naval Special Warfare Center oversees Basic Underwater Demolition/SEAL (BUD/S) training, Advanced SEAL training, and Special Warfare Combatant Crewman (SWCC) training.

CURRENT SITUATION: Naval Special Warfare Advanced Training Command Detachment Little Creek is currently housed in two temporary modular facilities and two substandard facilities that meet 52% of facility requirements. The modular facilities are an interim solution only until completion of this project. Buildings 1081 and 1082 require significant capital investment to support mission requirements including repair of the fire suppression system, electrical and mechanical systems, and heating, ventilation and air conditioning (HVAC) system.

IMPACT IF NOT PROVIDED: If this project is not provided, ATC DET Little Creek will continue to attempt to meet its mission in undersized, poorly configured facilities. Lack of support space will continue to cause inefficiencies in mission planning and training.

ADDITIONAL: No life cycle costs have been calculated at this time. Sustainable engineering principles will be integrated into the design, development, and construction of the project in accordance with Executive Order 13423, 10 United States Code (USC) 2802 (c), and other applicable laws and executive orders. This project is also in compliance with current seismic requirements. Anti-terrorism/force protection standards will be incorporated into the design, development, and construction of this facility in accordance with Unified Facilities Criteria (UFC) 04-010-01, DOD Minimum Anti-terrorism Standards for Buildings dated 08 October 2003 and all applicable updates.

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 14
(b) Percent Complete as of January 2015	15%
(c) Date Design 35% Complete	Apr 15
(d) Date Design 100% Complete	Oct 16
(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	FY2016 MILITARY CONSTRUCTION PROJECT DATA	2. Date
USSOCOM		FEB 2015

3. Installation and Location/UIC:	4. Project Title
JOINT EXPEDITIONARY BASE LITTLE CREEK-FORT STORY, VIRGINIA	SOF APPLIED INSTRUCTION FACILITY

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
1140494BB	171	P777	23,916

(3) Total Cost	($000)
(a) Production of Plans and Specification	870
(b) All Other Design Costs	582
(c) Total Cost (a + b or d + e)	1,452
(d) Contract Cost	870
(e) In-House Cost	582
(4) Construction Contract Award Date	Jun 16
(5) Construction Start Date	Jan 17
(6) Construction Completion Date	Jan 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	2017	1,494
C4I Equipment	O&M, D-W	2017	969
Collateral Equipment	PROC, D-W	2017	625
C4I Equipment	PROC, D-W	2017	453

Naval Special Warfare Command
Telephone: (619) 437-9075

1. COMPONENT	FY 2016 MILITARY CONSTRUCTION PROGRAM	2. DATE
USSOCOM		FEB 2015

3. INSTALLATION AND LOCATION	14. COMMAND	5. AREA CONSTRUCTION COST INDEX
KADENA AIR BASE, JAPAN	AIR FORCE SPECIAL OPERATIONS COMMAND	1.77

6. PERSONNEL STRENGTH	PERMANENT			STUDENTS			SUPPORTED			
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF SEP 14	123	582	17	0	0	0	0	0	0	722
B. END FY 20	122	680	19	0	0	0	0	0	0	821

7. INVENTORY DATA ($000)

A. TOTAL AREA (ACRES)	11,210
B. INVENTORY TOTAL AS OF SEP 14	152,500
C. AUTHORIZATION NOT YET IN INVENTORY (FY 14-15)	0
D. AUTHORIZATION REQUESTED IN THIS PROGRAM (FY 16)	37,485
E. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM (FY17)	54,029
F. PLANNED IN NEXT THREE YEARS (FY 18-20)	47,942
G. REMAINING DEFICIENCY	16,000
H. GRAND TOTAL	307,956

8. PROJECTS REQUESTED IN THIS PROGRAM:

CATEGORY CODE	PROJECT TITLE	SCOPE	COST ($000)	DESIGN STATUS START	DESIGN STATUS COMPLETE
113	AIRFIELD PAVEMENTS	61,201 SM (73,200 SY)	37,485	12/14	05/16

9. FUTURE PROJECTS

CATEGORY CODE	PROJECT TITLE	SCOPE	COST ($000)
a. Included in Following Program (FY17)			
211	SOF MAINTENANCE HANGAR	7,268 SM (78,200 SF)	54,029
b. Planned Next Three Years (FY18-20):			
141	SOF SPECIAL TACTICS OPERATIONS FACILITY	4,357 SM (46,900 SF)	24,633
141	SOF HUMAN PERFORMANCE TRAINING CENTER	966 SM (10,400 SF)	7,283
171	SOF SIMULATOR FACILITY	929 SM (10,000 SF)	16,026

c. RPM Backlog: N/A

10. MISSION OR MAJOR FUNCTION

Special Operations Group and units plan and execute specialized and contingency operations using advanced aircraft (MC-130), tactics and air refueling techniques and special tactics personnel.

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES N/A

1. Component	FY2016 MILITARY CONSTRUCTION PROJECT DATA	2. Date
USSOCOM		FEB 2015

3. Installation and Location/UIC:	4. Project Title
KADENA AIR BASE, JAPAN	AIRFIELD PAVEMENTS

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
1140494BB	113	AFSOC103002	37,485

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
PRIMARY FACILITY				19,160
APRON (CC11332) (32,300 SY)	SM	27,014	325	(8,780)
TAXIWAY (CC11221) (15,400 SY)	SM	12,870	325	(4,183)
SHOULDERS (11664) (25,500 SY)	SM	21,317	275	(5,862)
SUSTAINABLE DESIGN AND DEVELOPMENT AND ENERGY POLICY ACT 2005 COMPLIANCE	LS	--	--	(335)
SUPPORTING FACILITIES				14,361
UTILITIES	LS	--	--	(4,850)
PAVEMENTS	LS	--	--	(1,480)
SITE IMPROVEMENTS	LS	--	--	(739)
COMMUNICATIONS	LS	--	--	(1,326)
SPECIAL SITE CONDITIONS	LS	--	--	(5,882)
PASSIVE FORCE PROTECTION MEASURES	LS	--	--	(84)

ESTIMATED CONTRACT COST				33,521
CONTINGENCY (5%)				1,676

SUBTOTAL				35,197
SUPERVISION, INSPECTION AND OVERHEAD (6.5%)				2,288

TOTAL REQUEST				37,485
TOTAL REQUEST (ROUNDED)				37,485
EQUIPMENT FROM OTHER APPROPRIATIONS (NON-ADD)				(0)

10. Description of Proposed Construction: Aircraft parking apron and associated taxiways required to accommodate special operations aircraft. Work to include all subgrade and subbase work, drainage, airfield lighting, grounding, mooring, marking, ramp area lighting, relocation and limited extension of existing hydrant system as required and other necessary airfield support. Provides new road, utilities, site improvements, communications and realignment of existing in support of the new airfield layout and new aircraft hangar. Special site conditions exist which will require additional fill and stabilization of the site as well as possible cultural resources mitigation. Apron is to be integrated into existing airfield pavements. Project includes demolition of existing airfield pavements, current flight line road and other site horizontal and revetment structures. All work carried out is to comply with current Base, Air Force, and Host Nation standards.

