

# **Department of Defense**

**Fiscal Year (FY) 2017 Budget Estimates**

**Military Construction**

**Family Housing**

**Defense-Wide**



**Justification Data Submitted to Congress**

**February 2016**

**FY 2017 Budget Estimates  
Military Construction, Defense-Wide  
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**FY 2017 Military Construction, Defense-Wide**  
**(\$ in Thousands)**

<u>State/Installation/Project</u>	<u>Authorization Request</u>	<u>Approp. Request</u>	<u>New/Current Mission</u>	<u>Page No.</u>
<b>Alaska</b>				
Defense Logistics Agency Joint Base Elmendorf-Richardson Construct Truck Offload Facility	4,900	4,900	C	40
Missile Defense Agency Clear Air Force Station Long Range Discrimination Radar System Complex Phase 1	155,000	155,000	N	91
Fort Greely Missile Defense Complex Switchgear Facility	9,560	9,560	C	96
<b>Arizona</b>				
Defense Information Systems Agency Fort Huachuca JITC Building 52110 Renovation	4,493	4,493	C	36
<b>California</b>				
Defense Logistics Agency Travis Air Force Base Replace Hydrant Fuel System	26,500	26,500	C	43
U.S. Special Operations Command				
Coronado SOF Human Performance Training Center	15,578	15,578	C	129
SOF Seal Team Ops Facility	47,290	47,290	C	120
SOF Seal Team Ops Facility	47,290	47,290	C	123
SOF Special RECON Team One Operations Facility	20,949	20,949	C	126
SOF Training Detachment ONE Ops Facility	44,305	44,305	C	132
<b>Delaware</b>				
DOD Education Activity Dover Air Force Base Welch/Elementary/Dover Middle School Replacement	44,115	44,115	C	70
<b>Florida</b>				
Defense Logistics Agency Patrick Air Force Base Replace Fuel Tanks	10,100	10,100	C	46

**FY 2017 Military Construction, Defense-Wide**  
**(\$ in Thousands)**

<u>State/Installation/Project</u>	<u>Authorization Request</u>	<u>Approp. Request</u>	<u>New/Current Mission</u>	<u>Page No.</u>
<b>Georgia</b>				
Defense Health Agency Fort Gordon Medical Clinic Replacement	25,000	25,000	C	3
U.S. Special Operations Command Fort Benning SOF Tactical Unmanned Aerial Vehicle Hangar	4,820	4,820	C	136
<b>Maine</b>				
Defense Health Agency Portsmouth Naval Shipyard (Kittery) Medical/Dental Clinic Replacement	27,100	27,100	C	13
<b>Maryland</b>				
Defense Health Agency Walter Reed National Military MEDCEN Bethesda Medical Center Addition/Alteration Incr. 1	510,000	50,000	C	7
National Security Agency Fort Meade Access Control Facility	21,000	21,000	C	115
NSAW Campus Feeders Phase 3	17,000	17,000	C	108
NSAW Recapitalize Building #2 Incr. 2	-	195,000	C	110
<b>Missouri</b>				
National Geospatial Intelligence Agency St. Louis Land Acquisition-Next NGS West (N2W) Campus	801	801	C	104
<b>North Carolina</b>				
Defense Health Agency Camp Lejeune Dental Clinic Replacement	31,000	31,000	C	17
U.S. Special Operations Command Fort Bragg SOF Combat Medic Training Facility	10,905	10,905	C	144
SOF Parachute Rigging Facility	21,420	21,420	C	147
SOF Special Tactics Facility Phase 3	30,670	30,670	C	140
SOF Tactical Equipment Maintenance Facility	23,598	23,598	C	150

**FY 2017 Military Construction, Defense-Wide**  
**(\$ in Thousands)**

<u>State/Installation/Project</u>	<u>Authorization Request</u>	<u>Approp. Request</u>	<u>New/ Current Mission</u>	<u>Page No.</u>
<b>South Carolina</b>				
Defense Logistics Agency Joint Base Charleston Construct Hydrant Fuel System	17,000	17,000	C	49
<b>Texas</b>				
Defense Health Agency Sheppard Air Force Base Medical/Dental Clinic Replacement	91,910	91,910	C	21
Defense Logistics Agency Red River Army Depot Construct Warehouse and Open Storage	44,700	44,700	C	52
<b>Virginia</b>				
Washington Headquarters Services Pentagon Pentagon Metro Entrance Facility	12,111	12,111	C	175
Upgrade IT Facilities Infrastructure-RRMC	8,105	8,105	C	180
<b>Diego Garcia</b>				
Defense Logistics Agency Navy Support Facility Improve Wharf Refueling Capability	30,000	30,000	C	54
<b>Germany</b>				
Defense Health Agency Rhine Ordnance Barracks Medical Center Replacement Incr 6	-	58,063	C	25
DOD Education Activity Kaiserslautern Air Base Senbach Elementary/Middle School Replacement	45,221	45,221	C	75
<b>Japan</b>				
Defense Health Agency Kadena Air Base Medical Materiel Warehouse	20,881	20,881	C	31
Defense Logistics Agency Iwakuni Construct Truck Offload and Loading Facilities	6,664	6,664	C	58

**FY 2017 Military Construction, Defense-Wide  
(\$ in Thousands)**

<u>State/Installation/Project</u>	<u>Authorization Request</u>	<u>Approp. Request</u>	<u>New/ Current Mission</u>	<u>Page No.</u>
DOD Education Activity				
Kadena Air Base				
Kadena Elementary School Replacement	84,918	84,918	C	80
U.S. Special Operations Command				
Kadena Air Base				
SOF Maintenance Hangar	42,823	42,823	C	154
SOF Simulator Facility (MC-130)	12,602	12,602	C	157
Yokota Air Base				
Airfield Apron	41,294	41,294	C	161
Hangar/AMU	39,446	39,446	C	164
Operations and Warehouse Facilities	26,710	26,710	C	167
Simulator Facility	6,261	6,261	C	170
<b>Kwajalein</b>				
Defense Logistics Agency				
Kwajalein Atoll				
Replace Fuel Storage Tanks	85,500	85,500	C	60
<b>United Kingdom</b>				
Defense Logistics Agency				
Royal Air Force Lakenheath				
Construct Hydrant Fuel System	13,500	13,500	C	64
DOD Education Activity				
Royal Air Force Croughton				
Croughton Elementary/Middle/High School Replacement	71,424	71,424	C	85
<b>Wake Island</b>				
Missile Defense Agency				
Wake Island				
Test Support Facility	11,670	11,670	C	100
<b>Defense Level Activities/Worldwide Unspecified</b>				
Energy Conservation Investment Program	150,000	150,000	C	183
Contingency Construction	-	10,000	C	185

**FY 2017 Military Construction, Defense-Wide  
(\$ in Thousands)**

<u>State/Installation/Project</u>	<u>Authorization Request</u>	<u>Approp. Request</u>	<u>New/ Current Mission</u>	<u>Page No.</u>
<b>Unspecified Minor Construction</b>			C	187
Defense Health Agency	-	8,500		
DOD Education Activity	-	3,000		
Missile Defense Agency	-	2,414		
National Security Agency	-	3,913		
Special Operations Command	-	5,994		
Joint Chiefs of Staff	-	8,631		
Defense Level Activities	-	3,000		
<b>Total Minor Construction</b>	-	<b>35,452</b>		
<b>Planning and Design</b>			C	189
Defense Logistics Agency	-	27,660		
DoD Education Activity	-	23,585		
National Geospatial Intelligence Agency	-	71,647		
National Security Agency	-	24,000		
Special Operations Command	-	27,653		
Washington Headquarters Services	-	3,427		
Defense Level Activities	-	13,450		
ECIP Design	-	10,000		
<b>Total Planning and Design</b>	-	<b>201,422</b>		
<b>Total Military Construction, Defense-Wide</b>	<b>2,016,154</b>	<b>2,056,091</b>		

**FY 2017 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, \$2,056,091,000 to remain available until September 30, 2021: *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 \$201,422,000 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 2017 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 2017. 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 2017 Base Budget Estimates  
 Military Construction, Defense-Wide  
 Agency Summary  
 (\$000)**

	<u>Authorization</u>	<u>Appropriations</u>
<b>Defense Health Agency</b>	<b>705,891</b>	<b>303,954</b>
<b>Defense Information Systems Agency</b>	<b>4,493</b>	<b>4,493</b>
<b>Defense Logistics Agency</b>	<b>238,864</b>	<b>238,864</b>
<b>DoD Dependents Education Activity</b>	<b>245,678</b>	<b>245,678</b>
<b>Missile Defense Agency</b>	<b>176,230</b>	<b>176,230</b>
<b>National Geospatial-Intelligence Agency</b>	<b>801</b>	<b>801</b>
<b>National Security Agency</b>	<b>38,000</b>	<b>233,000</b>
<b>U.S. Special Operations Command</b>	<b>435,981</b>	<b>435,981</b>
<b>Washington Headquarters Services</b>	<b>20,216</b>	<b>20,216</b>
<b>Energy Conservation Investment Program</b>	<b>150,000</b>	<b>150,000</b>
<b>Contingency Construction</b>	<b>-</b>	<b>10,000</b>
<b>Minor Construction</b>	<b>-</b>	<b>35,452</b>
<b>Planning and Design</b>	<b>-</b>	<b><u>201,422</u></b>
<b>TOTAL</b>	<b>2,016,154</b>	<b>2,056,091</b>

**Defense Health Agency  
FY 2017 Military Construction, Defense-Wide  
(\$ in Thousands)**

<u>State/Installation/Project</u>	<u>Authorization Request</u>	<u>Approp. Request</u>	<u>New/ Current Mission</u>	<u>Page No.</u>
<b>Georgia</b>				
Fort Gordon Medical Clinic Replacement	25,000	25,000	C	3
<b>Maryland</b>				
Walter Reed National Military Medical Center, Bethesda Medical Center Addition/Alteration Increment 1	510,000	50,000	C	7
<b>Maine</b>				
Portsmouth Naval Shipyard (Kittery) Medical/Dental Clinic Replacement	27,100	27,100	C	13
<b>North Carolina</b>				
Camp Lejeune Dental Clinic Replacement	31,000	31,000	C	17
<b>Texas</b>				
Sheppard Air Force Base Medical/Dental Clinic Replacement	91,910	91,910	C	21
<b>Germany</b>				
Rhine Ordnance Barracks Medical Center Replacement Increment 6	-	58,063	C	25
<b>Japan</b>				
Kadena Air Base Medical Material Warehouse	20,881	20,881	C	31
<b>Total</b>	<b>705,891</b>	<b>303,954</b>		

Note: The Military Health System is more closely aligning the classification of its medical equipment with the DoD definitions for real property installed equipment (RPIE) and personal property. The result is that some equipment such as imaging equipment, which was previously funded as a part of a military construction project, is now acquired, accounted for, and maintained as personal property.

1. COMPONENT DEF (DHA)		<b>FY 2017 MILITARY CONSTRUCTION PROGRAM</b>					2. DATE FEB 2016			
3. INSTALLATION AND LOCATION Fort Gordon, Georgia			4. COMMAND US Army Installation Command			5. AREA CONSTRUCTION COST INDEX 0.90				
6. PERSONNEL STRENGTH:		PERMANENT		STUDENTS			SUPPORTED			
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF SEP 30 2015	1,916	5,541	4,046	758	4,405	15	185	2,760	6,301	25,927
B. END FY 2021	2,024	5,620	3,150	768	4,177	20	187	2,813	6,326	25,085
7. INVENTORY DATA (\$000)										
A. TOTAL AREAGE	58,524									
B. INVENTORY TOTAL AS OF SEPTEMBER 30, 2015			0							
C. AUTHORIZATION NOT YET IN INVENTORY			0							
D. AUTHORIZATION REQUESTED IN THIS PROGRAM			25,000							
E. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM			0							
F. PLANNED IN NEXT THREE YEARS			8,200							
G. REMAINING DEFICIENCY			0							
H. GRAND TOTAL			33,200							
8. PROJECTS REQUESTED IN THIS PROGRAM:										
CATEGORY CODE	PROJECT NUMBER	PROJECT TITLE			SCOPE	COST (\$000)	DESIGN START	DESIGN COMPLETE		
550	72381	Medical Clinic Replacement			59,076	25,000	06 / 2015	12 / 2017		
9. FUTURE PROJECTS:										
CATEGORY CODE	PROJECT TITLE				SCOPE	COST (\$000)				
A.	INCLUDED IN THE FOLLOWING PROGRAM (FY 2018): None				N/A	0				
B.	PLANNED NEXT THREE PROGRAM YEARS: (FY 2019 – 2021) Blood Donor Center				N/A	8,200				
C.	R&M Unfunded Requirements					N/A				
10. MISSION OR MAJOR FUNCTION:										
Fort Gordon is home to numerous tenant units with diverse missions. Presently the largest is the U.S. Army Signal Corps, and includes the largest information technology and communications training school in the Armed Forces. The installation is also home to the Southeast (SE) Regional Medical Command, the SE Regional Veterinary Command, the SE Regional Dental Command, the Army's only Dental Laboratory, the 93rd Sig Bde (FORSCOM) - theater tactical communications, the Gordon Regional Security Operations Center (INSCOM) - one of three Joint CONUS-based intelligence platforms, the 513th MI Bde (INSCOM) - theater-level intelligence and security, and Reserve/National Guard units (359th Sig Bde, RTS-Med, 878th Engineers).										
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)	<b>FY 2017 MILITARY CONSTRUCTION PROJECT DATA</b>			2. Date FEB 2016
3. Installation and Location/UIC: Fort Gordon, Georgia			4. Project Title: Medical Clinic Replacement	
5. Program Element 87717HP	6. Category Code 55010	7. Project Number 72381	8. Project Cost (\$000) 25,000	
<p><u>REQUIREMENT (Continued):</u> to trainees and active duty members permanently assigned to the installation.</p> <p><u>CURRENT SITUATION:</u> Soldier healthcare is currently provided in multiple locations at Fort Gordon. In addition to being geographically dispersed, the clinics are significantly undersized and poorly configured to support the contemporary delivery of Soldier-Soldiers must travel to multiple locations to complete exams, delaying their return to duty or training. Facility constraints preclude embedding behavioral health with primary care, which is a key readiness principle of Army medicine. The three clinic buildings are all on constrained sites surrounded by streets and parking lots that infringe on AT/FP minimum standoff requirements.</p> <p><u>IMPACT IF NOT PROVIDED:</u> The dispersed nature of medical service delivery will continue to result in time lost from duty and training. The delivery of coordinated, inter-disciplinary delivery of care, consistent with current standards, will not be possible.</p> <p><u>JOINT USE CERTIFICATION:</u> The Director, Defense Health Agency, Facilities Division has reviewed this project for Joint Use potential. Joint use construction is recommended.</p>				
12. Supplemental Data:				
A. Design Data (Estimated):				
(1) Status:				
(a) Design Start Date				JUN 2015
(b) Percent of Design Completed as of 1 JAN 2016				3%
(c) Expected 35% Design Date (Draft RFP)				JUN 2016
(d) 100% Design Completion Date				DEC 2017
(e) Parametric Design (Yes or No) Y Parametric estimates have been used to develop project costs.				
(f) Type of Design Contract:				
1. Design Build (YES/NO) Y				
2. Design, Bid-Build (YES/NO) N				
3. Site Adapt (YES/NO) N				
(g) Energy Studies & Life Cycle Analysis Performed (Yes or No) Y				
(2) Basis:				
(a) Standard or Definitive Design - (YES/NO) N				
(b) Where Design Was Most Recently Used N/A				
(3) Total Design Cost (c)=(a)+(b) OR (d)+(e):				<u>Cost (\$000)</u>
(a) Production of Plans and Specifications				430
(b) All Other Design Costs				1,070
(c) Total Design Cost				1,500
(d) Contract				1,200
(e) In-house				300

1. Component DEF (DHA)	<b>FY 2017 MILITARY CONSTRUCTION PROJECT DATA</b>			2. Date FEB 2016
3. Installation and Location/UIC: Fort Gordon, Georgia			4. Project Title: Medical Clinic Replacement	
5. Program Element 87717HP	6. Category Code 55010	7. Project Number 72381	8. Project Cost (\$000) 25,000	
Supplemental Data (Continued):				
(4) Construction Contract Award Date			JUN 2017	
(5) Construction Start Date			SEP 2017	
(6) Construction Completion Date			SEP 2019	
B. Equipment associated with this project which will be provided from other appropriations:				
<u>Equipment Nomenclature</u>	<u>Procuring Appropriation</u>	<u>Fiscal Year Appropriated Or Requested</u>	<u>Cost (\$000)</u>	
Expense	OM	2017	\$ 1,879	
Expense	OM	2018	\$ 2,819	
Investment	OP	2018	\$ 1,080	
Chief, Design, Construction & Activation Office Phone Number: 703-275-6077				