Air conditioning: 0 kW (0 tons)

11. Requirement: 61,201 SM (73,200 SY) **Adequate:** 0 SM **Substandard:** 0 SM

PROJECT: Construct Airfield Pavements.

REQUIREMENT: Apron for special operations aircraft to support parking, servicing, and loading/unloading in support of recapitalization of MC-130 aircraft. Airfield pavement apron must be designed and constructed to support the heaviest SOF aircraft required to use/transit the apron. Any adjustments to the parallel taxiway will support use/transit of KC-135 aircraft. Development of the special operations mobility capacity supports primary mission of insertion, extraction, and re-

1. Component	FY2016 MILITARY CONSTRUCTION PROJECT DATA	2. Date
USSOCOM		FEB 2015

3. Installation and Location/UIC:	4. Project Title
KADENA AIR BASE, JAPAN	AIRFIELD PAVEMENTS

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
1140494BB	113	AFSOC103002	37,485

supply of unconventional warfare forces and equipment into hostile or enemy-controlled territory using airland or airdrop procedures.

CURRENT SITUATION: Project supports improvement of aircraft parking and movement, will ultimately assist in increased maintenance throughput by allowing consolidation of special operations aircraft functions, and supports implementation of flightline access measures to meet force protection standards including controlled access to operational assets and aircraft noise reduction efforts. Parking for SOF aircraft is not adjacent to aircraft hangars/AMU; making routine day-to-day operations unpredictable and inefficient. The apron is necessary to support efficient access to new maintenance hangar AFSOC103021 SOF Maintenance Hangar MILCON.

IMPACT IF NOT PROVIDED: Continued aircraft noise reduction efforts will not be achieved further alienating surrounding communities. Adjacent apron access to future 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/SOCPAC missions.

ADDITIONAL: This project meets the criteria/scope specified in Air Force Manual 32-1084, "Facility Requirements," UFC 3-260-1 and "Airfield & Heliport Planning & Design". An economic analysis waiver will be required based on AFI 65-501 Section1.22 and is pending. Anti-terrorism/force protection measures will be included in accordance with Unified Facilities Criteria (UFC) 4-010-01, DOD Minimum Anti-terrorism Standards for Buildings dated 9 February 2012. Sustainable engineering principles will be integrated into the design, development, and construction of the project in accordance with the Energy Policy Act 2005, Executive Orders 13123 and 13423, 10 United States Code (USC) 2802 (c), and other applicable laws and Executive orders.

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 14
(b) Percent Complete as of January 2015	5%
(c) Date Design 35% Complete	Mar 15
(d) Date Design 100% Complete	May 16
(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 specification	2,100
(b) All Other Design Costs	1,400

1. Component	FY2016 MILITARY CONSTRUCTION PROJECT DATA	2. Date
USSOCOM		FEB 2015

3. Installation and Location/UIC:	4. Project Title
KADENA AIR BASE, JAPAN	AIRFIELD PAVEMENTS

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
1140494BB	113	AFSOC103002	37,485

(c) Total Cost (a + b or d + e)	3,500
(d) Contract Cost	2,333
(e) In-House Cost	1,167
(4) Construction Contract Award Date	Jul 16
(5) Construction Start Date	Sep 16
(6) Construction Completion Date	Sep 18

B. Equipment Associated With This Project Which Will be Provided From Other Appropriations: None

Air Force Special Operations Command
Telephone: (850) 884-2260

1. Component	FY2016 MILITARY CONSTRUCTION PROJECT DATA	2. Date
USSOCOM		FEB 2015

3. Installation and Location/UIC:	4. Project Title
CONUS CLASSIFIED	OPERATIONS SUPPORT FACILITY

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
1140494BB	211	AFSOC103016	20,065

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
PRIMARY FACILITY				14,135
HANGAR (CC21111)(36,300 SF)	SM	3,372	2,540	(8,565)
INSPECTION AND TEST SHOP (CC21115)(3,000 SF)	SM	279	2,350	(656)
TAXIWAY (CC11221) (19,800 SY)	SM	16,517	155	(2,560)
SHOULDERS (CC11664) (19,800 SY)	SM	16,585	125	(2,073)
SUSTAINABLE DESIGN AND DEVELOPMENT AND ENERGY POLICY ACT 2005 COMPLIANCE	LS	--	--	(281)
SUPPORTING FACILITIES				3,315
UTILITIES	LS	--	--	(370)
PAVEMENTS	LS	--	--	(470)
SITE IMPROVEMENTS	LS	--	--	(660)
COMMUNICATIONS	LS	--	--	(400)
FIRE SUPPRESSION TANKS	EA	2	600,000	(120)
AIRFIELD PAVEMENTS	LS	--	--	(1,225)
PASSIVE FORCE PROTECTION MEASURES	LS	--	--	(70)

ESTIMATED CONTRACT COST				17,450
CONTINGENCY (5%)				873

SUBTOTAL				18,323
SUPERVISION, INSPECTION AND OVERHEAD (5.7%)				1,044

SUBTOTAL				19,637
DESIGN BUILD DESIGN COST (4.0%)				698

TOTAL REQUEST				20,065
TOTAL REQUEST (ROUNDED)				20,065
EQUIPMENT FROM OTHER APPROPRIATIONS (NON-ADD)				(950)

10. Description of Proposed Construction: Inspection and test facility with foundation and floor slab, structural framing including high bay with ventilation fans, air compressor, and 400 Hz aircraft power systems, insulated walls and roof, motorized hangar doors and tracks, fire detection and suppression, roof access ladder system, overhead access catwalk with fall protection, tug pull through and all necessary support. Operational support unit will require administrative/work shop areas, emergency shower and eyewash stations, bathroom/locker areas with showers, and all necessary support. Airfield pavements includes hangar access, taxiway and shoulders, clearing, excavation and base for concrete pavements and asphalt shoulders, airfield markings, demolition, storm water retention, storm drainage, lighting/ductbank and all other necessary support to integrate new pavements into existing airfield pavements to include repairs to existing as necessary. Supporting facilities for the Hangar/Shop requires pavements with vehicle roadway and parking, tug roadway, associated site improvements, utilities, communications, generator and realignment of existing supporting facilities as required. Air conditioning: 35 kW (10 tons)

1. Component	FY2016 MILITARY CONSTRUCTION PROJECT DATA	2. Date
USSOCOM		FEB 2015

3. Installation and Location/UIC:	4. Project Title
CONUS CLASSIFIED	OPERATIONS SUPPORT FACILITY

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
1140494BB	211	AFSOC103016	20,065

11. Requirement: 3,651 SM (39,300 SF) **Adequate:** 0 SM **Substandard:** 0 SM

PROJECT: Construct Operations Support Facility.

REQUIREMENT: Adequate hangar space and shop facility, properly sized and configured, for aircraft and associated equipment inspection and testing activities. Space is authorized to inspect and test equipment to insure reliability and optimum performance.

CURRENT SITUATION: Facility is required to develop, program and execute requirement to inspect and test Special Operations Forces equipment in direct support of AFSOC for training and for overseas contingency operations as required.

IMPACT IF NOT PROVIDED: The lack of adequate inspection and test space will cause mission capable rates to fall which creates an overall negative impact to operations in support of AFSOC training and 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. Anti-terrorism/force protection measures will be included in accordance with Unified Facilities Criteria (UFC) 4-010-01, DOD Minimum Anti-terrorism Standards for Buildings dated 9 February 2012. Sustainable engineering principles will be integrated into the design, development, and construction of the project in accordance with the Energy Policy Act 2005, Executive Orders 13123 and 13423, 10 United States Code (USC) 2802 (c), and other applicable laws and Executive orders.

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 14
(b Percent Complete as of January 2015	5%
(c) Date Design 35% Complete	Apr 15
(d) Date Design 100% Complete	Nov 16
(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	0
(b) All Other Design Costs	1,218
(c) Total Cost (a + b or d + e)	1,218
(d) Contract Cost	812
(e) In-House Cost	406
(4) Construction Contract Award Date	Jan 16

1. Component	FY2016 MILITARY CONSTRUCTION PROJECT DATA	2. Date
USSOCOM		FEB 2015

3. Installation and Location/UIC:	4. Project Title
CONUS CLASSIFIED	OPERATIONS SUPPORT FACILITY

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
1140494BB	211	AFSOC103016	20,065

(5) Construction Start Date Apr 16
(6) Construction Completion Date Jan 18

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	2018	750
C4I Equipment	O&M, D-W	2018	200

Air Force Special Operations Command
Telephone: (850) 884-2260

FY2016 Energy Conservation Investment Program
Project List

Project No.	Location	State	Project Description		Project Cost ($000)	SIR*
Army						
82028	Fort Hunter Liggett	CA	5MW PVs with 3MWHr Battery Storage	$	22,000	1.5
81844	Joint Base Lewis-McChord	WA	Decentralize Heating Plants, Division Area	$	14,770	2.9
80880	Hohenfels Training Area	Germany	Modernize Existing HVAC and Connect to UMCS	$	2,800	2.5
87110	Fort Belvoir	VA	Energy Management Control System, 300 Area	$	2,400	2.0
85960	Fort Stewart	GA	Install VFD Drives in HVAC Systems	$	1,600	1.6
85918	Tooele Army Depot	UT	Standby Generator System	$	1,400	2.0
86357	Soto Cano Air Base	Honduras	PV, Heat Pump & LED Exterior Light Fixtures	$	800	2.1
Army Program Totals			**7 Projects**	**$**	**45,770**	**2.1**
USN						
P718	Joint Base Pearl Harbor-Hickam	HI	Smart Grid ICS	$	13,780	2.1
P021	CFA Yokoska	Japan	Replace & Resize G-31 to J-209 Steam Pipeline	$	12,940	3.3
P090	NSA Washington/NRL	DC	Construct Co-Generation Plant at NRL	$	10,990	3.0
P644	Naval Base Guam	Guam	Smart Grid ICS	$	5,330	2.0
P341	NSY BOS Portsmouth	NH	Steam Decentralization	$	2,190	1.9
Navy Program Totals			**5 Projects**	**$**	**45,230**	**2.6**
USMC						
P-1692	MCB Camp Pendleton	CA	Microgrid Expansion	$	1,695	1.6
P-555	MCRC Kaneohe Bay	HI	Car Port Solar Array	$	5,740	1.6
USMC Program Totals			**2 Projects**	**$**	**7,435**	**1.6**
USAF						
QYZH148015	Mountain Home AFB	ID	Energy Conservation Dorm Upgrade Multi. Systems	$	6,471	2.1
YXTK143000	Ascension Aux Airfield St Helena	Bahamas	Install 4-Wind Turbines 250KW	$	5,500	1.8
YGFZ150001	Wake Island	American Samoa	Construct Solar Array Renewable Energy System	$	5,331	1.9
FSPM111403B	Edwards AFB	CA	Retrofit Lights Phase 2 Multi Bldgs	$	4,550	2.2
GLEN162703	Schriever AFB	CO	Install Chiller Sequencing DDC Panel B600	$	4,400	2.1
NZAS143000	Malmstrom AFB	MT	Replace Energy and Control System	$	4,260	2.0
QYZH148020	Mountain Home AFB	ID	Repair Envelopes & Lighting at Multi Facilities	$	2,651	2.1
FXSB151759	JB Elmendorf-Richardson	AK	Repair HVAC Systems Multi Fac Phase 9	$	2,542	2.0
QYZH148013	Mountain Home AFB	ID	Retrofit Exterior Wall Pack Lights Multi. Fac.	$	2,100	2.5
FXSB151758	JB Elmendorf-Richardson	AK	Repair HVAC Systems Multi Fac Phase 8	$	2,010	2.1
QYZH158008	Mountain Home AFB	ID	Energy Conservation Upgrade I/R Heater Motors	$	1,162	2.0
QYZH158001	Mountain Home AFB	ID	High Efficiency Toilet & Urinals	$	1,085	1.5
FSPM141403	Edwards AFB	CA	Repair Boiler & Micro-Turbine Gen Oasis Pool B2501	$	800	1.9
VLSB140076	Shaw AFB	SC	Install VFDs, Multiple Facilities	$	655	1.7
FXSB15ENER01	JB Elmendorf-Richardson	AK	Add Heat Exchanger & Modify Air Supply, Fuel Cell Hangar	$	472	2.2
USAF Program Totals			**15 Projects**	**$**	**43,990**	**2.0**
DLA						
ENE-16E01	Tampa	FL	480 kWp Ground-Mount Solar Panels at DFSP	$	1,401	2.0
DLA Program Totals			**1 Projects**	**$**	**1,401**	**2.0**
NRO						
NRO-4680117309	ADF-East	VA	LED Streetlight Retrofit Project	$	580	2.7
NRO Program Totals			**1 Projects**	**$**	**580**	**2.7**
DHA						
DHA001	Schofield Barracks MC	HI	LED Lighting & Controls in 7 Clinics	$	1,066	2.6
DHA Program Totals			**1 Projects**	**$**	**1,066**	**2.6**
WHS						
ECIP16-PEN2	Pentagon/Arlington	VA	High Efficiency Trim Chiller	$	4,528	1.9
WHS Program Totals			**1 Projects**	**$**	**4,528**	**1.9**
ECIP Program Totals			**33 Projects**	**$**	**150,000**	**2.2**