1. COMPONENT DEF(TMA)		<b>FY 2017 MILITARY CONSTRUCTION PROGRAM</b>					2. DATE FEB 2016				
3. INSTALLATION AND LOCATION  Bethesda, Maryland			4. COMMAND  Chief, Bureau of Medicine and Surgery			5. AREA CONSTRUCTION COST INDEX  1.0					
6. PERSONNEL STRENGTH:		PERMANENT		STUDENTS			SUPPORTED				
		OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A.	AS OF SEP 30 2015	2,630	1,589	355	0	0	0	56	36	0	4,666
B.	END FY 2020	2,530	869	355	0	0	0	56	36	0	3,846
7. INVENTORY DATA (\$000)											
A.	TOTAL AREA	243 Acres									
B.	INVENTORY TOTAL AS OF 30 SEPTEMBER 2012						2,145,013				
C.	AUTHORIZATION NOT YET IN INVENTORY						0				
D.	AUTHORIZATION REQUESTED IN THIS PROGRAM						510,000				
E.	AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM						0				
F.	PLANNED IN NEXT THREE YEARS						528,000				
G.	REMAINING DEFICIENCY						68,636				
H.	GRAND TOTAL						3,251,649				
8. PROJECTS REQUESTED IN THIS PROGRAM:											
CATEGORY CODE	PROJECT NUMBER	PROJECT TITLE			SCOPE	COST (\$000)	DESIGN START	DESIGN COMPLETE			
510	80906	MEDCEN Addition/Alteration Inc 1			713,978 SF	50,000	02 / 2013	07 / 2016			
9. FUTURE PROJECTS:											
CATEGORY CODE	PROJECT TITLE				SCOPE	COST (\$000)					
A.	INCLUDED IN THE FOLLOWING PROGRAM (2018):										
510	Medical Center Addition/Alteration, Incremental 2				LS	210,000					
B.	PLANNED NEXT THREE PROGRAM YEARS (FY2019-2021):										
510	Medical Center Addition/Alteration, Incremental 3				LS	200,000					
510	Medical Center Addition/Alteration, Incremental 4				LS	50,000					
310	Education and Research Building Addition/Alteration				LS	278,000					
C.	R&M UNFUNDED REQUIREMENT:					99,420					
10. MISSION OR MAJOR FUNCTION:											
To lead military medicine in the areas of medical care, research, and education. To support tenant commands in their pursuit of excellence in patient care, medical research and education. To tactically execute efficient and effective shore installation management services and programs in support of mission commanders to enable combat readiness for fleet, fighter, and family.											
11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:											
										(\$000)	
A. AIR POLLUTION										0	
B. WATER POLLUTION										0	
C. OCCUPATIONAL SAFETY AND HEALTH										0	

1. Component DEF (DHA)	FY 2017 MILITARY CONSTRUCTION PROJECT DATA			2. Date FEB 2016	
3. Installation and Location: Bethesda, Maryland Walter Reed National Military Medical Center (WRNMMC)			4. Project Title: Medical Center Addition/Alteration , Increment 1		
5. Program Element 87717HP	6. Category Code 51010	7. Project Number 80906	8. Project Cost (\$000) Auth 510,000 Approp 50,000		
<b>9. COST ESTIMATES</b>					
Item		U/M	Quantity	Unit Cost	Cost (\$000)
<u>PRIMARY FACILITIES</u>					361,193
Medical Center Addition CATCODE 51010		SF	589,928	525	(309,712)
Medical Center Alteration CATCODE 51010		SF	124,050	415	(51,481)
<u>SUPPORTING FACILITIES</u>					98,364
Electric Service		LS	--	--	(4,590)
Water, Sewer, Gas		LS	--	--	(3,992)
Steam and Chilled Water Distribution		LS	--	--	(2,836)
Paving, Walks, Curbs and Gutters		LS	--	--	(10,397)
Storm Drainage		LS	--	--	(3,881)
Site Imp (13,348) Demo (8,148)		LS	--	--	(21,496)
Information Systems		LS	--	--	(3,945)
Antiterrorism Measures		LS	--	--	(3,945)
Construction Phasing		LS	--	--	(9,865)
Special Foundation		LS	--	--	(11,033)
EISA 2007 Low Impact Development Compliance		LS	--	--	(2,259)
Other (O&M Manuals, PCAS, Enhanced Commissioning) and Below Grade Coordination		LS	--	--	(20,125)
ESTIMATED CONTRACT COST					459,557
CONTINGENCY PERCENT (5.00%)					<u>22,978</u>
SUBTOTAL					482,535
SUPERVISION, INSPECTION & OVERHEAD (5.70%)					<u>27,504</u>
TOTAL REQUEST					510,039
TOTAL REQUEST (ROUNDED)					510,000
FUTURE APPROPRIATION REQUEST					<u>460,000</u>
CURRENT APPROPRIATION REQUEST (ROUNDED)					50,000
INSTALLED EQT-OTHER APPROPRIATIONS					(191,000)
10. Description of Proposed Construction: This is the first increment of the NAVSUPACT Bethesda MD Medical Center Addition/Alteration (MCAA). The project will construct a new addition for in-patient and out-patient medical care, renovate the existing hospital Buildings 9 and 10, provide information systems, and provide appropriate antiterrorism measures. Deteriorated Buildings 2, 4, 6, 7, 8 and 100 of the main hospital complex will be demolished. Construction requires appropriate setbacks for access to natural light. Supporting facilities include utilities, paving, site improvements, special foundations, and environmental mitigation. The project will be designed in accordance with Unified Facilities Criteria (UFC) 4-510-01 Design: Military Medical Facilities, UFC 1-200-01 General Building Requirements, UFC 1-200-02 High Performance and Sustainable Building Requirements, UFC 4-010-01 DoD Minimum Antiterrorism Standards for Buildings, barrier free design in accordance with DoD, "ABA (Architectural Barriers Act) Accessibility Standard" and DEPSECDEF Memorandum "Access for People with Disabilities" dated 10/31/2008, and MHS World Class principles per World Class Checklist Requirements. The project will be designed to LEED Healthcare					



1. Component DEF (DHA)	<b>FY 2017 MILITARY CONSTRUCTION PROJECT DATA</b>			2. Date FEB 2016
3. Installation and Location: Bethesda, Maryland Walter Reed National Military Medical Center (WRNMMC)			4. Project Title: Medical Center Addition/Alteration , Increment 1	
5. Program Element 87717HP	6. Category Code 51010	7. Project Number 80906	8. Project Cost (\$000) Auth 510,000 Approp 50,000	

12. Supplemental Data:

(1) Status:

- |  |          |
|--|----------|
| (a) Design Start Date  | FEB 2013 |
| (b) Percent of Design Completed as of 1 Jan 2016               | 67%      |
| (c) Expected 35% Design Date                                   | JAN 2014 |
| (d) 100% Design Completion Date                                | JUL 2016 |
| (e) Parametric Design (Yes or No)                              | Y        |
| (f) Type of Design Contract:                                   |          |
| 1. Design Build (YES/NO)                                       | N        |
| 2. Design, Bid-Build (YES/NO)                                  | Y        |
| 3. Site Adapt (YES/NO)   | N        |
| (g) Energy Studies & Life Cycle Analysis Performed (Yes or No) | Y        |

(2) Basis:

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

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

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

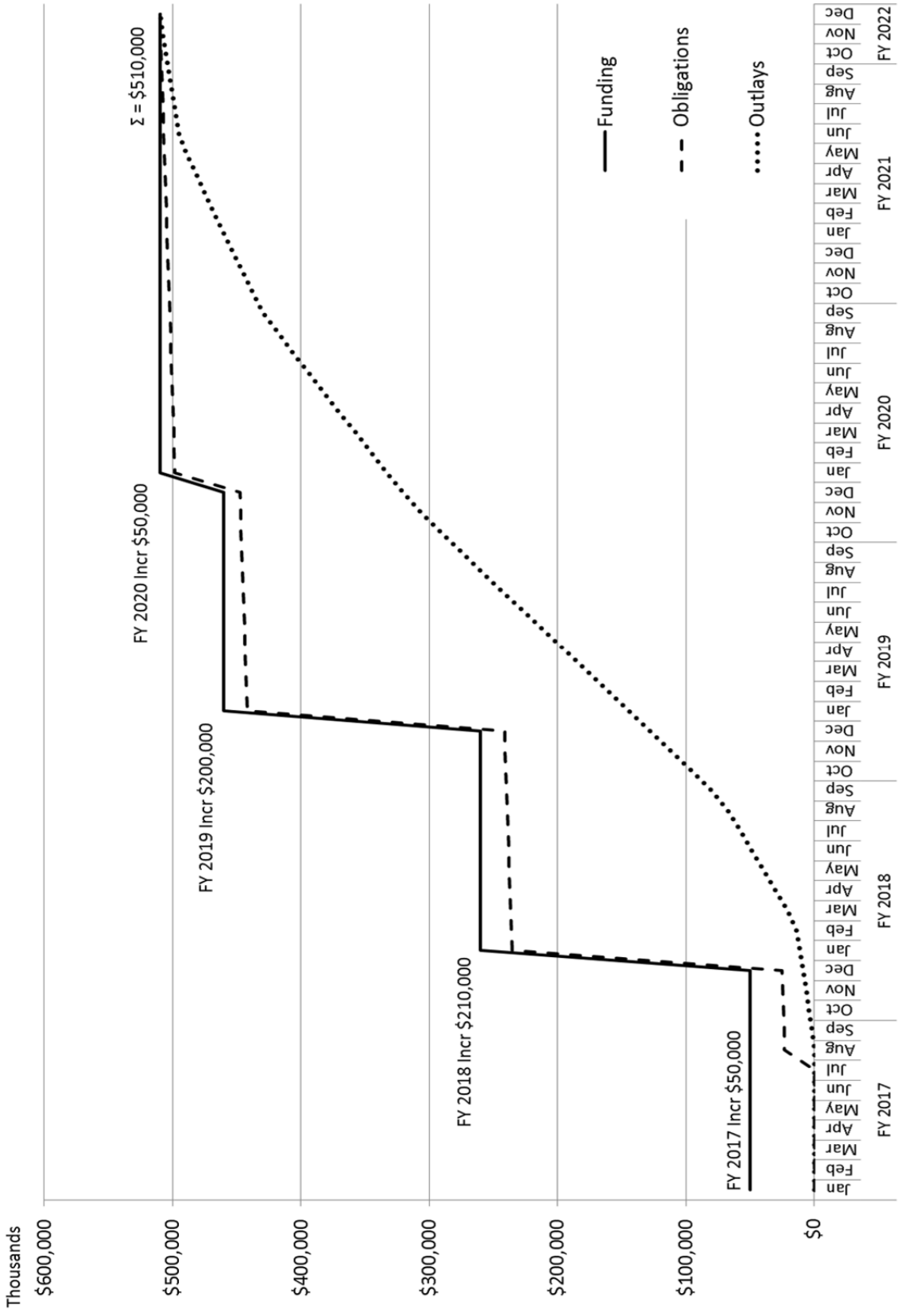
- |                                      |           |
|--------------------------------------|-----------|
| (4) Construction Contract Award Date | JUNE 2017 |
| (5) Construction Start Date          | AUG 2017  |
| (6) Construction Completion Date     | DEC 2021  |

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

<u>Equipment</u> <u>Nomenclature</u>	<u>Procuring</u> <u>Appropriation</u>	<u>Fiscal Year</u> <u>Appropriated</u> <u>Or Requested</u>	<u>Cost</u> <u>(\$000)</u>
Expense	OM	2017	6,350
Expense	OM	2018	25,400
Investment	OP	2018	32,000
Expense	OM	2019	25,400
Investment	OP	2019	32,000
Expense	OM	2020	69,850

1. Component DEF (DHA)	<b>FY 2017 MILITARY CONSTRUCTION PROJECT DATA</b>			2. Date FEB 2016														
3. Installation and Location:  Bethesda, Maryland Walter Reed National Military Medical Center (WRNMMC)			4. Project Title:  Medical Center Addition/Alteration , Increment 1															
5. Program Element  87717HP	6. Category Code  51010	7. Project Number  80906	8. Project Cost (\$000) Auth 510,000 Approp 50,000															
<p>Supplemental Data (Continued):</p> <p>FUNDING PROFILE:</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 40%;">Authorization</td> <td style="text-align: right;">\$ 510,000,000</td> </tr> <tr> <td>Appropriations</td> <td></td> </tr> <tr> <td>2017</td> <td style="text-align: right;">\$ 50,000,000</td> </tr> <tr> <td>2018</td> <td style="text-align: right;">\$ 210,000,000</td> </tr> <tr> <td>2019</td> <td style="text-align: right;">\$ 200,000,000</td> </tr> <tr> <td>2020</td> <td style="text-align: right;"><u>\$ 50,000,000</u></td> </tr> <tr> <td></td> <td style="text-align: right;">\$ 510,000,000</td> </tr> </table> <p>Chief, Design, Construction &amp; Activation Office: Phone Number: 703-275-6077</p>					Authorization	\$ 510,000,000	Appropriations		2017	\$ 50,000,000	2018	\$ 210,000,000	2019	\$ 200,000,000	2020	<u>\$ 50,000,000</u>		\$ 510,000,000
Authorization	\$ 510,000,000																	
Appropriations																		
2017	\$ 50,000,000																	
2018	\$ 210,000,000																	
2019	\$ 200,000,000																	
2020	<u>\$ 50,000,000</u>																	
	\$ 510,000,000																	