*SIR is Savings to Investment Ratio ($ est. discounted lifetime savings / $ invested)

Energy Efficiency Subtotal (26 Projects)	**$**	**107,248**	**2.4**
Renewable Energy Subtotal (6 Projects)	**$**	**41,667**	**1.7**
Water Conservation Subtotal (1 Projects)	**$**	**1,085**	**1.5**

1. COMPONENT	FY 2016 MILITARY CONSTRUCTION PROGRAM	2. DATE
		February 2015

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 2016 MILITARY CONSTRUCTION PROJECT DATA	2. Date
		February 2015

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 2016, $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 2016 MILITARY CONSTRUCTION PROGRAM	2. DATE
		February 2015
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	32,363	N/A	N/A

9. FUTURE PROJECTS

CATEGORY CODE	PROJECT TITLE	COST ($000)
Various	Minor Construction (FY 2017-2020)	148,938

10. MISSION OR MAJOR FUNCTION

Various

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES

None

1. Component	FY 2016 MILITARY CONSTRUCTION PROJECT DATA	2. Date
		February 2015

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	32,363

9. COST ESTIMATES

Item		U/M	Quantity	Unit Cost	Cost ($000)
Unspecified Minor Construction		LS			$32,363
Joint Chiefs of Staff	(8,687)				
U.S. Special Operations Command	(15,676)				
Defense Health Agency	(5,000)				
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 $32,363,000 for FY 2016 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 $8,687,000 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 2016 MILITARY CONSTRUCTION PROGRAM	2. DATE
		February 2015

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	160,404	N/A	N/A

9. FUTURE PROJECTS

CATEGORY CODE	PROJECT TITLE	COST ($000)
Various	Planning and Design (FY 2017-2020)	852,595

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 2016 MILITARY CONSTRUCTION PROJECT DATA	2. Date
		February 2015

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	$160,404

9. COST ESTIMATES

Item		U/M	Quantity	Unit Cost	Cost ($000)
Planning and Design					$160,404
Defense Logistics Agency	(31,772)				
DoD Education Activity	(42,183)				
National Geospatial Intelligence Agency	(27,202)				
National Security Agency	(1,078)				
U.S. Special Operations Command	(31,628)				
Washington Headquarters Service	(3,041)				
Defense Level Activities	(13,500)				
ECIP 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 2016 Defense Level funding covers planning and design for various defense agencies and activities, planning and design associated with exercise related construction, and covers efforts across the Department to standardize and distribute uniform design criteria.

The FY 2016 budget request continues to separately identify planning and design funding associated with the Energy Conservation Investment Program (ECIP). The FY 2016 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	2016	Unspecified Worldwide Locations	Contingency Construction	10,000
DEFW	ZU	2016	Unspecified Worldwide Locations	Energy Conservation Investment Program	150,000
DEFW	BE	2017	Brussels	NATO Headquarters Facility	7,120
DEFW	ZU	2017	Unspecified Worldwide Locations	Contingency Construction	10,000
DEFW	ZU	2017	Unspecified Worldwide Locations	Energy Conservation Investment Program	150,000
DEFW	ZU	2018	Unspecified Worldwide Locations	Contingency Construction	10,000
DEFW	ZU	2018	Unspecified Worldwide Locations	Energy Conservation Investment Program	150,000
DEFW	ZU	2019	Unspecified Worldwide Locations	Contingency Construction	10,000
DEFW	ZU	2019	Unspecified Worldwide Locations	Energy Conservation Investment Program	150,000
DEFW	ZU	2020	Unspecified Worldwide Locations	Contingency Construction	10,000
DEFW	ZU	2020	Unspecified Worldwide Locations	Energy Conservation Investment Program	150,000
DHA	GY	2016	Rhine Ordnance Barracks	Medical Center Replacement Incr 5	85,034
DHA	GY	2016	Spangdahlem AB	Medical/Dental Clinic Addition	34,071
DHA	HI	2016	Kaneohe Bay	Medical/Dental Clinic Replacement	122,071
DHA	HI	2016	Schofield Barracks	Behavioral Health/Dental Clinic Addition	123,838
DHA	OH	2016	Wright-Patterson AFB	Satellite Pharmacy Replacement	6,623
DHA	TX	2016	Fort Bliss	Hospital Replacement Incr 7	239,884
DHA	TX	2016	Joint Base San Antonio	Ambulatory Care Center Phase 4	61,776
DHA	GY	2017	Geilenkirchen AB	Medical Clinic Replacement	22,506
DHA	GY	2017	Rhine Ordnance Barracks	Hospital Replacement Incr 6	388,549
DHA	MD	2017	Bethesda Naval Hospital	MEDCEN Addition/Alteration Incr 1	187,654
DHA	OK	2017	Fort Sill	Behavioral Health Clinic Addition/Alteration	7,368
DHA	TX	2017	Fort Bliss	Blood Donor Center Replacement	9,828
DHA	AZ	2018	Fort Huachuca	Medical Clinic Replacement	14,651
DHA	CO	2018	Colorado Springs	Medical/Dental Clinic Addition/Alteration	11,275
DHA	GA	2018	Fort Gordon	Medical/Behavioral Health Clinic Replacement	30,788
DHA	HI	2018	Schofield Barracks	Medical Clinic Alteration	136,663
DHA	MD	2018	Bethesda Naval Hospital	MEDCEN Addition/Alteration Incr 2	198,096
DHA	MD	2018	Patuxent River	Medical/Dental Clinic Replacement	60,934
DHA	ME	2018	Kittery	Medical/Dental Clinic Replacement	52,976
DHA	GA	2019	Fort Gordon	Blood Donor Center	12,564
DHA	KS	2019	Fort Riley, Kansas	Veterinary Facility Replacement	13,649
DHA	MD	2019	Bethesda Naval Hospital	Education and Research Building Add/Alt	277,090
DHA	MD	2019	Bethesda Naval Hospital	MEDCEN Addition/Alteration Incr 3	108,977
DHA	SC	2019	Fort Jackson	Behavioral Health Addition/Alteration	22,745
DHA	TX	2019	Sheppard AFB	Medical/Dental Clinic Replacement	79,824
DHA	CA	2020	Miramar	Dental Clinic Replacement	34,499
DHA	CA	2020	San Diego	Health Research Center	50,858
DHA	CO	2020	Fort Carson, Colorado	Medical Clinic	18,918
DHA	GY	2020	Hohenfels	Medical/Dental Clinic Replacement	43,373
DHA	GY	2020	Weisbaden	Medical/Dental Clinic Replacement	55,170
DHA	MI	2020	Great Lakes NTC	Medical/Dental Clinic Replacement	86,247

Organization	State Country	Fiscal Year	Location Title	Line Item Title	TOA Amount
DHA	VA	2020	Fort Belvoir	Medical Clinic	43,402
DHA	VA	2020	Norfolk	Medica/Dental Clinic Replacement	16,783
DHA	WA	2020	Joint Base Lewis-Mcchord	Behavioral Health Addition/Alteration	146,899
DISA	AZ	2016	Fort Huachuca	JITC Buildings 52101/52111 Renovations	3,884
DISA	AZ	2017	Fort Huachuca	Buildings Upgrades at Fort Huachuca, AZ	4,528
DISA	AZ	2018	Fort Huachuca	Buildings Upgrades at Fort Huachuca, AZ	2,661
DISA	AZ	2019	Fort Huachuca	Buildings Upgrades at Fort Huachuca, AZ	2,661
DISA	AZ	2020	Fort Huachuca	Buildings Upgrades at Fort Huachuca, AZ	2,686
DLA	CA	2016	Fresno Yosemite IAP ANG	Replace Fuel Storage and Distrib. Facilities	10,700
DLA	DE	2016	Dover AFB	Construct Hydrant Fuel System	21,600
DLA	DJ	2016	Camp Lemonier, Djibouti	Construct Fuel Storage & Distrib. Facilities	43,700
DLA	GA	2016	Moody AFB	Replace Pumphouse and Truck Fillstands	10,900
DLA	GY	2016	Spangdahlem AB	Construct Fuel Pipeline	5,500
DLA	NM	2016	Cannon AFB	Construct Pumphouse and Fuel Storage	20,400
DLA	NV	2016	Nellis AFB	Replace Hydrant Fuel System	39,900
DLA	OR	2016	Klamath Falls IAP	Replace Fuel Facilities	2,500
DLA	PA	2016	Philadelphia	Replace Headquarters	49,700
DLA	VA	2016	Fort Belvoir	Construct Visitor Control Center	5,000
DLA	VA	2016	Fort Belvoir	Replace Ground Vehicle Fueling Facility	4,500
DLA	VA	2016	Joint Base Langley-Eustis	Replace Fuel Pier and Distribution Facility	28,000
DLA	AK	2017	Joint Base Elmendorf-Richardson	Construct Truck Un-load Facility	4,400
DLA	CA	2017	Travis AFB	Replace Hydrant System G	27,000
DLA	DG	2017	Diego Garcia	Improve Wharf Refueling Capacity	28,899
DLA	FL	2017	Patrick AFB	Replace Fuel Tanks	8,300
DLA	GU	2017	Andersen AFB	Construct Truck Un-load & Pumphouse	17,225
DLA	IT	2017	Sigonella	Construct Hydrant System	13,666
DLA	JA	2017	Iwakuni	Construct Truck Fuel Receipt System	8,000
DLA	KW	2017	Kwajalein Atoll	Replace Storage Tanks	40,000
DLA	NC	2017	Seymour Johnson AFB	Tanker Truck Delivery System	14,400
DLA	SC	2017	Charleston AFB	Construct Hydrant System Hot Cargo Pad	16,000
DLA	TX	2017	Red River Army Depot	Consolidated Warehouse	30,000
DLA	TX	2017	Red River Army Depot	Improve Open Storage	16,200
DLA	UK	2017	Royal Air Force Lakenheath	Construct Hydrant Fueling System	13,500
DLA	UT	2017	Hill AFB	Replace POL Pumphouse	9,200
DLA	AK	2018	Eielson AFB	Replace Pre-Filter Facility	1,879
DLA	CA	2018	Defense Distribution Depot-Tracy	Upgrade Main Access Control Point	4,500
DLA	GR	2018	Souda Bay	Construct Hydrant Fueling System	15,300
DLA	JA	2018	Okinawa	Replace Single Point Mooring System	6,500
DLA	JA	2018	Yokosuka	Construct Fueling Wharf	99,062
DLA	JA	2018	Yokosuka	Upgrade Fuel Wharf Yokuse	31,500
DLA	NJ	2018	Joint Base Mcguire-Dix-Lakehurst	Replace Hot Cargo Hydrant System	4,300
DLA	OK	2018	Mcalester	Replace Bulk Diesel System	2,650

Organization	State Country	Fiscal Year	Location Title	Line Item Title	TOA Amount
DLA	SC	2018	Shaw AFB	Replace Truck Fillstands	18,300
DLA	VA	2018	Def Distribution Depot Richmond	Opeartions Center Phase 2	52,000
DLA	VA	2018	Norfolk	Hazardous Materials Warehouse & Sheds	30,900
DLA	AR	2019	Little Rock AFB	Upgrade Fillstands & Fuel System	4,950
DLA	CA	2019	Miramar	Relocate Miramar Pipeline	2,615
DLA	GU	2019	Andersen AFB	Construct Hydrant Loop Connection	2,750
DLA	GU	2019	Andersen AFB	Replace Fefueler Parking Area	5,340
DLA	JA	2019	Iwakuni	Construct Bulk Storage Tanks	79,735
DLA	JA	2019	Iwakuni	Construct T-5 Pier	13,319
DLA	JA	2019	Kadena AB	Construct Truck Offload Headers	11,100
DLA	JA	2019	Yokosuka	Upgrade Fuel Wharf	14,252
DLA	NH	2019	Portsmouth	Consolidated Warehouse	10,000
DLA	NM	2019	Kirtland AFB	Replace Fuel Tanks, Piping Bldg. 1041	1,565
DLA	OK	2019	Tulsa Iap	Constuct Fuels Storage Complex	14,800
DLA	SD	2019	Ellsworth AFB	Replace Bulk Fuel Storage Tanks	9,000
DLA	SD	2019	Ellsworth AFB	Replace TypeIII Hydrant System	14,000
DLA	TK	2019	Incirlik AB	Construct Hydrant Fuel System, ""B"" Ramp	17,500
DLA	TX	2019	Red River Army Depot	General Purpose Warehouse	52,000
DLA	TX	2019	Red River Army Depot	Replace POL Station	3,100
DLA	UK	2019	Royal Air Force Lakenheath	Construct Hot Pit Hydrant System	14,103
DLA	WA	2019	Joint Base Lewis-Mcchord	Construct Hot Refueling Facility	4,900
DLA	CA	2020	Beale AFB	Repair POL Truck Parking Area	2,030
DLA	CA	2020	Fort Hunter Liggett	Replace Vehicle Fueling Facility	13,400
DLA	CA	2020	Miramar	Replace Truck Fillstands	2,090
DLA	CA	2020	Point Mugu	Replace Fuel Distribution Facilities	31,035
DLA	CO	2020	Buckley Air Force Base	Replace Military Service Station	6,400
DLA	CO	2020	Buckley Air Force Base	Replace POL Operations-Fuel Lab	4,300
DLA	DE	2020	Dover AFB	Replace Petroleum Operations Facility	2,400
DLA	FL	2020	Patrick AFB	Replace AST's	1,550
DLA	GA	2020	Robins AFB	Upgrade Hydrant System B-39	19,400
DLA	GA	2020	Savannah/Hilton Head IAP	Replace Fuels Storage Complex	18,000
DLA	GY	2020	Ramstein AB	Construct Vehicle Fueling Facility	3,600
DLA	JA	2020	Atsugi	Construct Bulk Storage Tank	30,010
DLA	JA	2020	Misawa AB	Construct Tank Truck Offload Facility	4,745
DLA	JA	2020	Okinawa	Construct Truck Offload Headers	3,850
DLA	OH	2020	Columbus AFB	Replace Fuel Facilities, B1918	2,850
DLA	OH	2020	Columbus Center	Construct HR Operations Center	19,000
DLA	OH	2020	Wright-Patterson AFB	Replace Hydrant System	11,600
DLA	PA	2020	Def Distribution Depot New Cumberlar	General Purpose Warehouse (730)	56,000
DLA	SC	2020	Shaw AFB	Construct Hydrant System Type IV	27,400
DLA	TX	2020	Laughlin AFB	Replace Truck Offload System	1,400
DLA	UT	2020	Hill AFB	Replace Truck Offload Facility	4,300