# Walter Reed Medical Center Addition/Alteration, NSA Bethesda, MD



1. COMPONENT DEF (TMA)		FY 2017 MILITARY CONSTRUCTION PROGRAM					2. DATE FEB 2016				
3. INSTALLATION AND LOCATION Naval Shipyard Portsmouth, (Kittery) Maine			4. COMMAND Commander Navy Installation Command			5. AREA CONSTRUCTION COST INDEX 1.11					
6. PERSONNEL STRENGTH:		PERMANENT			STUDENTS			SUPPORTED			
		OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A.	AS OF 30 SEP 2015	259	1,009	5,091	0	42	0	72	587	0	7,060
B.	END FY 2020	255	1,006	5,091	0	42	0	87	612	0	7,093
7. INVENTORY DATA (\$000)											
A.	TOTAL AREA	309 Acres									
B.	INVENTORY TOTAL AS OF 30 SEPTEMBER 2015						1,670,936				
C.	AUTHORIZATION NOT YET IN INVENTORY						0				
D.	AUTHORIZATION REQUESTED IN THIS PROGRAM						27,100				
E.	AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM						0				
F.	PLANNED IN NEXT THREE YEARS						0				
G.	REMAINING DEFICIENCY						0				
H.	GRAND TOTAL						1,698,036				
8. PROJECTS REQUESTED IN THIS PROGRAM:											
CATEGORY CODE	PROJECT NUMBER	PROJECT TITLE			SCOPE	COST (\$000)	DESIGN START	DESIGN COMPLETE			
550	71509	Medical/Dental Clinic Replacement			53,468 SF	27,100	09 / 2015	03 / 2017			
9. FUTURE PROJECTS:											
CATEGORY CODE	PROJECT TITLE					SCOPE	COST (\$000)				
A.	INCLUDED IN THE FOLLOWING PROGRAM (FY): 2018						0				
B.	PLANNED NEXT THREE PROGRAM YEARS: (FY 2019-2021)						0				
C.	R&M UNFUNDED REQUIREMENT:						756,937				
10. MISSION OR MAJOR FUNCTION:											
<p>Portsmouth Naval Shipyard's primary mission is the overhaul, repair and modernization of Los Angeles-class and Virginia-class submarines. Portsmouth Naval Shipyard provides the U.S. Navy's nuclear powered submarine fleet with quality overhaul work in a safe, timely and affordable manner. This includes a full spectrum of in-house support--from engineering services and production shops, to unique capabilities and facilities, to off-site support--all of which serves the multifaceted assortment of fleet requirements.</p>											
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)	<b>FY 2017 MILITARY CONSTRUCTION PROJECT DATA</b>			2. Date FEB 2016
3. Installation and Location/UIC: Naval Shipyard Portsmouth, (Kittery) Maine			4. Project Title: Medical/Dental Clinic Replacement	
5. Program Element 87717HP	6. Category Code 55010	7. Project Number 71509	8. Project Cost (\$000) 27,100	
<b>9. COST ESTIMATES</b>				
Item	U/M	Quantity	Unit Cost	Cost (\$000)
<u>PRIMARY FACILITIES</u>				
Medical Clinic CATCODE 55010	SF	48,773	342	19,449 (16,680)
Dental Clinic CATCODE 54010	SF	4,695	496	(2,329)
Additional Antiterrorism Measures	LS	--	--	(440)
<u>SUPPORTING FACILITIES</u>				
Electric Services	LS	--	--	4,972 (560)
Water, Sewer, Gas	LS	--	--	(420)
Paving, Walks, Curbs and Gutters	LS	--	--	(360)
Storm Drainage	LS	--	--	(400)
Site Imp (1,500) and Demo (0)	LS	--	--	(1,500)
Information Systems	LS	--	--	(180)
Antiterrorism Measures	LS	--	--	(200)
Special Foundations	LS	--	--	(402)
EISA 2007 Section 438 Low Impact Development Compliance	LS	--	--	(290)
Other (O&M Manuals, PCAS and Enhanced Commissioning)	LS	--	--	(660)
ESTIMATED CONTRACT COST				24,421
CONTINGENCY PERCENT (5.00%)				<u>1,221</u>
SUBTOTAL				25,642
SUPERVISION, INSPECTION & OVERHEAD (5.70%)				<u>1,462</u>
TOTAL REQUEST				27,104
TOTAL REQUEST (ROUNDED)				27,100
INSTALLED EQT-OTHER APPROPRIATIONS				(8,215)
10. Description of Proposed Construction: Construct a replacement medical/dental clinic. Supporting facilities include utilities, site improvements, parking, access roads, and environmental protection measures. The existing branch health clinic will be returned to the installation. Due to land constraints on the Naval Shipyard, siting of the clinic results in bordering roadways within 30 feet on half of the building perimeter, driving higher AT/FP costs. The project will be designed in accordance with Unified Facilities Criteria (UFC) 4-510-01 Design: Military Medical Facilities, UFC 1-200-01 General Building Requirements, UFC 1-200-02 High Performance and Sustainable Building Requirements, UFC 4-010-01 DoD Minimum Antiterrorism Standards for Buildings, barrier free design in accordance with DoD, "ABA (Architectural Barriers Act) Accessibility Standard" and DEPSECDEF Memorandum "Access for People with Disabilities" dated 10/31/2008, and MHS World Class principles per World Class Checklist Requirements. The project will be LEED New Construction (NC) Silver certifiable. Operations and Maintenance Manuals, and Enhanced Commissioning will be provided. Air Conditioning: 200 tons.				
11. REQ:		ADQT:		SUBSTD:
CATCODE 55010 = 48,773 SF		0 SF		64,725 SF
CATCODE 55010 = 4,695 SF		0 SF		0 SF
<u>PROJECT:</u> Construct a medical/dental clinic replacement. (CURRENT MISSION)				



1. Component DEF (DHA)	<b>FY 2017 MILITARY CONSTRUCTION PROJECT DATA</b>			2. Date FEB 2016
3. Installation and Location/UIC: Naval Shipyard Portsmouth, (Kittery) Maine			4. Project Title: Medical/Dental Clinic Replacement	
5. Program Element 87717HP	6. Category Code 55010	7. Project Number 71509	8. Project Cost (\$000) 27,100	
<b>REQUIREMENT:</b> Portsmouth Naval Shipyard (PNSY) requires a safe and efficient environment to provide primary, behavioral health, dental, and selected specialty care to active duty members and their families as well as occupational health services to civilian workers.				
<b>CURRENT SITUATION:</b> The existing clinic at PNSY is located in a building constructed over 100 years ago as a hospital and is not conducive to the delivery of modern ambulatory care procedures. The existing facility cannot accommodate the full range of required services, resulting in a dispersion of patients and personnel into various non-medical buildings. The main building suffers from structural and architectural constraints that preclude the right-sizing of clinical, ancillary, and support functions relative to actual requirements. In addition to the problems associated with building systems and design, the main facility does not comply with standards pertaining to AT/FP, accessibility, and safety.				
<b>IMPACT IF NOT PROVIDED:</b> Required medical, dental, behavioral, and occupational health services will continue to be provided in outdated, inefficient, and dispersed facilities.				
<b>JOINT USE CERTIFICATION:</b> 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) <u>Status:</u>				
(a) Design Start Date			SEP 2015	
(b) Percent of Design Completed as of 1 JAN 2016			5%	
(c) Expected 35% Design Date			JUN 2016	
(d) 100% Design Completion Date			MAR 2017	
(e) Parametric Design (Yes or No) Yes. 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) <u>Basis:</u>				
(a) Standard or Definitive Design - (YES/NO) N				
(b) Where Design Was Most Recently Used N/A				
(3) <u>Total Design Cost</u> (c)=(a)+(b) OR (d)+(e):			<u>Cost (\$000)</u>	
(a) Production of Plans and Specifications			1,463	
(b) All Other Design Costs			976	
(c) Total Design Cost			2,439	
(d) Contract			2,195	
(e) In-house			244	

1. Component DEF (DHA)	<b>FY 2017 MILITARY CONSTRUCTION PROJECT DATA</b>			2. Date FEB 2016
3. Installation and Location/UIC: Naval Shipyard Portsmouth, (Kittery) Maine			4. Project Title: Medical/Dental Clinic Replacement	
5. Program Element 87717HP	6. Category Code 55010	7. Project Number 71509	8. Project Cost (\$000) 27,100	
Supplemental Data (Continued):				
(4) Construction Contract Award Date			JUL 2017	
(5) Construction Start Date			OCT 2017	
(6) Construction Completion Date			APR 2020	
B. Equipment associated with this project which will be provided from other appropriations:				
<u>Equipment Nomenclature</u>	<u>Procuring Appropriation</u>	<u>Fiscal Year Appropriated Or Requested</u>	<u>Cost (\$000)</u>	
Expense	OM		\$7,535	
Expense	OP		\$ 680	
Chief, Design, Construction & Activation Office Phone Number: 703-275-6077				

1. COMPONENT DEF(TMA)		<b>FY 2017 MILITARY CONSTRUCTION PROGRAM</b>					2. DATE FEB 2016			
3. INSTALLATION AND LOCATION MCB Camp Lejeune, North Carolina			4. COMMAND Commandant of the Marine Corps			5. AREA CONSTRUCTION COST INDEX 0.95				
6. PERSONNEL STRENGTH:		PERMANENT		STUDENTS			SUPPORTED			
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF 30 SEP 2015	4,125	43,448	4,040	1,835	38,471	177	0	0	61,454	153,550
B. END FY 2020	3,951	39,342	4,045	1,634	35,293	132	0	0	61,454	145,851
7. INVENTORY DATA (\$000)										
A. TOTAL AREA	129,799 Acres									
B. INVENTORY TOTAL AS OF 30 SEPTEMBER 2015	9,505,717									
C. AUTHORIZATION NOT YET IN INVENTORY	573,363									
D. AUTHORIZATION REQUESTED IN THIS PROGRAM	31,000									
E. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM	39,900									
F. PLANNED IN NEXT THREE YEARS	0									
G. REMAINING DEFICIENCY	0									
H. GRAND TOTAL	10,150,710									
8. PROJECTS REQUESTED IN THIS PROGRAM:										
CATEGORY CODE	PROJECT NUMBER	PROJECT TITLE			SCOPE	COST (\$000)	DESIGN START	DESIGN COMPLETE		
540	14019	Dental Clinic Replacement			43,890 SF	31,000	09 / 2015	03 / 2017		
9. FUTURE PROJECTS:										
CATEGORY CODE	PROJECT TITLE					SCOPE	COST (\$000)			
A.	INCLUDED IN THE FOLLOWING PROGRAM (FY): 2018									
550	Medical Clinic Addition/Alteration					LS	10,300			
550	Medical/Dental Clinic					LS	14,800			
550	Medical/Dental Clinic					LS	14,800			
B.	PLANNED NEXT THREE PROGRAM YEARS:						0			
C.	R&M UNFUNDED REQUIREMENT:						203,478			
10. MISSION OR MAJOR FUNCTION:										
MCB Camp Lejeune supports the combat readiness of expeditionary forces by providing training, logistics, garrison support, mobilization and deployment support and a wide range of quality of life services including housing, safety and security, medical and dental care, family services, off duty education and recreation.										
11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:										
A. AIR POLLUTION									0	
B. WATER POLLUTION									0	
C. OCCUPATIONAL SAFETY AND HEALTH									0	

1. Component DEF (DHA)	<b>FY 2017 MILITARY CONSTRUCTION PROJECT DATA</b>			2. Date FEB 2016
3. Installation and Location/UIC:  MCB Camp Lejeune, North Carolina		4. Project Title:  Dental Clinic Replacement		
5. Program Element  87717HP	6. Category Code  54010	7. Project Number  14019	8. Project Cost (\$000)  31,000	
<b>9. COST ESTIMATES</b>				
Item	U/M	Quantity	Unit Cost	Cost (\$000)
<b><u>PRIMARY FACILITIES</u></b>				24,558
Dental Clinic Replacement CATCODE 54010	SF	43,890	438	(19,224)
Medical Administrative CATCODE 61020	SF	26,405	202	(5,334)
<b><u>SUPPORTING FACILITIES</u></b>				3,425
Electrical Service	LS	--	--	(546)
Water, Sewer, Gas	LS	--	--	(107)
Paving, Walks, Curbs and Gutters	LS	--	--	(472)
Storm Drainage	LS	--	--	(85)
Site Imp (600) Demo (755)	LS	--	--	(1,355)
Information Systems	LS	--	--	(130)
Antiterrorism Measures	LS	--	--	(180)
EISA 2007 Section 438 Low Impact Development Compliance	LS	--	--	(400)
Other (O&M Manuals, PCAS, Enhanced Commissioning)	LS	--	--	(150)
ESTIMATED CONTRACT COST				27,983
CONTINGENCY PERCENT (5.00%)				<u>1,399</u>
SUBTOTAL				29,382
SUPERVISION, INSPECTION & OVERHEAD (5.70%)				<u>1,675</u>
TOTAL REQUEST				31,057
TOTAL REQUEST (ROUNDED)				31,000
INSTALLED EQT-OTHER APPROPRIATIONS				(8,215)
10. Description of Proposed Construction: Construct a replacement Dental Clinic with backup power capability to consolidate the Camp Lejeune dental command. Supporting facilities include utilities, site improvements, parking, signage and environmental protection measures. Existing buildings 100 and 102 will be demolished. Remaining vacated dental facilities will be returned to MCB Camp Lejeune for non-medical use. The project will be designed in accordance with Unified Facilities Criteria (UFC) 4-510-01 Design: Military Medical Facilities, UFC 1-200-01 General Building Requirements, UFC 1-200-02 High Performance and Sustainable Building Requirements, UFC 4-010-01 DoD Minimum Antiterrorism Standards for Buildings, barrier free design in accordance with DoD, "ABA (Architectural Barriers Act) Accessibility Standard" and DEPSECDEF Memorandum "Access for People with Disabilities" dated 10/31/2008, and MHS World Class principles per World Class Checklist Requirements. The project will be LEED New Construction (NC) Silver certifiable. Operations and Maintenance Manuals, Enhanced Commissioning, and Comprehensive Interior Design will be provided. Air Conditioning: 250 tons.				
11. REQ:	ADQT:	SUBSTD:		
CATCODE 54010 = 55,796 SF	11,906 SF	12,483 SF		
CATCODE 61020 = 91,296 SF	64,891 SF	0 SF		
<b><u>PROJECT:</u></b> Construct a dental clinic replacement. (CURRENT MISSION)				

1. Component DEF (DHA)	<b>FY 2017 MILITARY CONSTRUCTION PROJECT DATA</b>			2. Date FEB 2016
3. Installation and Location/UIC:  MCB Camp Lejeune, North Carolina		4. Project Title:  Dental Clinic Replacement		
5. Program Element  87717HP	6. Category Code  54010	7. Project Number  14019	8. Project Cost (\$000)  31,000	
<b>REQUIREMENT:</b> The Naval Dental Center requires the capability to provide safe and efficient comprehensive general and specialty care to more than 45,000 active duty personnel and provide command oversight to Marine Corps dental facilities at Marine Corps Air Station (MCAS) Cherry Point, Marine Corps Recruit Depot Parris Island, and MCAS Beaufort. The identified Installation wide requirement is for three dental support facilities.				
<b>CURRENT SITUATION:</b> Naval Dental Center/2D Dental Battalion is housed in multiple buildings originally constructed from 1943 to 1972. Sustainment of these buildings is increasingly expensive and many are deteriorating beyond economical restoration. Specialty care is provided in two separate physical locations which creates an inherently inefficient operation. The obsolete chassis of one specialty center, Osborne Dental Clinic, cannot support the modern practice of dentistry. It lacks the required HVAC capabilities to provide an environment free of mold. The central sterilization function is at increased risk of failure due to insufficient mechanical and HVAC support required to maintain adequate humidity and temperature levels. Mechanical, electrical, communication and plumbing systems are deteriorated beyond economic repair. A shortage of clinical capacity requires the routine use of mobile dental units to augment clinic operations. Significant renovations of this building are made more complex due to the age and condition of the building envelope. In addition to the deficiencies at Osborne, non-compliance with AT/FP and federal accessibility standards is common among all existing facilities. Deficiencies in electrical services and distribution systems are also found in several facilities. As is the case with dental services, Command element functions are also dispersed throughout several buildings in the main garrison area, thereby impeding efficient operations.				
<b>IMPACT IF NOT PROVIDED:</b> The cost of maintaining multiple aged facilities and building systems will continue to increase. Clinical and Command functions will continue to be inefficiently dispersed across multiple locations.				
<b>JOINT USE CERTIFICATION:</b> 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) <u>Status:</u>				
(a) Design Start Date			SEP 2015	
(b) Percent of Design Completed as of 1 JAN 2016			12%	
(c) Expected 35% Design Date			JUL 2016	
(d) 100% Design Completion Date			MAR 2017	
(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) <u>Basis:</u>				
(a) Standard or Definitive Design - (YES/NO) N				
(b) Where Design Was Most Recently Used N/A				

1. Component DEF (DHA)	FY 2017 MILITARY CONSTRUCTION PROJECT DATA			2. Date FEB 2016
3. Installation and Location/UIC:  MCB Camp Lejeune, North Carolina		4. Project Title:  Dental Clinic Replacement		
5. Program Element  87717HP	6. Category Code  54010	7. Project Number  14019	8. Project Cost (\$000)  31,000	
Supplemental Data (continued):				
(3) <u>Total Design Cost</u> (c)=(a)+(b) OR (d)+(e):				<u>Cost (\$000)</u>
(a) Production of Plans and Specifications				1,674
(b) All Other Design Costs				1,116
(c) Total Design Cost				2,790
(d) Contract				2,511
(e) In-house				279
(4) Construction Contract Award Date				JUL 2017
(5) Construction Start Date				OCT 2017
(6) Construction Completion Date				MAY 2020
B. Equipment associated with this project which will be provided from other appropriations:				
<u>Equipment</u> <u>Nomenclature</u>	<u>Procuring</u> <u>Appropriation</u>	<u>Fiscal Year</u> <u>Appropriated</u> <u>Or Requested</u>	<u>Cost</u> <u>(\$000)</u>	
Expense	OM		\$7,535	
Expense	OP		\$ 680	
Chief, Design, Construction & Activation Office Phone Number: 703-275-6077				