Organization	State Country	Fiscal Year	Location Title	Line Item Title	TOA Amount
DLA	VA	2020	Joint Base Myer-Henderson	Operations Facility	7,200
DODEA	AL	2016	Fort Rucker	Fort Rucker ES/PS Consolidation/Replacement	46,787
DODEA	AL	2016	Maxwell AFB	Maxwell ES/MS Replacement/Renovation	32,968
DODEA	GY	2016	Garmisch	Garmisch E/MS-Addition/Modernization	14,676
DODEA	GY	2016	Grafenwoehr	Grafenwoehr Elementary School Replacement	38,138
DODEA	GY	2016	Stuttgart-Patch Barracks	Patch Elementary School Replacement	49,413
DODEA	KY	2016	Fort Knox	Fort Knox HS Renovation/MS Addition	23,279
DODEA	NC	2016	Fort Bragg	Butner Elementary School Replacement	32,944
DODEA	NY	2016	West Point	West Point Elementary School Replacement	55,778
DODEA	SC	2016	Fort Jackson	Pierce Terrace Elementary School Replacement	26,157
DODEA	SP	2016	Rota	Rota ES and HS Additions	13,737
DODEA	GY	2017	Ramstein AB	Sembach ES/MS - Replace School	61,408
DODEA	JA	2017	Kadena AB	Kadena ES - replace school	112,938
DODEA	JA	2017	Yokosuka	Kinnick HS - Replace School	130,102
DODEA	KY	2017	Fort Campbell, Kentucky	Barsanti ES-Addition	4,956
DODEA	KY	2017	Fort Campbell, Kentucky	Jackson ES - replace school	46,970
DODEA	UK	2017	Royal Air Force Alconbury	Croughton E/M/HS - Replace School	61,408
DODEA	DE	2018	Dover AFB	Welch ES/Dover MS - replace school	46,587
DODEA	GA	2018	Fort Benning	Loyd ES -replace school	40,640
DODEA	GY	2018	Stuttgart	Robinson Barracks ES/MS - replace school	39,571
DODEA	JA	2018	Kadena AB	Kadena HS - replace renovate school	140,471
DODEA	KR	2018	Camp Walker	Daegu Elementary School - New School	41,874
DODEA	PR	2018	Punta Borinquen	Ramey Unit School - replace school	52,194
DODEA	GY	2019	Ansbach	Rainbow ES - Replace School	27,650
DODEA	GY	2019	Kaiserlautern AB	Kaiserslautern MS - Replace School	72,821
DODEA	JA	2019	Kadena AB	Replace Stearley Heights Elementary School	117,384
DODEA	JA	2019	Yokota AB	Yokota West ES-Renovation	17,826
DODEA	KY	2019	Fort Campbell, Kentucky	Ft Campbell HS - Renovate for Wassom MS	11,784
DODEA	TK	2019	Ankara	Ankara ES/HS - replace school	20,415
DODEA	TK	2019	Ankara	Incirlik EHS-Replace School	54,026
DODEA	GY	2020	Baumholder	Baumholder MS/HS - replace school	40,763
DODEA	GY	2020	Landstuhl	Landstuhl ES/MS- replace school	55,950
DODEA	GY	2020	Weisbaden	Aukamm ES-Replace School	61,785
DODEA	JA	2020	Yokota AB	Bechtel ES - Renovate School	23,979
DODEA	NC	2020	Fort Bragg	Albritton MS-Replace School	42,589
DODEA	PR	2020	Fort Buchanan	Antilles HS - replace school	59,426
DODEA	PR	2020	Fort Buchanan	Puerto Rico DSO-Replace Facility	9,444
DODEA	VA	2020	Dahlgren	Dahlgren School - Replace School	31,346
MDA	PL	2016	RedziKowo Base	Aegis Ashore Missile Defense System Complex	169,153
MDA	ZV	2017	Worldwide Various	Long Range Discrimination Radar	116,821
MDA	ZV	2018	Worldwide Various	Long Range Discrimination Radar	109,112
MDA	ZV	2019	Worldwide Various	Long Range Discrimination Radar	59,194

Organization	State Country	Fiscal Year	Location Title	Line Item Title	TOA Amount
NGA	MO	2017	St Louis	NGA West Facilities Modernization	67,800
NGA	MO	2018	St Louis	NGA West Facilities Modernization	269,023
NGA	MO	2019	St Louis	NGA West Facilities Modernization	222,732
NGA	MO	2020	St Louis	NGA West Facilities Modernization	213,423
NSA	MD	2016	Fort Meade	NSAW Campus Feeders Phase 2	33,745
NSA	MD	2016	Fort Meade	NSAW Recapitalize Building #2 Incr 1	34,897
NSA	MD	2017	Fort Meade	NSAW Campus Feeders Phase 3	18,410
NSA	MD	2017	Fort Meade	NSAW Recapitalize Building #2 Incr 2	194,748
NSA	MD	2018	Fort Meade	NSAW Recapitalize Building #2 Incr 3	314,150
NSA	MD	2018	Fort Meade	NSAW VCP/VCIF	41,681
NSA	MD	2019	Fort Meade	NSAW Recapitalize Building #2 Incr 4	238,537
NSA	MD	2019	Fort Meade	NSAW Recapitalize Building #3	83,274
NSA	MD	2020	Fort Meade	NSAW Recapitalize Building #3	199,017
NSA	MD	2020	Fort Meade	NSAW VCP/VCIF	34,794
NSA	MD	2020	Fort Meade	NSAW VMS - North/South Connectors	138,511
SOCOM	CA	2016	Camp Pendleton, California	SOF Combat Service Support Facility	10,181
SOCOM	CA	2016	Camp Pendleton, California	SOF Performance Resiliency Center-West	10,371
SOCOM	CA	2016	Coronado	SOF Logistics Support Unit One Ops Fac. #2	47,218
SOCOM	CO	2016	Fort Carson, Colorado	SOF Language Training Facility	8,243
SOCOM	FL	2016	Hurlburt Field	SOF Fuel Cell Maintenance Hangar	17,989
SOCOM	FL	2016	Macdill AFB	SOF Operational Support Facility	39,142
SOCOM	JA	2016	Kadena AB	Airfield Pavements	37,485
SOCOM	KY	2016	Fort Campbell, Kentucky	SOF Company HQ/Classrooms	12,553
SOCOM	NC	2016	Camp Lejeune, North Carolina	SOF Combat Service Support Facility	14,036
SOCOM	NC	2016	Camp Lejeune, North Carolina	SOF Marine Battalion Company/Team Facilities	54,970
SOCOM	NC	2016	Fort Bragg	SOF 21 STS Operations Facility	16,863
SOCOM	NC	2016	Fort Bragg	SOF Battalion Operations Facility	38,549
SOCOM	NC	2016	Fort Bragg	SOF Indoor Range	8,303
SOCOM	NC	2016	Fort Bragg	SOF Intelligence Training Center	28,265
SOCOM	NC	2016	Fort Bragg	SOF Special Tactics Facility (PH 2)	43,887
SOCOM	NM	2016	Cannon AFB	SOF ST Operational Training Facilities	13,146
SOCOM	NM	2016	Cannon AFB	SOF Squadron Operations Facility	11,565
SOCOM	VA	2016	Joint Expeditionary Base Little Creek -	SOF Applied Instruction Facility	23,916
SOCOM	XC	2016	Classified Location	Operations Support Facility	20,065
SOCOM	CA	2017	Coronado	SOF Basic Training Command	95,137
SOCOM	CA	2017	Coronado	SOF SEAL Team Ops Facility	55,141
SOCOM	CA	2017	Coronado	SOF SEAL Team Ops Facility	41,051
SOCOM	CA	2017	Coronado	SOF Tactical Athlete Center	15,843
SOCOM	GA	2017	Fort Benning	SOF Tactical Unmanned Aerial Vehicle Hangar	4,902
SOCOM	HI	2017	Pearl Harbor	SOF Undersea Operational Training Facility	47,068
SOCOM	JA	2017	Kadena AB	SOF Maintenance Hangar	54,029
SOCOM	NC	2017	Fort Bragg	SOF Civil Affairs Battalion Complex	14,853

Organization	State Country	Fiscal Year	Location Title	Line Item Title	TOA Amount
SOCOM	NC	2017	Fort Bragg	SOF Combat Medic Training Facility	11,091
SOCOM	NC	2017	Fort Bragg	SOF Parachute Rigging Facility	21,785
SOCOM	NC	2017	Fort Bragg	SOF Special Tactics Facility (PH 3)	31,192
SOCOM	NC	2017	Fort Bragg	SOF THOR3 Facility	15,348
SOCOM	XC	2017	Classified Location	Battalion Complex, Ph 1	64,364
SOCOM	ZU	2017	Unspecified Worldwide Locations	Airfield Apron	16,117
SOCOM	ZU	2017	Unspecified Worldwide Locations	SOF Hangar/AMU Complex	26,307
SOCOM	ZU	2017	Unspecified Worldwide Locations	SOF Simulator Facility	44,088
SOCOM	ZU	2017	Unspecified Worldwide Locations	SOF Squadron Operations Facility	56,982
SOCOM	CA	2018	Camp Pendleton, California	SOF Marine Battalion Company/Team Facilities	9,958
SOCOM	CA	2018	Camp Pendleton, California	SOF Motor Transport Facility Expansion	7,284
SOCOM	CA	2018	Coronado	SOF Logistics Support Unit One Ops Facility #	46,175
SOCOM	CA	2018	Coronado	SOF NSWCEN Close Quarters Combat Facility	12,969
SOCOM	CA	2018	Coronado	SOF SEAL Team Ops Facility	66,218
SOCOM	CA	2018	Coronado	SOF SEAL Team Ops Facility	50,265
SOCOM	CO	2018	Fort Carson, Colorado	SOF Mountaineering Facility	10,893
SOCOM	FL	2018	Hurlburt Field	SOF Mission Exercise and Isolation Site	12,873
SOCOM	FL	2018	Hurlburt Field	SOF Small Arms Range	23,766
SOCOM	JA	2018	Kadena AB	SOF Special Tactics Operations Facility	24,633
SOCOM	JA	2018	Torri Commo Station	SOF Tactical Equipment Maintenance Facility	27,846
SOCOM	KY	2018	Fort Campbell, Kentucky	SOF Air/Ground Integration Urban Live Fire Ra	9,110
SOCOM	NC	2018	Camp Lejeune, North Carolina	SOF Motor Transport Maintenance Expansion	20,539
SOCOM	NC	2018	Fort Bragg	SOF Support Battalion Admin Facility	8,531
SOCOM	NC	2018	Fort Bragg	SOF Tactical Equipment Maintenance Facility	9,903
SOCOM	NC	2018	Fort Bragg	SOF Telecommunications Reliability Improvemen	3,961
SOCOM	NC	2018	Fort Bragg	SOF Vehicle Maintenance Facility	12,351
SOCOM	NM	2018	Cannon AFB	SOF C-130 AGE Facility	6,932
SOCOM	NM	2018	Cannon AFB	SOF NSAV Med 2-Bay Hangar/AMU	16,438
SOCOM	VA	2018	Fort Story	SOF SATEC Range Expansion	19,959
SOCOM	VA	2018	Little Creek	SOF Resiliency Center	12,290
SOCOM	WA	2018	Keyport	SOF Coldwater Training/Austere Environment Fa	11,140
SOCOM	XC	2018	Classified Location	Battalion Complex, PH2	42,086
SOCOM	AZ	2019	Yuma	SOF Ready Building	11,785
SOCOM	CA	2019	Camp Pendleton, California	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 NSWG-1 Operations Support Facility	19,410
SOCOM	CA	2019	Coronado	SOF TRADET ONE Ops Facility	45,060
SOCOM	CO	2019	Fort Carson, Colorado	SOF THOR3 Facility	15,350
SOCOM	FL	2019	Hurlburt Field	SOF Special Operations Air Warfare Center	14,855
SOCOM	FL	2019	Hurlburt Field	SOF Squadron Operations Facility	22,381
SOCOM	FL	2019	Key West	SOF Watercraft Maintenance & Storage Facility	12,153