1. COMPONENT DEF (DHA)		FY 2017 MILITARY CONSTRUCTION PROGRAM					2. DATE FEB 2016			
3. INSTALLATION AND LOCATION Sheppard Air Force Base, Texas			4. COMMAND Strategic Air Command			5. AREA CONSTRUCTION COST INDEX 0.844				
6. PERSONNEL STRENGTH:		PERMANENT		STUDENTS			SUPPORTED			
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF SEP 30 2015	447	1,302	1,206	225	3,320	0	15	1,228	7,307	15,054
B. END FY 2021	469	1,367	1,266	236	3,486	0	20	1,289	7,672	15,805
7. INVENTORY DATA (\$000)										
A. TOTAL AREAGE	5,736									
B. INVENTORY TOTAL AS OF SEPTEMBER 30, 2015			0							
C. AUTHORIZATION NOT YET IN INVENTORY			0							
D. AUTHORIZATION REQUESTED IN THIS PROGRAM			91,910							
E. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM			0							
F. PLANNED IN NEXT THREE YEARS			0							
G. REMAINING DEFICIENCY			0							
H. GRAND TOTAL			91,910							
8. PROJECTS REQUESTED IN THIS PROGRAM:										
CATEGORY CODE	PROJECT NUMBER	PROJECT TITLE			SCOPE	COST (\$000)	DESIGN START	DESIGN COMPLETE		
550	72738	Medical/Dental Clinic Replacement			N/A	91,910	04 / 2015	12 / 2016		
9. FUTURE PROJECTS:										
CATEGORY CODE	PROJECT TITLE				SCOPE	COST (\$000)				
A.	INCLUDED IN THE FOLLOWING PROGRAM (FY 2018): None				N/A	0				
B.	PLANNED NEXT THREE PROGRAM YEARS: (FY 2019 – 2021) None				N/A	0				
C.	R&M Unfunded Requirements					N/A				
10. MISSION OR MAJOR FUNCTION:										
Home to the Air Force's largest technical training wing and the world's only internationally manned and managed flying training program. Sheppard recruits and trains pilots and maintainers as well as propulsion, avionics maintenance, flight equipment, fuels, munitions and aerospace ground equipment specialists needed to keep planes in the air.										
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 2017 MILITARY CONSTRUCTION PROJECT DATA			2. Date FEB 2016
3. Installation and Location/UIC: Sheppard Air Force Base, Texas			4. Project Title: Medical/Dental Clinic Replacement	
5. Program Element 87717HP	6. Category Code 550101	7. Project Number 72738	8. Project Cost (\$000) 91,910	
<b>9. COST ESTIMATES</b>				
Item	U/M	Quantity	Unit Cost	Cost (\$000)
<b>PRIMARY FACILITIES</b>				
Medical Clinic Replacement CATCODE 550101	SF	155,687	331	58,338 (51,532)
Dental Clinic CATCODE 540243	SF	13,100	505	(6,616)
Ambulance Shelter CATCODE 510264	SF	900	211	(190)
<b>SUPPORTING FACILITIES</b>				
Electric Services	LS	--	--	20,228 (340)
Water, Sewer, Gas	LS	--	--	(160)
Steam and/or Chilled Water Distribution	LS	--	--	(980)
Paving, Walks, Curbs and Gutters	LS	--	--	(1,250)
Storm Drainage	LS	--	--	(160)
Site Improvements (2,250) & Demolition (9,500)	LS	--	--	(11,750)
Information Systems	LS	--	--	(390)
Antiterrorism Measures	LS	--	--	(440)
Special Foundations	LS	--	--	(1,150)
EISA 2007 Section 438 Low Impact Development Compliance	LS	--	--	(400)
Hazard Material Abatement / Site Restoration	LS	--	--	(1,800)
Other (O&M Manuals, DDC and Enhanced Commissioning)	LS	--	--	(1,408)
ESTIMATED CONTRACT COST				78,566
CONTINGENCY PERCENT (5.00%)				<u>3,928</u>
SUBTOTAL				82,494
SUPERVISION, INSPECTION & OVERHEAD (5.70%)				4,702
DESIGN/BUILD COST (6.00%)				<u>4,714</u>
TOTAL REQUEST				91,910
TOTAL REQUEST (UNROUNDED)				91,910
INSTALLED EQT-OTHER APPROPRIATIONS				(17,465)
10. Description of Proposed Construction: Construct a replacement medical/dental clinic. Supporting facilities include utilities, site improvements, parking, access roads, and environmental protection measures. The existing hospital will be demolished. The project will be designed in accordance with Unified Facilities Criteria (UFC) 4-510-01 Design: Military Medical Facilities, UFC 1-200-01 General Building Requirements, UFC 1-200-02 High Performance and Sustainable Building Requirements, UFC 4-010-01 DoD Minimum Antiterrorism Standards for Buildings, barrier free design in accordance with DoD, "ABA (Architectural Barriers Act) Accessibility Standard" and DEPSECDEF Memorandum "Access for People with Disabilities" dated 10/31/2008, and MHS World Class principles per World Class Checklist Requirements. The project will be LEED New Construction (NC) Silver certifiable. Operations and Maintenance Manuals, Enhanced Commissioning, and Comprehensive Interior Design will be provided. Air Conditioning: 600 tons.				
11. REQ:		ADQT:		SUBSTD:
CATCODE 550101 = 155,687 SF		0 SF		331,680 SF
CATCODE 540243 = 13,100 SF		0 SF		0 SF
CATCODE 510264 = 900 SF		0 SF		0 SF



1. Component DEF (DHA)	<b>FY 2017 MILITARY CONSTRUCTION PROJECT DATA</b>			2. Date FEB 2016																		
3. Installation and Location/UIC: Sheppard Air Force Base, Texas			4. Project Title: Medical/Dental Clinic Replacement																			
5. Program Element 87717HP	6. Category Code 550101	7. Project Number 72738	8. Project Cost (\$000) 91,910																			
<p><b>PROJECT:</b> Construct a medical/dental clinic replacement. (CURRENT MISSION)</p> <p><b>REQUIREMENT:</b> Sheppard AFB requires a safe and efficient environment to provide primary and selected specialty care to active duty members, their families, and other eligible beneficiaries.</p> <p><b>CURRENT SITUATION:</b> The existing medical facility at Sheppard AFB was built over 50 years ago as a 400-bed station hospital. In 2002, the Air Force removed the inpatient mission, leaving a facility nearly twice the required size, and poorly configured to support ambulatory care. The currently oversized and dysfunctional facility suffers from failing building systems and a chronically leaking building envelope which encourages mold growth. The leaking plumbing and obsolete HVAC systems are a hazard to health, and the current structural condition does not comply with seismic and progressive collapse code and criteria for this facility type. The building is expensive to operate, maintain, and the expected facility life-cycle has been expended.</p> <p><b>IMPACT IF NOT PROVIDED:</b> The cost of maintaining aged systems will continue to increase due to the failed and failing infrastructure. The cost of maintaining surplus, underutilized space will continue to add to the cost of care provided at Sheppard AFB. The facility will remain oversized, major renovation will continue to be required, and the facility will not adequately align with its mission requirement.</p> <p><b>JOINT USE CERTIFICATION:</b> The Director, Defense Health Agency, Facilities Division has reviewed this project for Joint Use potential. Joint Use construction is recommended.</p>																						
<p>12. Supplemental Data:</p> <p>A. Design Data (Estimated):</p> <p>(1) <u>Status:</u></p> <table> <tr> <td>(a) Design Start Date</td> <td>APR 2015</td> </tr> <tr> <td>(b) Percent of Design Completed as of 1 JAN 2016</td> <td>5%</td> </tr> <tr> <td>(c) Expected 35% Design Date (Draft RFP)</td> <td>JUL 2016</td> </tr> <tr> <td>(d) 100% Design Completion Date (Final RFP)</td> <td>DEC 2016</td> </tr> </table> <p>(e) Parametric Design (Yes or No) Y Parametric estimates have been used to develop project costs.</p> <p>(f) Type of Design Contract:</p> <table> <tr> <td>1. Design Build (YES/NO)</td> <td>Y</td> </tr> <tr> <td>2. Design, Bid-Build (YES/NO)</td> <td>N</td> </tr> <tr> <td>3. Site Adapt (YES/NO)</td> <td>N</td> </tr> </table> <p>(g) Energy Studies &amp; Life Cycle Analysis Performed (Yes or No) Y</p> <p>(2) <u>Basis:</u></p> <table> <tr> <td>(a) Standard or Definitive Design - (YES/NO)</td> <td>N</td> </tr> <tr> <td>(b) Where Design Was Most Recently Used</td> <td>N/A</td> </tr> </table>					(a) Design Start Date	APR 2015	(b) Percent of Design Completed as of 1 JAN 2016	5%	(c) Expected 35% Design Date (Draft RFP)	JUL 2016	(d) 100% Design Completion Date (Final RFP)	DEC 2016	1. Design Build (YES/NO)	Y	2. Design, Bid-Build (YES/NO)	N	3. Site Adapt (YES/NO)	N	(a) Standard or Definitive Design - (YES/NO)	N	(b) Where Design Was Most Recently Used	N/A
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3. Site Adapt (YES/NO)	N																					
(a) Standard or Definitive Design - (YES/NO)	N																					
(b) Where Design Was Most Recently Used	N/A																					

1. Component DEF (DHA)	<b>FY 2017 MILITARY CONSTRUCTION PROJECT DATA</b>			2. Date FEB 2016
3. Installation and Location/UIC: Sheppard Air Force Base, Texas			4. Project Title: Medical/Dental Clinic Replacement	
5. Program Element 87717HP	6. Category Code 550101	7. Project Number 72738	8. Project Cost (\$000) 91,910	
Supplemental Data (Continued):				
(3) <u>Total Design Cost</u> (c)=(a)+(b) OR (d)+(e):			<u>Cost (\$000)</u>	
(a) Production of Plans and Specifications			1,540	
(b) All Other Design Costs			3,860	
(c) Total Design Cost			5,400	
(d) Contract			4,320	
(e) In-house			1,080	
(4) Construction Contract Award Date			JUN 2017	
(5) Construction Start Date			AUG 2017	
(6) Construction Completion Date			SEP 2019	
B. Equipment associated with this project which will be provided from other appropriations:				
<u>Equipment Nomenclature</u>	<u>Procuring Appropriation</u>	<u>Fiscal Year Appropriated Or Requested</u>	<u>Cost (\$000)</u>	
Expense	OM	2017	\$ 768	
Investment	OP	2017	\$ 702	
Expense	OM	2018	\$13,055	
Investment	OP	2018	\$ 702	
Expense	OM	2019	\$ 1,536	
Investment	OP	2019	\$ 702	
Chief, Design, Construction & Activation Office Phone Number: 703-275-6077				

1. COMPONENT DEF (DHA)		FY 2017 MILITARY CONSTRUCTION PROGRAM				2. DATE FEB 2016					
3. INSTALLATION AND LOCATION Germany Various, Germany		4. COMMAND US Army Installation Management Command				5. AREA CONSTRUCTION COST INDEX 1.17					
6. PERSONNEL STRENGTH:		PERMANENT		STUDENTS			SUPPORTED				
		OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF JUL 30 2015		0	0	0	0	0	0	0	0	0	0
B. END FY 2021		0	0	0	0	0	0	0	0	0	0
7. INVENTORY DATA (\$000)											
A. TOTAL AREA	131,060 AC										
B. INVENTORY TOTAL AS OF 1 SEP 2015			31,398,619								
C. AUTHORIZATION NOT YET IN INVENTORY			1,061,753								
D. AUTHORIZATION REQUESTED IN THIS PROGRAM			0								
E. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM			0								
F. PLANNED IN NEXT THREE YEARS			394,872								
G. REMAINING DEFICIENCY			0								
H. GRAND TOTAL			32,855,244								
8. PROJECTS REQUESTED IN THIS PROGRAM:											
CATEGORY CODE	PROJECT NUMBER	PROJECT TITLE			SCOPE	COST (\$000)	DESIGN START	DESIGN COMPLETE			
510	81412	Hospital Replacement, Increment 6			LS	58,063	11 / 2010	06 / 2018			
9. FUTURE PROJECTS:											
CATEGORY CODE	PROJECT TITLE				SCOPE	COST (\$000)					
A.	510	INCLUDED IN THE FOLLOWING PROGRAM (FY 2018): Hospital Replacement, Increment 7				LS	394,872				
B.	550	PLANNED NEXT THREE PROGRAM YEARS (2019-2021): Medical Clinic Replacement				LS	20,094				
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 overseas.											
11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES: (\$000)											
A. AIR POLLUTION								0			
B. WATER POLLUTION								0			
. OCCUPATIONAL SAFETY AND HEALTH								0			

1. Component DEF (DHA)	<b>FY 2017 MILITARY CONSTRUCTION PROJECT DATA</b>			2. Date FEB 2016
3. Installation and Location: Rhine Ordnance Barracks, Germany			4. Project Title: Medical Center Replacement, Increment 6	
5. Program Element 87717HP	6. Category Code 51010	7. Project Number 81412	8. Project Cost (\$000) 58,063	
<b>9. COST ESTIMATES</b>				
Item	U/M	Quantity	Unit Cost	Cost (\$000)
<b><u>PRIMARY FACILITIES</u></b>				
Medical Center/Hospital (33,082 SM)	SF	356,091	449	654,662 (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 & EPAAct05, EISA2007, and Renewable Energy	LS	--	--	(19,551)
Building Information Systems	LS	--	--	(21,588)
Antiterrorism Measures	LS	--	--	(18,008)
<b><u>SUPPORTING FACILITIES</u></b>				
Electric Service	LS	--	--	204,503 (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)
<b>ESTIMATED CONTRACT COST</b>				
CONTINGENCY PERCENT (5.00%)				
				42,958
<b>SUBTOTAL</b>				902,123
SUPERVISION, INSPECTION & OVERHEAD (6.50%)				58,638
CATEGORY E EQUIPMENT				29,262
<b>TOTAL REQUEST</b>				990,023
TOTAL REQUEST (ROUNDED)				990,000
PREVIOUS APPROPRIATIONS				528,648
FUTURE APPROPRIATION REQUEST				394,872
CURRENT APPROPRIATION REQUEST (UNROUNDED)				58,063
INSTALLED EQT-OTHER APPROPRIATIONS				(174,811)
10. Description of Proposed Construction: The sixth increment funds liabilities potentially incurred by the German government, the contract execution entity, in accordance with Article 49 of the Supplementary Agreement to the Status of Forces Agreement. German fiscal and				

1. Component DEF (DHA)	<b>FY 2017 MILITARY CONSTRUCTION PROJECT DATA</b>			2. Date FEB 2016
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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, Communications Building alteration, bridge and road improvements, access control point facilities, demolition and site clearance of former ordnance storage area and environmental protection and mitigation. The existing Landstuhl Regional Medical Center and the existing 86th MDG facilities will be returned to respective installations for other uses except for Blood Donor Center, contingency and bulk storage logistics will remain on Landstuhl. The project will be designed in accordance with the criteria prescribed in Unified Facilities Criteria UFC 4-510-01, DoD Minimum Antiterrorism Standards for Buildings UFC 4-010-01, barrier-free design in accordance with DoD, "ABA (Architectural Barriers Act) Accessibility Standard" and DEPSECDEF Memorandum "Access for People with Disabilities" dated 10/31/2008, Evidence Based Design principles, MHS World Class Checklist Requirements, Executive Order 13514, DoD Strategic Sustainability Performance Plan (SSPP), the Energy Policy Act of 2005 (EAPct05), and in accordance with the host nation Status of Forces Agreement (SOFA). The project will be LEED Healthcare Silver certifiable. Operation and Maintenance Manuals, Design During Construction, Enhanced Commissioning, and Comprehensive Interior Design will be provided. 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.