Organization	State Country	Fiscal Year	Location Title	Line Item Title	TOA Amount
SOCOM	JA	2019	Kadena AB	SOF Human Performance Training Center	7,283
SOCOM	KY	2019	Fort Campbell, Kentucky	SOF Logistics Support Operations Facility	3,299
SOCOM	KY	2019	Fort Campbell, Kentucky	SOF THOR3 Facility	11,488
SOCOM	NC	2019	Fort Bragg	SOF Assessment and Selection Training Complex	9,903
SOCOM	NC	2019	Fort Bragg	SOF Battalion Operations Facility	40,603
SOCOM	NC	2019	Fort Bragg	SOF Close Quarters Combat Range	7,081
SOCOM	NC	2019	Fort Bragg	SOF Military Working Dog Facility	4,671
SOCOM	NC	2019	Fort Bragg	SOF Renovate H-2639	6,419
SOCOM	NC	2019	Fort Bragg	SOF Replace Maze and Tower	12,193
SOCOM	NC	2019	Fort Bragg	SOF SERE Resistance Training Laboratory Compl	20,302
SOCOM	NC	2019	Fort Bragg	SOF THOR3 Facility	15,350
SOCOM	VA	2019	Dam Neck	SOF Demolition Training Compound Expansion	11,318
SOCOM	VA	2019	Dam Neck	SOF Magazines	11,092
SOCOM	VA	2019	Dam Neck	SOF Transportation/Logistics Facility	11,884
SOCOM	WA	2019	Joint Base Lewis-Mcchord	SOF 22 STS Operations Facility	25,669
SOCOM	WA	2019	Joint Base Lewis-Mcchord	SOF Human Performance Training Center	3,129
SOCOM	XC	2019	Classified Location	Battalion Complex, Ph 3	42,089
SOCOM	ZU	2019	Unspecified Worldwide Locations	Facility Addition	6,140
SOCOM	ZU	2019	Unspecified Worldwide Locations	SOF ADAL Hangar/AMU	9,780
SOCOM	ZU	2019	Unspecified Worldwide Locations	SOF Special Tactics Operations Facility	28,900
SOCOM	AZ	2020	Yuma	SOF Hangar	19,791
SOCOM	AZ	2020	Yuma	SOF Military Free Fall Advanced Training Comp	22,859
SOCOM	CA	2020	Coronado	SOF ATC Operations Support Facility	14,745
SOCOM	CA	2020	Coronado	SOF Camp Michael Mansoor Training Support Fac	30,676
SOCOM	CA	2020	Coronado	SOF SERE Training Facility	15,338
SOCOM	GA	2020	Fort Benning	SOF THOR3 Facility	15,338
SOCOM	GA	2020	Hunter Army Airfield	SOF Indoor/Outdoor Range	19,791
SOCOM	GY	2020	Panzer Kaserne	SOF THOR3 Facility	7,800
SOCOM	GY	2020	Stuttgart-Patch Barracks	SOF Battalion Renovation	49,736
SOCOM	HI	2020	Pearl Harbor	SOF Dry Combat Submersible Ops Facility	17,664
SOCOM	HI	2020	Pearl Harbor	SOF Indoor Dynamic Shooting Facility	9,797
SOCOM	JA	2020	Kadena AB	SOF Simulator Facility (MC-130)	16,026
SOCOM	KY	2020	Fort Campbell, Kentucky	SOF SOAT-B HQ	23,750
SOCOM	NC	2020	Camp Lejeune, North Carolina	SOF Marine Special Operations Regiment HQ	13,400
SOCOM	NC	2020	Fort Bragg	SOF Admin/Company Operations	16,932
SOCOM	NC	2020	Fort Bragg	SOF Mackall Company Operations Facilities	12,370
SOCOM	NC	2020	Fort Bragg	SOF Renovate SOFLOG Buildings	5,443
SOCOM	NC	2020	Fort Bragg	SOF THOR3 Facility	11,479
SOCOM	NC	2020	Fort Bragg	SOF Tactical Equipment Maintenance Facility	8,012
SOCOM	NC	2020	Fort Bragg	SOF Tactical Vehicle Maintenance Facility	15,066
SOCOM	NM	2020	Cannon AFB	SOF Add Alter Sim Facility	7,521
SOCOM	VA	2020	Dam Neck	SOF Resiliency Center	12,370

Organization	State Country	Fiscal Year	Location Title	Line Item Title	TOA Amount
SOCOM	VA	2020	Fort Pickett	SOF SOUC Training Facility	30,478
SOCOM	VA	2020	Little Creek	SOF NSWG-10 Operations Facility	15,833
SOCOM	WA	2020	Joint Base Lewis-Mcchord	SOF Consolidated Rigging Facility	15,833
SOCOM	XC	2020	Classified Location	Training Target Structure	5,146
SOCOM	ZU	2020	Unspecified Worldwide Locations	Headquarters Expansion	27,699
SOCOM	ZU	2020	Unspecified Worldwide Locations	Maintenance Facility Addition	6,135
SOCOM	ZU	2020	Unspecified Worldwide Locations	SOF Simulator Facility	6,500
SOCOM	ZU	2020	Unspecified Worldwide Locations	Supply Support Facility	7,204
SOCOM	ZU	2020	Unspecified Worldwide Locations	Training Campus	11,875
WHS	VA	2017	Pentagon	Pentagon Corridor 8 Screening Facility	5,600
WHS	VA	2017	Pentagon	Pentagon Metro Entrance Facility	8,830
WHS	VA	2017	Pentagon	Security Updates - RRMC	7,300
WHS	VA	2017	Pentagon	Upgrade Information Technology Infrastructure	8,105
WHS	VA	2018	Pentagon	Pentagon Mission Power & Security Upgrade	35,472
WHS	VA	2019	Pentagon	Pentagon Mission Power and Security Upgrade P	16,851
WHS	VA	2019	Pentagon	South Commuter & Pedestrian Safety Upgrade	17,971
WHS	VA	2020	Pentagon	Consolidated Berthing - RRMC	30,000
WHS	VA	2020	Pentagon	Traffic Management Upgrades - RRMC	6,000