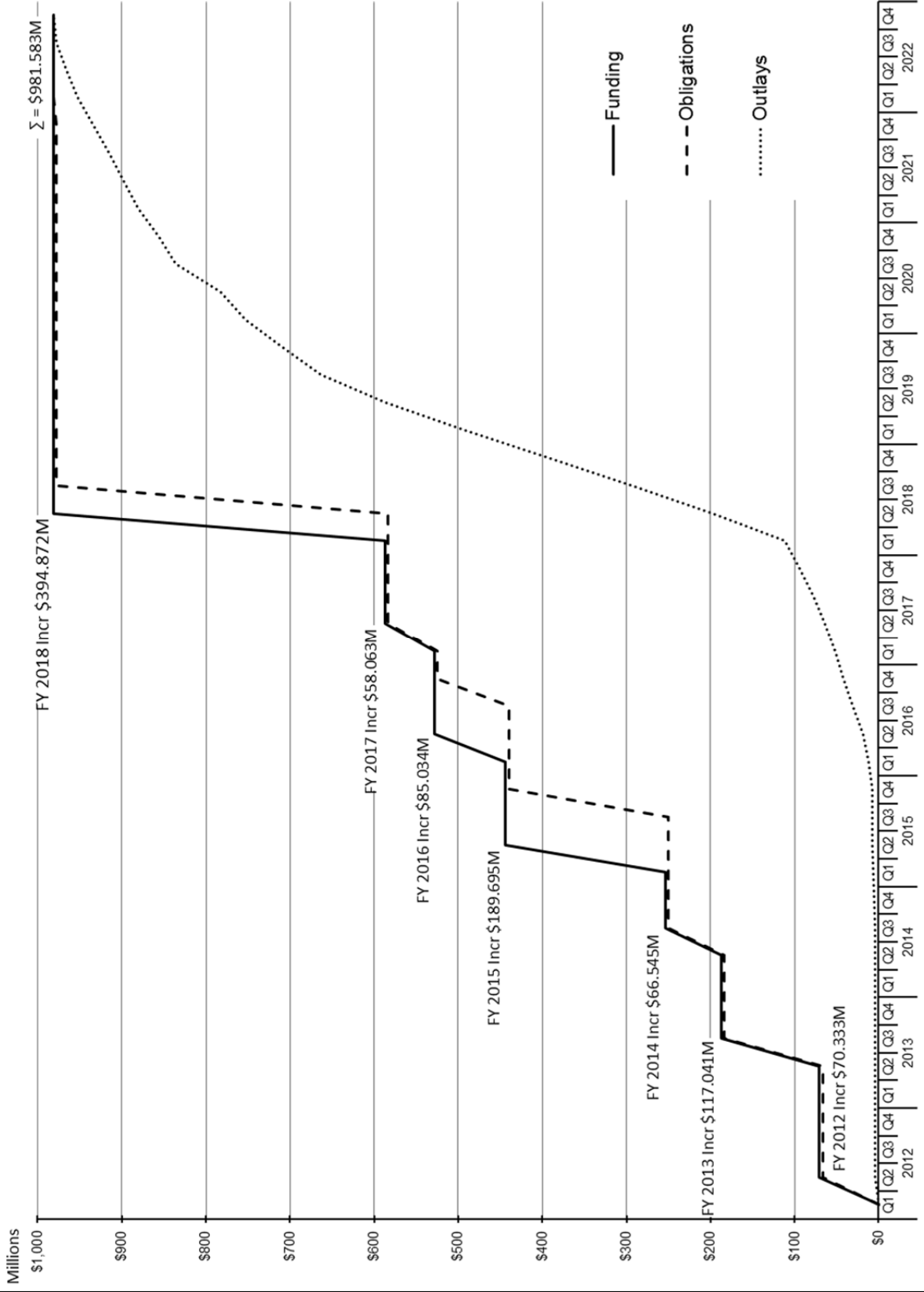
**CURRENT SITUATION:**

The existing Medical Center is located approximately 13 km (8 miles) from Ramstein Air Base. Most of the route is on an unsecured civilian autobahn and public roads. The total time required to transport critically wounded troops from the airfield to treatment currently varies from 20 to 45 minutes depending on traffic and weather conditions. The existing

1. Component DEF (DHA)	<b>FY 2017 MILITARY CONSTRUCTION PROJECT DATA</b>			2. Date FEB 2016
3. Installation and Location: Rhine Ordnance Barracks, Germany			4. Project Title: Medical Center Replacement, Increment 6	
5. Program Element 87717HP	6. Category Code 51010	7. Project Number 81412	8. Project Cost (\$000) 58,063	
<p>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.</p> <p>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.</p> <p>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.</p> <p><b><u>IMPACT IF NOT PROVIDED:</u></b> 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.</p> <p><b><u>JOINT USE CERTIFICATION:</u></b> The Director, Defense Health Agency, Facilities Division has reviewed this project for Joint Use potential. Joint Use construction is recommended.</p>				
12. Supplemental Data:				
A. Design Data (Estimated):				
(1) Status:				
(a) Design Start Date			NOV 2010	
(b) Percent of Design Completed as of 1 JAN 2016			20%	
(c) Expected 35% (of Medical Center) Design Date			JUN 2017	
(d) 100% (of Medical Center) Design Completion Date			JUN 2019	
(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				

1. Component DEF (DHA)	<b>FY 2017 MILITARY CONSTRUCTION PROJECT DATA</b>			2. Date FEB 2016																																																
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<p>3. Site Adapt (YES/NO) N</p> <p>4. Host Nation Partnering Method Y</p> <p>(g) Energy Studies &amp; Life Cycle Analysis Performed (Yes or No) Y</p> <p>(2) <u>Basis:</u></p> <p>(a) Standard or Definitive Design - (YES/NO) N</p> <p>(b) Where Design Was Most Recently Used N/A</p> <p>(3) <u>Total Design Cost</u> (c)=(a)+(b) OR (d)+(e):</p> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 80%;"></th> <th style="text-align: right; width: 20%;"><u>Cost (\$000)</u></th> </tr> </thead> <tbody> <tr> <td>(a) Production of Plans and Specifications</td> <td style="text-align: right;">50,500</td> </tr> <tr> <td>(b) All Other Design Costs</td> <td style="text-align: right;">63,500</td> </tr> <tr> <td>(c) Total Design Cost</td> <td style="text-align: right;">114,000</td> </tr> <tr> <td>(d) Contract</td> <td style="text-align: right;">97,000</td> </tr> <tr> <td>(e) In-house</td> <td style="text-align: right;">17,000</td> </tr> </tbody> </table> <p>(4) Construction Contract Award Date MAR 2012</p> <p>(5) Construction Start Date DEC 2013</p> <p>(6) Construction Completion Date DEC 2022</p> <p>B. Equipment associated with this project which will be provided from other appropriations:</p> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 25%;"><u>Equipment Nomenclature</u></th> <th style="width: 25%;"><u>Procuring Appropriation</u></th> <th style="width: 25%;"><u>Fiscal Year Appropriated Or Requested</u></th> <th style="width: 25%;"><u>Cost (\$000)</u></th> </tr> </thead> <tbody> <tr> <td>Investment</td> <td>OP</td> <td>2020</td> <td style="text-align: right;">44,811</td> </tr> <tr> <td>Expense</td> <td>OM</td> <td>2021</td> <td style="text-align: right;">65,000</td> </tr> <tr> <td>Expense</td> <td>OM</td> <td>2022</td> <td style="text-align: right;">65,000</td> </tr> </tbody> </table> <p>C. FUNDING PROFILE:</p> <table style="width: 100%; border-collapse: collapse;"> <tbody> <tr> <td>Authorization</td> <td style="text-align: right;">\$990,000,000</td> </tr> <tr> <td>Appropriations</td> <td></td> </tr> <tr> <td>2012</td> <td style="text-align: right;">\$ 70,333,000</td> </tr> <tr> <td>2013</td> <td style="text-align: right;">\$117,041,000</td> </tr> <tr> <td>2014</td> <td style="text-align: right;">\$ 66,545,000</td> </tr> <tr> <td>2015</td> <td style="text-align: right;">\$189,695,000</td> </tr> <tr> <td>2016</td> <td style="text-align: right;">\$ 85,034,000</td> </tr> <tr> <td>2017</td> <td style="text-align: right;">\$ 58,063,000</td> </tr> <tr> <td>2018</td> <td style="text-align: right;"><u>\$394,872,000</u></td> </tr> <tr> <td></td> <td style="text-align: right;">\$981,583,000</td> </tr> </tbody> </table> <p>Chief, Design, Construction &amp; Activation Office: Phone Number: 703-275-6077</p>						<u>Cost (\$000)</u>	(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	<u>Equipment Nomenclature</u>	<u>Procuring Appropriation</u>	<u>Fiscal Year Appropriated Or Requested</u>	<u>Cost (\$000)</u>	Investment	OP	2020	44,811	Expense	OM	2021	65,000	Expense	OM	2022	65,000	Authorization	\$990,000,000	Appropriations		2012	\$ 70,333,000	2013	\$117,041,000	2014	\$ 66,545,000	2015	\$189,695,000	2016	\$ 85,034,000	2017	\$ 58,063,000	2018	<u>\$394,872,000</u>		\$981,583,000
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2018	<u>\$394,872,000</u>																																																			
	\$981,583,000																																																			

# Medical Center Replacement, Rhine Ordnance Barracks, Germany





1. COMPONENT DEF (DHA)		FY 2017 MILITARY CONSTRUCTION PROGRAM					2. DATE FEB 2016				
3. INSTALLATION AND LOCATION Kadena Air Base, Okinawa, Japan			4. COMMAND US Pacific Command			5. AREA CONSTRUCTION COST INDEX 1.77					
6. PERSONNEL STRENGTH:		PERMANENT		STUDENTS			SUPPORTED				
		OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF SEP 30 2015		593	2,423	3,693	0	0	0	41	100	2,515	9,365
B. END FY 2021		564	2,508	3,860	0	0	0	37	92	2,326	9,387
7. INVENTORY DATA (\$000)											
A. TOTAL AREAGE	3,368										
B. INVENTORY TOTAL AS OF SEPTEMBER 30, 2015			6,397,724								
C. AUTHORIZATION NOT YET IN INVENTORY			0								
D. AUTHORIZATION REQUESTED IN THIS PROGRAM			20,881								
E. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM			0								
F. PLANNED IN NEXT THREE YEARS			0								
G. REMAINING DEFICIENCY			0								
H. GRAND TOTAL			6,418,605								
8. PROJECTS REQUESTED IN THIS PROGRAM:											
CATEGORY CODE	PROJECT NUMBER	PROJECT TITLE			SCOPE	COST (\$000)	DESIGN START	DESIGN COMPLETE			
530	14022	Medical Materiel Warehouse			55,000	20,881	10 / 2015	12 / 2017			
9. FUTURE PROJECTS:											
CATEGORY CODE	PROJECT TITLE				SCOPE	COST (\$000)					
A.	INCLUDED IN THE FOLLOWING PROGRAM (FY 2018): None				N/A	0					
B.	PLANNED NEXT THREE PROGRAM YEARS: (FY 2019 – 2021) None				N/A	0					
C.	R&M Unfunded Requirements					N/A					
10. MISSION OR MAJOR FUNCTION:											
Operating from the largest U.S. installation in the Asia-Pacific region, the 18th Wing defends U.S. and Japanese mutual interests by providing a responsive staging and operational air base with integrated, deployable, forward-based air power. Strategy used to employ this mission centers around 93 aircraft comprised of 54 F-15, 15 KC-135, 10 HH-60, 2 E-3, 10 C-130, and 2 RC-135											
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)	<b>FY 2017 MILITARY CONSTRUCTION PROJECT DATA</b>			2. Date FEB 2016																		
3. Installation and Location/UIC:  Kadena Air Base, Okinawa, Japan		4. Project Title:  Medical Materiel Warehouse																				
5. Program Element  87717HP	6. Category Code  530602	7. Project Number  14022	8. Project Cost (\$000)  <b>20,881</b>																			
<p><b>CURRENT SITUATION:</b>  U.S. Pacific Command (USPACOM) is the largest Combatant Command (COCOM), with an Area of Responsibility that encompasses 50% of the earth's surface, 36 countries, and over 3.5 billion people. The absence of this facility in PACOM represents the only COCOM without full Theater Lead Agent Medical Materiel (TLAMM) capabilities. The mission of the TLAMM-Pacific is to support a scalable operation to deliver medical logistics support during peacetime, natural disasters, and contingencies. Four tiers of required support include: 1) Baseline support to enduring customers; 2) First level augmentation in support of natural disasters; 3) Support of large-scale disasters and long-term humanitarian assistance, including aero-medical evacuation, and; 4) Support of assigned OPLAN requirements in the event of full kinetic contingency operations. Products and services include: Patient Movement Items (PMI), sustainment, medical maintenance support, distribution support, pre-positioned war reserve materiel, inventory control for refrigerated, hazardous and controlled substances, and contingency assembly/kitting support.</p> <p>Existing operations are temporarily housed in Building B910, a 50 year-old administrative facility that is substantially undersized and can only support Tier 1 and Tier 2 operations. Building B910 lacks space to receive, store, assemble and distribute medical materiel. There exists no capacity to store materiel on pre-positioned pallets, including 10-day Combat Support Hospital (CSH) and go-to-war sets. The current TLAMM cannot achieve full operating capability as required by a November 2009 directive issued by the Chairman of the Joint Chiefs of Staff.</p> <p><b>IMPACT IF NOT PROVIDED:</b>  Medical logistics support required in current theater OPLANs will not be available, putting the lives of U.S. military members, allied forces, and civilians at risk in the event of a natural disaster or combat operations. The lack of capability to rapidly deliver the full range of medical supplies in theatre will delay provision of medical services to those in great need.</p> <p><b>JOINT USE CERTIFICATION:</b>  The Director, Defense Health Agency, Facilities Division has reviewed this project for Joint Use potential. Joint Use construction is recommended.</p>																						
<p>12. Supplemental Data:</p> <p>A. Design Data (Estimated):</p> <p>(1) <u>Status:</u></p> <table> <tr> <td>(a) Design Start Date</td> <td>OCT 2015</td> </tr> <tr> <td>(b) Percent of Design Completed as of 1 JAN 2016</td> <td>15%</td> </tr> <tr> <td>(c) Expected 35% Design Date (Draft RFP)</td> <td>JUL 2016</td> </tr> <tr> <td>(d) 100% Design Completion Date</td> <td>DEC 2017</td> </tr> </table> <p>(e) Parametric Design (Yes or No) Y Parametric estimates have been used to develop project costs.</p> <p>(f) Type of Design Contract:</p> <table> <tr> <td>1. Design Build (YES/NO)</td> <td>Y</td> </tr> <tr> <td>2. Design, Bid-Build (YES/NO)</td> <td>N</td> </tr> <tr> <td>3. Site Adapt (YES/NO)</td> <td>N</td> </tr> </table> <p>(g) Energy Studies &amp; Life Cycle Analysis Performed (Yes or No) Y</p> <p>(2) <u>Basis:</u></p> <table> <tr> <td>(a) Standard or Definitive Design - (YES/NO)</td> <td>N</td> </tr> <tr> <td>(b) Where Design Was Most Recently Used</td> <td>N/A</td> </tr> </table>					(a) Design Start Date	OCT 2015	(b) Percent of Design Completed as of 1 JAN 2016	15%	(c) Expected 35% Design Date (Draft RFP)	JUL 2016	(d) 100% Design Completion Date	DEC 2017	1. Design Build (YES/NO)	Y	2. Design, Bid-Build (YES/NO)	N	3. Site Adapt (YES/NO)	N	(a) Standard or Definitive Design - (YES/NO)	N	(b) Where Design Was Most Recently Used	N/A
(a) Design Start Date	OCT 2015																					
(b) Percent of Design Completed as of 1 JAN 2016	15%																					
(c) Expected 35% Design Date (Draft RFP)	JUL 2016																					
(d) 100% Design Completion Date	DEC 2017																					
1. Design Build (YES/NO)	Y																					
2. Design, Bid-Build (YES/NO)	N																					
3. Site Adapt (YES/NO)	N																					
(a) Standard or Definitive Design - (YES/NO)	N																					
(b) Where Design Was Most Recently Used	N/A																					

1. Component DEF (DHA)	<b>FY 2017 MILITARY CONSTRUCTION PROJECT DATA</b>			2. Date FEB 2016
3. Installation and Location/UIC:  Kadena Air Base, Okinawa, Japan		4. Project Title:  Medical Materiel Warehouse		
5. Program Element  87717HP	6. Category Code  530602	7. Project Number  14022	8. Project Cost (\$000)  <b>20,881</b>	
Supplemental Data (Continued):				
(3) <u>Total Design Cost</u> (c)=(a)+(b) OR (d)+(e):				<u>Cost (\$000)</u>
(a) Production of Plans and Specifications				480
(b) All Other Design Costs				380
(c) Total Design Cost				860
(d) Contract				80
(e) In-house				780
(4) Construction Contract Award Date				JUN 2017
(5) Construction Start Date				SEP 2017
(6) Construction Completion Date				SEP 2019
B. Equipment associated with this project which will be provided from other appropriations:				
<u>Equipment</u> <u>Nomenclature</u>	<u>Procuring</u> <u>Appropriation</u>	<u>Fiscal Year</u> <u>Appropriated</u> <u>Or Requested</u>	<u>Cost</u> <u>(\$000)</u>	
Expense	OM	2017	\$ 156	
Expense	OM	2018/2019	\$2,964	
Investment	OP	2018	\$ 585	
Chief, Design, Construction & Activation Office Phone Number: 703-275-6077				

**Defense Information Systems Agency  
 FY 2017 Military Construction, Defense-Wide  
 (\$ in Thousands)**

<u>State/Installation/Project</u>	<u>Authorization Request</u>	<u>Approp. Request</u>	<u>New/ Current Mission</u>	<u>Page No.</u>
<b>Arizona</b>				
Fort Huachuca				
JITC Buildings 52110 Renovations	4,493	4,493	C	36
<b>Total</b>	<b>4,493</b>	<b>4,493</b>		

1. COMPONENT Defense Information Systems Agency		<b>FY 2017 MILITARY CONSTRUCTION PROGRAM</b>					2. DATE February 2016				
3. INSTALLATION AND LOCATION  Fort Huachuca, Arizona				4. COMMAND  Defense Information Systems Agency			5. AREA CONSTRUCTION COST INDEX  \$4,493				
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										\$4,493	
e. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM											
f. PLANNED IN NEXT THREE PROGRAM YEARS											
g. REMAINING DEFICIENCY										N/A	
h. GRAND TOTAL										\$4,493	
8. PROJECTS REQUESTED IN THIS PROGRAM											
a. CATEGORY				b. COST (\$000)		DESIGN START		STATUS COMPLETE			
(1) CODE	(2) PROJECT TITLE	(3) SCOPE									
61050	JITC Building 52110 Renovation	Renovate existing building 52110		\$4,493	January 2016	December 2017					
9. FUTURE PROJECTS											
Category Code 61050				Project Title: JITC Building 52110 Renovation				Cost: \$4,493			
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									

<b>1. COMPONENT</b> Defense Information Systems Agency	<b>FY 2017 MILITARY CONSTRUCTION PROJECT DATA</b>	<b>2. DATE</b> February 2016	<b>REPORT CONTROL SYMBOL</b> UNKNOWN
<b>3. INSTALLATION AND LOCATION</b> Fort Huachuca, Arizona		<b>4. PROJECT TITLE</b> JITC Building 52110 Renovation	
<b>5. PROGRAM ELEMENT</b>  0303148K	<b>6. CATEGORY CODE</b>  Bldg 52110 - 61050	<b>7. PROJECT NUMBER</b>  17DISA01	<b>8. PROJECT COST (\$000)</b>  <b>\$4,493</b>

9. COST ESTIMATES				
ITEM	U/M	QUANTITY	UNIT COST	COST
<b>PRIMARY FACILITIES</b>				
<b>Renovate Existing Building 52110 (Communications/Electronics RDT&amp;E, LAB Support, LAB Storage, RDT&amp;E Analytic Support)</b>	<b>SF</b>	<b>12,220</b>	<b>287.64</b>	<b>3,515</b>
<b>SUPPORTING FACILITIES</b>				
<b>Electric utilities, water, sewer, gas, site communications, site improvements)</b>				<b>534</b>
<b>Subtotal</b>				<b>4,049</b>
<b>Contingency (5%)</b>				<b>202</b>
<b>Subtotal</b>				<b>4,251</b>
<b>Supervision, Inspection, Overhead (SIOH) (5.7%)</b>				<b>242</b>
<b>Total Request</b>				<b>4,493</b>
<b>Equipment from Other Appropriations</b>				<b>(2,498)</b>

**10. DESCRIPTION OF PROPOSED WORK:**

The purpose of this project is to renovate existing Garrison Building 52110 for the JITC Headquarters Complex at Fort Huachuca, AZ. The existing facility, Building 52110, is a Battalion HQ facility and will be renovated to lab support/storage and RDT&E analytic spaces for JITC. The renovation will build out laboratory support/storage and RDT&E analytic support space, block up some of the windows and replace existing windows which remain, replace exterior and interiors doors, replace the roof and install new vinyl tile flooring, suspended ceiling, raised floor, fire suppression system, plumbing, HVAC and new information and electrical systems. The renovation of Building 52110 will provide JITC with a facility to accommodate 76 personnel. This building will be in compliance with Anti-Terrorism Force Protection measures and standards.  
Air Conditioning: 69 tons

**11. REQUIREMENT:** Bldg 52110: 12,220; SF; Adequate: 216,608 SF; Substandard: 524,815 SF

**PROJECT:** The intended use of funds will address the renovation of existing Building 52110 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. They have inefficient environmental controls due to poorly insulated above ground placement, inefficient heating and air conditioning units resulting in excessive Operations and Maintenance (O&M) costs, minimal space for employees to work and building runoff/drainage issues from monsoon-like rains which impact the base as a whole. The Army supports removal of the end-of-life trailers due to the multiple environmental and safety issues and concerns.

**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.

<b>1. COMPONENT</b> Defense Information Systems Agency	<b>FY 2017 MILITARY CONSTRUCTION          PROJECT DATA</b>		<b>2. DATE</b> February 2016	<b>REPORT CONTROL          SYMBOL</b> Unknown																		
<b>3. INSTALLATION AND LOCATION</b> Fort Huachuca, AZ		<b>4. PROJECT TITLE</b> JITC Building 52110 Renovation																				
<b>5. PROGRAM ELEMENT</b> 0303148K	<b>6. CATEGORY CODE</b> Bldg 52110 - 61050	<b>7. PROJECT NUMBER</b> 17DISA01	<b>8. PROJECT COST (\$000)</b> \$4,493																			
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.																						
<b>12. Supplemental Data:</b> <table border="0" style="width: 100%;"> <tr> <td style="width: 60%; vertical-align: top;"> <b>a. Estimated design data:</b> <ul style="list-style-type: none"> <li>(1) Status:               <ul style="list-style-type: none"> <li>(a) Date Design Started</li> <li>(b) Parametric Cost Estimates used to develop costs</li> <li>(c) Date 35% Designed</li> <li>(d) Date Design Complete</li> <li>(e) Energy Study/Life-Cycle analysis was/will be performed</li> <li>(f) Type of design contract</li> </ul> </li> <li>(2) Basis               <ul style="list-style-type: none"> <li>(a) Standard or Definitive Design</li> <li>(b) Where Design was most recently used</li> </ul> </li> <li>(3) Total Cost (c) = (a) + (b) or (d) + (e):               <ul style="list-style-type: none"> <li>(a) Production of Plans and Specifications</li> <li>(b) All other Design Costs</li> <li>(c) Total</li> <li>(d) Contract</li> <li>(e) In-house</li> </ul> </li> <li>(4) Construction Contract Award</li> <li>(5) Construction Start</li> <li>(6) Construction Completion</li> </ul> <p><b>b. Equipment Data: equipment associated with this project provided from other appropriations.</b></p> <table border="0" style="width: 100%;"> <thead> <tr> <th style="text-align: left;">EQUIPMENT NOMENCLATURE</th> <th style="text-align: left;">PROCURING APPROPRIATION</th> <th style="text-align: left;">FISCAL YEAR APROPRIATED</th> <th style="text-align: left;">REQUESTED</th> </tr> </thead> <tbody> <tr> <td>(1) INSTALLED EQT</td> <td></td> <td></td> <td>N/A</td> </tr> <tr> <td>(2) FURNITURE</td> <td></td> <td></td> <td>\$2,498</td> </tr> <tr> <td>(3) MOVE IN</td> <td></td> <td></td> <td>N/A</td> </tr> </tbody> </table> </td> <td style="width: 40%; vertical-align: top; text-align: center;">           January 2016            Yes            April 2016            September 2016            Yes            Design/Bid/Build              \$4,493              April 2017            May 2017            Dec 2017         </td> </tr> </table>					<b>a. Estimated design data:</b> <ul style="list-style-type: none"> <li>(1) Status:               <ul style="list-style-type: none"> <li>(a) Date Design Started</li> <li>(b) Parametric Cost Estimates used to develop costs</li> <li>(c) Date 35% Designed</li> <li>(d) Date Design Complete</li> <li>(e) Energy Study/Life-Cycle analysis was/will be performed</li> <li>(f) Type of design contract</li> </ul> </li> <li>(2) Basis               <ul style="list-style-type: none"> <li>(a) Standard or Definitive Design</li> <li>(b) Where Design was most recently used</li> </ul> </li> <li>(3) Total Cost (c) = (a) + (b) or (d) + (e):               <ul style="list-style-type: none"> <li>(a) Production of Plans and Specifications</li> <li>(b) All other Design Costs</li> <li>(c) Total</li> <li>(d) Contract</li> <li>(e) In-house</li> </ul> </li> <li>(4) Construction Contract Award</li> <li>(5) Construction Start</li> <li>(6) Construction Completion</li> </ul> <p><b>b. Equipment Data: equipment associated with this project provided from other appropriations.</b></p> <table border="0" style="width: 100%;"> <thead> <tr> <th style="text-align: left;">EQUIPMENT NOMENCLATURE</th> <th style="text-align: left;">PROCURING APPROPRIATION</th> <th style="text-align: left;">FISCAL YEAR APROPRIATED</th> <th style="text-align: left;">REQUESTED</th> </tr> </thead> <tbody> <tr> <td>(1) INSTALLED EQT</td> <td></td> <td></td> <td>N/A</td> </tr> <tr> <td>(2) FURNITURE</td> <td></td> <td></td> <td>\$2,498</td> </tr> <tr> <td>(3) MOVE IN</td> <td></td> <td></td> <td>N/A</td> </tr> </tbody> </table>	EQUIPMENT NOMENCLATURE	PROCURING APPROPRIATION	FISCAL YEAR APROPRIATED	REQUESTED	(1) INSTALLED EQT			N/A	(2) FURNITURE			\$2,498	(3) MOVE IN			N/A	January 2016 Yes April 2016 September 2016 Yes Design/Bid/Build  \$4,493  April 2017 May 2017 Dec 2017
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EQUIPMENT NOMENCLATURE	PROCURING APPROPRIATION	FISCAL YEAR APROPRIATED	REQUESTED																			
(1) INSTALLED EQT			N/A																			
(2) FURNITURE			\$2,498																			
(3) MOVE IN			N/A																			



**Defense Logistics Agency  
FY 2017 Military Construction, Defense-Wide  
(\$ in Thousands)**

<u>State/Installation/Project</u>	<u>Authorization Request</u>	<u>Approp. Request</u>	<u>New/ Current Mission</u>	<u>Page No.</u>
<b>Alaska</b>				
Joint Base Elmendorf-Richardson Construct Truck Offload Facility	4,900	4,900	C	40
<b>California</b>				
Travis Air Force Base Replace Hydrant Fuel System	26,500	26,500	C	43
<b>Florida</b>				
Patrick Air Force Base Replace Fuel Tanks	10,100	10,100	C	46
<b>South Carolina</b>				
Joint Base Charleston Construct Hydrant Fuel System	17,000	17,000	C	49
<b>Texas</b>				
DLA Distribution, Red River Army Depot Construct Warehouse and Open Storage	44,700	44,700	C	52
<b>Diego Garcia</b>				
Navy Support Facility Improve Wharf Refueling Capability	30,000	30,000	C	54
<b>Japan</b>				
Iwakuni Construct Truck Offload and Loading Facilities	6,664	6,664	C	58
<b>Kwajalein - Marshall Islands</b>				
Kwajalein Atoll Replace Fuel Storage Tanks	85,500	85,500	C	60
<b>United Kingdom</b>				
Royal Air Force Lakenheath Construct Hydrant Fuel System	13,500	13,500	C	64
<b>Total</b>	<b>238,864</b>	<b>238,864</b>		

1. Component DEFENSE (DLA)		FY 2017 MILITARY CONSTRUCTION PROGRAM						2. Date FEBRUARY 2016		
3. Installation And Location JOINT BASE ELMENDORF- RICHARDSON (JBER), ALASKA			4. Command DEFENSE LOGISTICS AGENCY				5. Area Construction Cost Index 2.05			
6. PERSONNEL tenant of U.S. Air Force		(1)PERMANENT		(2)STUDENTS			(3)SUPPORTED			(4)TOTAL
		OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	
a. AS OF										
b. END FY										
7. INVENTORY DATA (\$000)										
A. TOTAL ACREAGE										
B. INVENTORY TOTAL AS OF 30 SEP 2015										
C. AUTHORIZED NOT YET IN INVENTORY										
D. AUTHORIZATION REQUESTED IN THIS PROGRAM										
E. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM										
F. PLANNED IN NEXT THREE PROGRAM YEARS										
G. REMAINING DEFICIENCY										
H. GRAND TOTAL										
4,900										
0										
4,900										
8. PROJECTS REQUESTED IN THIS PROGRAM:										
a. CATEGORY					b. COST		c. DESIGN STATUS			
(1)Code	(2) PROJECT TITLE			(3) SCOPE		(\$000)	(1)START	(2)COMPLETE		
126	CONSTRUCT TRUCK OFFLOAD FACILITY			4 OL		4,900	01/15	09/16		
9. FUTURE PROJECTS:										
a. INCLUDED IN FOLLOWING PROGRAM										
CATEGORY CODE	PROJECT NUMBER	PROJECT TITLE					COST (\$000)			
		NONE								
b. PLANNED IN NEXT FOUR YEARS										
CATEGORY CODE	PROJECT NUMBER	PROJECT TITLE					COST (\$000)			
144	DESC1910	REPLACE FUEL OPERATIONS FACILITY					7,200			
10. MISSION OR MAJOR FUNCTION										
<p>Joint Base Elmendorf-Richardson (JBER) host unit is the 673rd Air Base Wing (ABW). JBER is also home to Alaskan Command and the 11th Air Force; U.S. Army Alaska; Alaska Department of Military and Veterans Affairs; Alaska National Guard; 3rd Wing; 176th Wing; 4th Infantry Brigade Combat Team (airborne); 25th Infantry Division; 2nd Engineering Brigade; 477th Fighter Group; and more than 60 other mission partners. The 673 ABW is responsible for providing expeditionary combat support and the day-to-day operations of the installation. Aircraft assigned to JBER: F-22 Raptor, C17 Globemaster III, E-3 Sentry, C-130 Hercules, C12F Huron, UH60 Black Hawk and JJ60 Pave Hawk.</p> <p>Deferred sustainment, restoration, and modernization for fuel facilities at this location is \$1.2 million.</p>										
11. OUTSTANDING POLLTION AND SAFETY DEFICIENCIES: (\$000)										
A. AIR POLLUTION										
B. WATER POLLUTION										
C. OCCUPATIONAL SAFETY AND HEALTH										
0										
0										
0										

<b>1. Component</b> DEFENSE (DLA)	<b>FY 2017 MILITARY CONSTRUCTION PROJECT DATA</b>			<b>2. Date</b> FEBRUARY 2016
<b>3. Installation and Location</b> JOINT BASE ELMENDORF-RICHARDSON (JBER), ALASKA		<b>4. Project Title</b> CONSTRUCT TRUCK OFFLOAD FACILITY		
<b>5. Program Element</b> 0701111S	<b>6. Category Code</b> 126	<b>7. Project Number</b> DESC1707	<b>8. Project Cost (\$000)</b> 4,900	
<b>9. COST ESTIMATES</b>				
<b>Item</b>	<b>U/M</b>	<b>Quantity</b>	<b>Unit Cost</b>	<b>Cost (\$000)</b>
PRIMARY FACILITIES .....	-	-	-	3,300
TRUCK OFF-LOAD (CC 126926) .....	OL	4	825,000	(3,300)
SUPPORTING FACILITIES .....	-	-	-	1,024
SITE IMPROVEMENTS .....	LS	-	-	(1,024)
SUBTOTAL .....	-	-	-	4,324
CONTINGENCY (5%) .....	-	-	-	<u>216</u>
ESTIMATED CONTRACT COST .....	-	-	-	4,540
SUPERVISION, INSPECTION & OVERHEAD (SIOH) (6.5%) .	-	-	-	<u>295</u>
TOTAL .....	-	-	-	4,835
TOTAL (ROUNDED) .....	-	-	-	4,900
EQUIPMENT FROM OTHER APPROPRIATIONS .....	-	-	-	(40)
<b>10. Description of Proposed Construction:</b>				
Construct a four position truck off-load facility with canopy. Provide a 20,000 gallon double walled underground gravity feed drop tank outfitted with three vertical distribution pumps and connections to the existing pumphouse and fuel filter/separator facility. Work includes all necessary fuel piping, fuel manifolds, control systems, secondary containment, site work, utility connections, fencing with gates, and security lighting. Project includes remediation of fuel-contaminated soil funded by other appropriation.				
<b>11. REQUIREMENT:</b> 4 Outlets (OL) <b>ADEQUATE:</b> 0 OL <b>SUBSTANDARD:</b> 0 OL				
PROJECT: Provide a truck offload facility to provide a secondary means of fuel resupply at JBER, Alaska. (C)				
REQUIREMENT: To provide a new four position truck offload facility at JBER as an alternative means of jet fuel resupply. The four fueling islands will allow simultaneous offloading of four commercial tanker trucks. JBER's host unit is the 673rd Air Base Wing (ABW). The 673 ABW is responsible for providing expeditionary combat support and the day-to-day operations of the installation including the requirement to provide fuel to aircraft assigned to JBER (F-22 Raptor, C17 Globemaster III, E-3 Sentry, C-130 Hercules, C12F Huron, UH60 Black Hawk and JJ60 Pave Hawk).				
CURRENT SITUATION: JBER's jet fuel is resupplied via pipeline. In the event of a delay of the primary receipt system, the mission to supply fuel to the aircraft stationed at JBER will cause delays.				
IMPACT IF NOT PROVIDED: JBER may not be able to meet mission refueling requirements in the event that the pipeline receipt mode stops. JBER will not be able to deliver fuel in sufficient quantities to satisfy mission requirements.				

1. Component DEFENSE (DLA)		FY 2017 MILITARY CONSTRUCTION PROJECT DATA		2. Date FEBRUARY 2016	
3. Installation and Location JOINT BASE ELMENDORF-RICHARDSON (JBER), ALASKA			4. Project Title CONSTRUCT TRUCK OFFLOAD FACILITY		
5. Program Element 0701111S		6. Category Code 126	7. Project Number DESC1707	8. Project Cost (\$000) 4,900	
<p>ADDITIONAL: Construction of a new truck offload facility is the viable alternative that will provide jet fuel resupply at JBER. This project meets all applicable DoD criteria. Low Impact Development will be included in the project as appropriate. The Defense Logistics Agency certifies that this facility has been considered for joint use, as applicable, by other components. Mission requirements, operational considerations, and location are incompatible with use by the other components.</p> <p>Unit costs for the facilities for this project vary from UFC 3-701-01 unit costs. This project's costs are based on current A/E estimates for the scope of work.</p>					
12. Supplemental Data:					
A. Estimated Design Data:					
1. Status					
(a) Date Design Started:					1/15
(b) Parametric Cost Estimate Used to Develop Costs (Yes/No):					No
(c) Percent Complete as of September 2015:					30%
(d) Date 35 Percent Complete:					10/15
(e) Date Design Complete:					09/16
(f) Type of Design Contract					D/B/B
2. Basis					
(a) Standard or Definitive Design:					No
(b) Date Design was Most Recently Used:					N/A
3. Total Cost (c) = (a)+(b) or (d)+(e) (\$000)					
(a) Production of Plans and Specifications					250
(b) All Other Design Costs					190
(c) Total					440
(d) Contract					390
(e) In-House					50
4. Contract Award					
					01/17
5. Construction Start					
					02/17
6. Construction Complete					
					08/18
B. Equipment associated with this project that will be provided from other appropriations:					
<u>PURPOSE</u>		<u>APPROPRIATION</u>	<u>FISCAL YEAR REQUIRED</u>	<u>AMOUNT (\$000)</u>	
AUTOMATED FUEL HANDLING		DWCF	2017	20	
ENVIRONMENTAL REMEDIATION		DWCF	2017	20	
Point of Contact is DLA Civil Engineer at 703-767-2326					

1. Component DEFENSE (DLA)		FY 2017 MILITARY CONSTRUCTION PROGRAM						2. Date FEBRUARY 2016			
3. Installation And Location TRAVIS AIR FORCE BASE, CALIFORNIA				4. Command DEFENSE LOGISTICS AGENCY				5. Area Construction Cost Index 1.27			
6. PERSONNEL tenant of U.S. Air Force		(1) PERMANENT			(2) STUDENTS			(3) SUPPORTED			(4) TOTAL
		OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV	
a. AS OF											
b. END FY											
7. INVENTORY DATA (\$000)											
A. TOTAL ACREAGE											
B. INVENTORY TOTAL AS OF 30 SEP 2015											
C. AUTHORIZED NOT YET IN INVENTORY											
D. AUTHORIZATION REQUESTED IN THIS PROGRAM											26,500
E. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM											
F. PLANNED IN NEXT THREE PROGRAM YEARS											0
G. REMAINING DEFICIENCY											
H. GRAND TOTAL											26,500
8. PROJECTS REQUESTED IN THIS PROGRAM:											
a. CATEGORY						b. COST		c. DESIGN STATUS			
(1) Code	(2) PROJECT TITLE				(3) SCOPE		(\$000)	(1) START	(2) COMPLETE		
121	REPLACE HYDRANT FUEL SYSTEM				12 OL		26,500	03/15	11/16		
9. FUTURE PROJECTS:											
a. INCLUDED IN FOLLOWING PROGRAM											
CATEGORY CODE	PROJECT NUMBER	PROJECT TITLE						COST (\$000)			
		NONE									
b. PLANNED IN NEXT FOUR YEARS											
CATEGORY CODE	PROJECT NUMBER	PROJECT TITLE						COST (\$000)			
		NONE									
10. MISSION OR MAJOR FUNCTION											
Travis Air Force Base (TAFB) supports the Air Mobility Command's (AMC) Strategic Airlift mission. This installation is one of AMC's largest Aerial Ports of Embarkation.											
Deferred sustainment, restoration, and modernization for fuel facilities at this location is \$0.6 million.											
11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES: (\$000)											
A. AIR POLLUTION							0				
B. WATER POLLUTION							0				
C. OCCUPATIONAL SAFETY AND HEALTH							0				

1. Component DEFENSE (DLA)	FY 2017 MILITARY CONSTRUCTION PROJECT DATA	2. Date FEBRUARY 2016
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3. Installation and Location TRAVIS AIR FORCE BASE, CALIFORNIA	4. Project Title REPLACE HYDRANT FUEL SYSTEM
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5. Program Element 0702976S	6. Category Code 121	7. Project Number DESC1611	8. Project Cost (\$000) 26,500
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9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost (\$000)
REPLACE HYDRANT FUEL SYSTEM .....	-	-	-	21,270
HYDRANT OUTLETS (CC 121122) .....	OL	12	560,000	(6,720)
HYDRANT PIPING (CC 125554) .....	LF	13,000	419	(5,450)
FUEL STORAGE TANKS AND CONTAINMENT (CC 124135) .	BL	20,000	235	(4,700)
FUEL PUMPHOUSE (CC 125977) .....	GM	2,400	1,833	(4,400)
SUPPORTING FACILITIES .....	-	-	-	2,600
DEMOLITION .....	LS	-	-	(1,700)
SITE PREPARATION & IMPROVEMENTS .....	LS	-	-	(900)
SUBTOTAL .....	-	-	-	23,870
CONSTRUCTION CONTINGENCY (5%) .....	-	-	-	<u>1,194</u>
ESTIMATED CONTRACT COST .....	-	-	-	25,064
SUPERVISION, INSPECTION & OVERHEAD (SIOH) (5.7%) .	-	-	-	<u>1,429</u>
TOTAL .....	-	-	-	26,493
TOTAL (ROUNDED) .....	-	-	-	26,500
EQUIPMENT FROM OTHER APPROPRIATIONS .....	-	-	-	(50)

10. Description of Proposed Construction:  
Provide one 152 liter-per-second (2,400 gallon-per-minute) pumphouse and fuel filter facility, 12 hydrant fuel outlets, two 1,590-kiloliter (kL)(10,000-barrel) aboveground operating tanks, and fuel distribution system. Work includes all necessary pumps, control systems, leak detection, cathodic protection, product recovery tank, automatic tank gauging, site work, emergency generator, utility connections, and security lighting. Demolish the existing pumphouse, tanks, and clean and decommission or demolish existing underground piping. Project includes remediation of fuel contaminated soil funded by other appropriations.

11. REQUIREMENT: 12 Outlets (OL)                      ADEQUATE: 0 OL                      SUBSTANDARD: 8 OL

PROJECT: Replace an obsolete hydrant fuel system with a modern pressurized fuel system. (C)

REQUIREMENT: There is a need to replace the hydrant fuel system with a compliant modern and reliable hydrant fueling system for assigned wide-body aircraft to support one of Air Mobility Command's (AMC) Strategic Airlift mission. This hydrant fuel system replaces a 43-year-old deficient system that has components that are no longer in service. Faster refueling of aircraft by a hydrant fuel system and increased operational fuel storage is needed at an Aerial Port of Embarkation (APOE) to quickly move cargo forward to support operations and mission requirements.

CURRENT SITUATION: The current system is fabricated from aluminum. Portions of the system are out of service. There have been numerous component outages which lead to extended downtimes due to obsolete repair parts. These outages have delayed refuel times. Refueling at the hazardous cargo areas do not meet required turnaround times.

1. Component DEFENSE (DLA)		FY 2017 MILITARY CONSTRUCTION PROJECT DATA		2. Date FEBRUARY 2016	
3. Installation and Location TRAVIS AIR FORCE BASE, CALIFORNIA			4. Project Title REPLACE HYDRANT FUEL SYSTEM		
5. Program Element 0702976S		6. Category Code 121	7. Project Number DESC1611	8. Project Cost (\$000) 26,500	
<p>IMPACT IF NOT PROVIDED: Aluminum piping will continue to deteriorate and increase the risk of fuel leaks. Base operations will continue to be hampered by delays in refueling wide-bodied aircraft. Reliance on refueler trucks will increase sortie turnaround times, exhaust equipment and workers, and create logistical bottlenecks during deployments and contingency operations from this APOE.</p> <p>ADDITIONAL: This project meets all applicable DoD criteria. This facility can be used by other components on an "as available" basis; however, the scope of the project is based on Air Force requirements.</p> <p>Unit costs for the facilities for this project vary from UFC 3-701-01 unit costs. This project's costs are based on current A/E estimates for the scope of work.</p>					
12. Supplemental Data:					
A. Estimated Design Data:					
1. Status					
(a) Date Design Started:					03/15
(b) Parametric Cost Estimate Used to Develop Costs (Yes/No):					No
(c) Percent Complete as of September 2015:					35
(d) Date 35 Percent Complete:					06/15
(e) Date Design Complete:					11/16
(f) Type of Design Contract					D/B/B
2. Basis					
(a) Standard or Definitive Design:					Yes
(b) Date Design was Most Recently Used:					07/15
3. Total Cost (c) = (a)+(b) or (d)+(e) (\$000)					
(a) Production of Plans and Specifications					2,100
(b) All Other Design Costs					1,200
(c) Total					2,300
(d) Contract					1,700
(e) In-House					600
4. Contract Award					
					04/17
5. Construction Start					
					05/17
6. Construction Complete					
					07/19
B. Equipment associated with this project that will be provided from other appropriations:					
<u>PURPOSE</u>		<u>APPROPRIATION</u>	<u>FISCAL YEAR REQUIRED</u>	<u>AMOUNT (\$000)</u>	
ENVIRONMENTAL REMEDIATION		DWCF	2017	50	
Point of Contact is DLA Civil Engineer at 703-767-2326					

1. Component DEFENSE (DLA)		FY 2017 MILITARY CONSTRUCTION PROGRAM						2. Date FEBRUARY 2016			
3. Installation And Location PATRICK AIR FORCE BASE, FLORIDA			4. Command DEFENSE LOGISTICS AGENCY			5. Area Construction Cost Index 0.93					
6. PERSONNEL tenant of U.S. Air Force		(1)PERMANENT			(2)STUDENTS			(3)SUPPORTED			(4)TOTAL
		OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV	
a. AS OF											
b. END FY											
7. INVENTORY DATA (\$000)											
A. TOTAL ACREAGE											
B. INVENTORY TOTAL AS OF 30 SEP 2015											
C. AUTHORIZED NOT YET IN INVENTORY											
D. AUTHORIZATION REQUESTED IN THIS PROGRAM											10,100
E. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM											
F. PLANNED IN NEXT THREE PROGRAM YEARS											0
G. REMAINING DEFICIENCY											
H. GRAND TOTAL											10,100
8. PROJECTS REQUESTED IN THIS PROGRAM:											
a. CATEGORY						b. COST		c. DESIGN STATUS			
(1)Code	(2) PROJECT TITLE				(3) SCOPE		(\$000)	(1)START	(2)COMPLETE		
126	REPLACE FUEL TANKS				20,000 BL		10,100	04/15	08/16		
9. FUTURE PROJECTS:											
a. INCLUDED IN FOLLOWING PROGRAM											
CATEGORY CODE	PROJECT NUMBER	PROJECT TITLE						COST (\$000)			
		NONE									
b. PLANNED IN NEXT FOUR YEARS											
CATEGORY CODE	PROJECT NUMBER	PROJECT TITLE						COST (\$000)			
		NONE									
10. MISSION OR MAJOR FUNCTION											
<p>Patrick Air Force Base is home to the 45<sup>th</sup> Space Wing and is the world's premier gateway to space. Patrick AFB is the Department of Defense's East Coast spaceport. They provide launch support services to the DoD and the National Aeronautics and Space Administration (NASA) as well as host to the 920<sup>th</sup> Rescue Wing mission, the U.S. State Department Air Wing and other tenant commands.</p> <p>Deferred sustainment, restoration, and modernization for fuel facilities at this location is \$4.8 million.</p>											
11. OUTSTANDING POLLTION AND SAFETY DEFICIENCIES: (\$000)											
A. AIR POLLUTION											0
B. WATER POLLUTION											0
C. OCCUPATIONAL SAFETY AND HEALTH											0



1. Component DEFENSE (DLA)	FY 2017 MILITARY CONSTRUCTION PROJECT DATA	2. Date FEBRUARY 2016
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3. Installation and Location PATRICK AIR FORCE BASE, FLORIDA	4. Project Title REPLACE FUEL TANKS
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5. Program Element 0702976S	6. Category Code 126	7. Project Number DESC1513	8. Project Cost (\$000) 10,100
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9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost (\$000)
PRIMARY FACILITIES .....	-	-	-	7,078
PUMPHOUSE AND CONTROL ROOM (CC 125977) .....	GM	600	5,833	(3,500)
FUEL STORAGE (CC 411135) .....	BL	20,000	118	(2,360)
TRUCK OFFLOAD (CC 126926) .....	OL	3	366,667	(1,100)
SDD & EPACT O5 (2%) .....	LS	-	-	(118)
SUPPORTING FACILITIES .....	-	-	-	1,873
DEMOLITION .....	LS	-	-	(670)
SITE PREPARATION AND IMPROVEMENTS.....	LS	-	-	(523)
SITE UTILITIES.....	LS	-	-	(680)
SUBTOTAL .....	-	-	-	9,060
CONTINGENCY (5%) .....	-	-	-	453
TOTAL CONTRACT COST .....	-	-	-	9,513
SUPERVISION, INSPECTION & OVERHEAD (SIOH) (5.7%) ..	-	-	-	542
TOTAL .....	-	-	-	10,055
TOTAL (ROUNDED) .....	-	-	-	10,100
EQUIPMENT FROM OTHER APPROPRIATIONS .....	-	-	-	(3,900)

10. Description of Proposed Construction:  
Provide two 1,590-kiloliter (kL) (10,000-barrel) aboveground fuel storage tanks, a pump shelter with two 38 liter-per-second (600 gallon-per-minute) issue/transfer pumps and two 38 liter-per-second (600 gallon-per-minute) filter separators. Work includes all necessary fuel piping, product recovery tank, control systems, secondary containment, site work, utility connections, fencing with gates, and security lighting. Provide temporary tanks during construction. Demolish two 100,000-gallon concrete cut and cover tanks. Project includes remediation of fuel-contaminated soil funded by other appropriation.

11. REQUIREMENT: 20,000 Barrel (BL)                    ADEQUATE: 0 BL                    SUBSTANDARD: 16,667 BL

PROJECT: Replace deteriorated bulk storage tanks. (C)

REQUIREMENT: There is a need to replace deteriorated fuel storage tanks. Existing concrete cut and cover underground storage tanks (UST) and pumps were installed in 1942. Replacement of this fuel storage facility is needed to prevent further environmental contamination of soil and groundwater. The assigned Patrick Air Force Base (PAFB) aircraft support multiple combatant commands, NASA space missions, and other federal agencies and missions. A reliable, environmentally compliant fuel storage complex is essential for sustaining support of these missions.

CURRENT SITUATION: The existing 75-year-old storage complex comprised of fuel storage tanks that have reached the end of their useful life. Parts of the system are out of service. The environmental systems are difficult to maintain. Most of the components that make up the system are obsolete. Any breakdown of the system will impact flight operations at PAFB due to the large fuel throughput and the number of aircraft supported by the base.

1. Component DEFENSE (DLA)		FY 2017 MILITARY CONSTRUCTION PROJECT DATA		2. Date FEBRUARY 2016	
3. Installation and Location PATRICK AIR FORCE BASE, FLORIDA			4. Project Title REPLACE FUEL TANKS		
5. Program Element 0702976S		6. Category Code 126	7. Project Number DESC1513	8. Project Cost (\$000) 10,100	
<p>IMPACT IF NOT PROVIDED: If this project is not provided, further deterioration of the aging fuel storage tanks will increase the potential for system failures. These tanks will continue to deteriorate to the point that they cannot be used. Voluntary or regulator-enforced closure of these tanks will jeopardize fuel storage capability at this site. This has the potential to affect mission support at this location.</p> <p>ADDITIONAL: An analysis of repair of the status quo versus a new system concluded that the proposed project was the more cost effective alternative to accomplish the mission. This project meets all applicable DoD criteria.</p> <p>Unit costs for the facilities for this project vary from UFC 3-701-01 unit costs. This project's costs are based on current A/E estimates for the scope of work.</p>					
12. Supplemental Data:					
A. Estimated Design Data:					
1. Status					
(a) Date Design Started:					04/15
(b) Parametric Cost Estimate Used to Develop Costs (Yes/No):					No
(c) Percent Complete as of September 2015:					35
(d) Date 35 Percent Complete:					06/15
(e) Date Design Complete:					08/16
(f) Type of Design Contract					D/B/B
2. Basis					
(a) Standard or Definitive Design:					No
(b) Date Design was Most Recently Used:					N/A
3. Total Cost (c) = (a)+(b) or (d)+(e) (\$000)					
(a) Production of Plans and Specifications					1,000
(b) All Other Design Costs					200
(c) Total					1,200
(d) Contract					1,100
(e) In-House					100
4. Contract Award					
					02/17
5. Construction Start					
					04/17
6. Construction Complete					
					04/19
B. Equipment associated with this project that will be provided from other appropriations:					
<u>PURPOSE</u>		<u>APPROPRIATION</u>	<u>FISCAL YEAR REQUIRED</u>	<u>AMOUNT (\$000)</u>	
Automatic Tank Gauging		DWCF	2017	200	
Environmental Remediation		O&M, AF	2017	3,700	
Point of Contact is DLA Civil Engineer at 703-767-2326					

1. Component DEFENSE (DLA)		FY 2017 MILITARY CONSTRUCTION PROGRAM						2. Date FEBRUARY 2016			
3. Installation And Location JOINT BASE CHARLESTON, SOUTH CAROLINA			4. Command DEFENSE LOGISTICS AGENCY				5. Area Construction Cost Index 0.96				
6. PERSONNEL tenant of U.S. Air Force		(1)PERMANENT			(2)STUDENTS			(3)SUPPORTED			(4)TOTAL
		OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV	
a. AS OF 30 SEP 11		-	-	-	-	-	-	-	-	-	-
b. END FY 2015		-	-	-	-	-	-	-	-	-	-
7. INVENTORY DATA (\$000)											
A. TOTAL ACREAGE											
B. INVENTORY TOTAL AS OF 30 SEP 2015											
C. AUTHORIZED NOT YET IN INVENTORY											
D. AUTHORIZATION REQUESTED IN THIS PROGRAM											
E. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM											
F. PLANNED IN NEXT THREE PROGRAM YEARS											
G. REMAINING DEFICIENCY											
H. GRAND TOTAL											
17,000											
0											
17,000											
8. PROJECTS REQUESTED IN THIS PROGRAM:											
a. CATEGORY						b. COST		c. DESIGN STATUS			
(1)Code	(2) PROJECT TITLE				(3) SCOPE		(\$000)	(1)START	(2)COMPLETE		
121	CONSTRUCT HYDRANT FUEL SYSTEM				2 OL		17,000	10/14	11/16		
9. FUTURE PROJECTS:											
a. INCLUDED IN FOLLOWING PROGRAM											
CATEGORY CODE	PROJECT NUMBER	PROJECT TITLE						COST (\$000)			
		NONE									
b. PLANNED IN NEXT FOUR YEARS											
CATEGORY CODE	PROJECT NUMBER	PROJECT TITLE						COST (\$000)			
		NONE									
10. MISSION OR MAJOR FUNCTION											
<p>These fuel facilities provide essential storage and distribution systems to support the mission of the Joint Base Charleston, Charleston, South Carolina. The Charleston Team's mission is to provide globally expeditionary ready forces to combatant commanders.</p> <p>Deferred sustainment, restoration, and modernization for fuel facilities at this location is \$0.2 million.</p>											
11. OUTSTANDING POLLTION AND SAFETY DEFICIENCIES: (\$000)											
A. AIR POLLUTION								0			
B. WATER POLLUTION								0			
C. OCCUPATIONAL SAFETY AND HEALTH								0			

1. Component DEFENSE (DLA)	FY 2017 MILITARY CONSTRUCTION PROJECT DATA	2. Date FEBRUARY 2016
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3. Installation and Location JOINT BASE CHARLESTON, SOUTH CAROLINA	4. Project Title CONSTRUCT HYDRANT FUEL SYSTEM
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5. Program Element 0701111S	6. Category Code 121	7. Project Number DESC1706	8. Project Cost (\$000) 17,000
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9. COST ESTIMATES				
Item	U/M	Quantity	Unit Cost	Cost (\$000)
PRIMARY FACILITIES .....	-	-	-	9,300
HYDRANT SYSTEM PIPING (CC 125554) .....	LF	8,000	963	(7,700)
HYDRANT OUTLETS (CC 121122) .....	OL	2	800,000	(1,600)
SUPPORTING FACILITIES .....	-	-	-	5,948
UTILITIES .....	LS	-	-	(858)
PAVEMENTS .....	LS	-	-	(1,100)
SITE IMPROVEMENTS .....	LS	-	-	(3,990)
SUBTOTAL .....	-	-	-	15,248
CONTINGENCY (5%) .....	-	-	-	<u>762</u>
ESTIMATED CONTRACT COST .....	-	-	-	16,010
SUPERVISION, INSPECTION & OVERHEAD (SIOH) (5.7%) .	-	-	-	<u>913</u>
TOTAL .....	-	-	-	16,923
TOTAL (ROUNDED) .....	-	-	-	17,000
EQUIPMENT FROM OTHER APPROPRIATIONS .....	-	-	-	(153)

10. Description of Proposed Construction:  
Construct a two-outlet hydrant fueling system extension from an existing hydrant loop including 14-inch coated carbon steel fuel lines, isolation valve pits, high/low point drains and leak detection/cathodic protection systems. Work includes all necessary piping, control systems, cathodic protection, site work, antiterrorism / force protection measures, utility connections, and selective demolition of airfield pavements.

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

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 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 delay successful mission accomplishments. Aircraft servicing operations will 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.

1. Component DEFENSE (DLA)		FY 2017 MILITARY CONSTRUCTION PROJECT DATA		2. Date FEBRUARY 2016	
3. Installation and Location JOINT BASE CHARLESTON, SOUTH CAROLINA			4. Project Title CONSTRUCT HYDRANT FUEL SYSTEM		
5. Program Element 0701111S		6. Category Code 121	7. Project Number DESC1706	8. Project Cost (\$000) 17,000	
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:					10/14
(b) Parametric Cost Estimate Used to Develop Costs (Yes/No):					No
(c) Percent Complete as of September 2015:					35%
(d) Date 35 Percent Complete:					06/15
(e) Date Design Complete:					11/16
(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					
					04/17
5. Construction Start					
					05/17
6. Construction Complete					
					11/19
B. Equipment associated with this project that will be provided from other appropriations:					
<u>PURPOSE</u>		<u>APPROPRIATION</u>	<u>FISCAL YEAR REQUIRED</u>	<u>AMOUNT (\$000)</u>	
LEAK DETECTION		DWCF	2017	153	
Point of Contact is DLA Civil Engineer at 703-767-2326					

1. Component DEFENSE (DLA)		FY 2017 MILITARY CONSTRUCTION PROGRAM						2. Date FEBRUARY 2016			
3. Installation And Location DLA DISTRIBUTION RED RIVER ARMY DEPOT, TEXAS			4. Command DEFENSE LOGISTICS AGENCY				5. Area Construction Cost Index 0.77				
6. PERSONNEL tenant of U.S. Army		(1)PERMANENT			(2)STUDENTS			(3)SUPPORTED			(4)TOTAL
		OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV	
a. AS OF											
b. END FY											
7. INVENTORY DATA (\$000)											
A. TOTAL ACREAGE											
B. INVENTORY TOTAL AS OF 30 SEP 2015											
C. AUTHORIZED NOT YET IN INVENTORY											
D. AUTHORIZATION REQUESTED IN THIS PROGRAM											
E. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM											
F. PLANNED IN NEXT THREE PROGRAM YEARS											
G. REMAINING DEFICIENCY											
H. GRAND TOTAL											
44,700											
107,000											
151,700											
8. PROJECTS REQUESTED IN THIS PROGRAM:											
a. CATEGORY						b. COST		c. DESIGN STATUS			
(1)Code	(2) PROJECT TITLE				(3) SCOPE		(\$000)	(1)START	(2)COMPLETE		
441	CONSTRUCT WAREHOUSE AND OPEN STORAGE				240,000 SF		44,700	02/15	07/16		
9. FUTURE PROJECTS:											
a. INCLUDED IN FOLLOWING PROGRAM											
CATEGORY CODE	PROJECT NUMBER	PROJECT TITLE						COST (\$000)			
		NONE									
b. PLANNED IN NEXT FOUR YEARS											
CATEGORY CODE	PROJECT NUMBER	PROJECT TITLE						COST (\$000)			
441		CONSTRUCT GENERAL PURPOSE WAREHOUSE						52,000			
441		CONTROLLED HUMIDITY WAREHOUSE						59,000			
10. MISSION OR MAJOR FUNCTION											
<p>Defense Distribution Depot Red River Texas (DDRT) occupies 800 acres with a primary mission to receive, store, physically inventory, package, pack and perform shipment of assigned items. DDRT is located adjacent to the Red River Army Depot (RRAD). RRAD has the only Department of Defense capability for the remanufacture of road wheel and tracked vehicle systems to include Tactical Wheeled Vehicles, the Bradley Fighting Vehicle and Multiple Launch Rocket System. RRAD supports deployments to Southwest Asia to maintain vehicle and system support.</p> <p>Deferred sustainment, restoration, and modernization for distribution facilities at this location is \$76 million.</p>											
11. OUTSTANDING POLLTION AND SAFETY DEFICIENCIES: (\$000)											
A. AIR POLLUTION								0			
B. WATER POLLUTION								0			
C. OCCUPATIONAL SAFETY AND HEALTH								0			

1. Component DEFENSE (DLA)	FY 2017 MILITARY CONSTRUCTION PROJECT DATA	2. Date FEBRUARY 2016
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3. Installation and Location DLA DISTRIBUTION RED RIVER ARMY DEPOT, TEXAS	4. Project Title CONSTRUCT WAREHOUSE AND OPEN STORAGE
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5. Program Element 0701111S	6. Category Code 441	7. Project Number DCCX1701	8. Project Cost (\$000) 44,700
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9. COST ESTIMATES				
Item	U/M	Quantity	Unit Cost	Cost (\$000)
PRIMARY FACILITIES .....	-	-	-	33,454
GENERAL PURPOSE WAREHOUSE (CC 44110) .....	SF	240,000	98	(23,571)
OPEN STORAGE (CC 45110) .....	SY	316,467	30	(9,423)
SDD & EPACT 05 (2%) .....	LS	-	-	(460)
SUPPORTING FACILITIES .....	-	-	-	6,788
SITE UTILITIES .....	LS	-	-	(1,875)
SITE PREPARATION, PAVING & IMPROVEMENTS .....	LS	-	-	(4,613)
STORM DRAINAGE .....	LS	-	-	(300)
SUBTOTAL .....	-	-	-	40,242
CONTINGENCY (5%) .....	-	-	-	<u>2,012</u>
ESTIMATED CONTRACT COST .....	-	-	-	42,254
SUPERVISION, INSPECTION & OVERHEAD (SIOH) (5.7%) ..	-	-	-	<u>2,408</u>
TOTAL .....	-	-	-	44,662
TOTAL (ROUNDED) .....	-	-	-	44,700
EQUIPMENT FROM OTHER APPROPRIATIONS .....	-	-	-	(5,576)

10. Description of Proposed Construction:  
Construct a general purpose warehouse (GPW) with 26-foot (7.62-meter) stacking height, weather-sealed truck doors, and loading/unloading docks with dock levelers, administrative area, locker rooms, employee lunch/break room and utility annex. Construct open storage areas include curbing, area lights, fencing and entrance gates, storm drainage, and related site improvements. Supporting facilities include all utilities, fire protection, storm drainage, site information systems, site lighting, paving (access roadways, hardstand aprons, parking), walks, and related site improvements. Administrative areas will comply with ADA and AT force protection standards.

11. REQUIREMENT: 3,670,353 Square Feet (SF)      ADEQUATE: 898,908 SF      SUBSTANDARD: 985,357 SF

PROJECT: Construct a general purpose warehouse and open storage. ( C )

REQUIREMENT: There is a need to provide a warehouse and open space for the storage of tactical vehicles, parts, components, and systems supporting the repair and refurbishment of combat, combat support, and combat service support wheeled and tracked vehicles.

CURRENT SITUATION: DLA Distribution Red River, Texas (DDRT) requires additional warehousing and open storage space to store vehicles and vehicle parts. DDRT supports the Red River Army Depot's rebuild operation which currently has a 30,000 vehicle backlog awaiting refurbishment with another 30,000 scheduled for rebuild. The demand for protected storage exceeds the capacity of available warehousing. Overflow materiel is currently stored outdoors. Useable parts are continuously being disposed of as unserviceable because of the forced outside storage conditions. In addition, the location of the materiel may also prevent fire-fighting equipment access to the exterior and roof of buildings. Wet and muddy open storage conditions create unsafe working conditions and operational inefficiencies.

1. Component DEFENSE (DLA)		FY 2017 MILITARY CONSTRUCTION PROJECT DATA		2. Date FEBRUARY 2016	
3. Installation and Location DLA DISTRIBUTION RED RIVER ARMY DEPOT, TEXAS			4. Project Title CONSTRUCT WAREHOUSE AND OPEN STORAGE		
5. Program Element 0701111S		6. Category Code 441	7. Project Number DCCX1701	8. Project Cost (\$000) 44,700	
<p>IMPACT IF NOT PROVIDED: If this project is not provided, DDRT will continue to operate inefficiently in inadequate facilities to meet its mission requirements. Failure to meet the timely demands of the Army units and other customers with parts and assemblies needed to rebuild, retrofit, and maintain tactical vehicle fleet will adversely impact support to the warfighter.</p> <p>ADDITIONAL: Alternative methods of meeting this requirement have been explored during the project development. 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.</p>					
12. Supplemental Data:					
A. Estimated Design Data:					
1. Status					
(a) Date Design Started:					02/15
(b) Parametric Cost Estimate Used to Develop Costs (Yes/No):					Yes
(c) Percent Complete as of September 2015:					35%
(d) Date 35 Percent Complete:					07/15
(e) Date Design Complete:					07/16
(f) Type of Design Contract					D/B/B
2. Basis					
(a) Standard or Definitive Design:					Yes
(b) Date Design was Most Recently Used:					FY14
3. Total Cost (c) = (a)+(b) or (d)+(e) (\$000)					
(a) Production of Plans and Specifications					1,950
(b) All Other Design Costs					2,190
(c) Total					4,140
(d) Contract					3,610
(e) In-House					530
4. Contract Award					
					01/17
5. Construction Start					
					03/17
6. Construction Complete					
					06/19
B. Equipment associated with this project that will be provided from other appropriations:					
<u>PURPOSE</u>		<u>APPROPRIATION</u>	<u>FISCAL YEAR REQUIRED</u>	<u>AMOUNT (\$000)</u>	
SECURITY MEASURES/INTRUSION DETECTION SYSTEMS		DWCF	2018	200	
RACK SYSTEM & MATERIAL HANDLING EQUIPMENT		DWCF	2018	5,267	
WORKSTATIONS, FURNITURE & IT		DWCF	2018	109	
Point of Contact is DLA Civil Engineer at 703-767-2326					



1. Component DEFENSE (DLA)		FY 2017 MILITARY CONSTRUCTION PROGRAM						2. Date FEBRUARY 2016			
3. Installation And Location U.S. NAVAL SUPPORT FACILITY DIEGO GARCIA, BRITISH INDIAN OCEAN TERRITORY (BIOT)			4. Command DEFENSE LOGISTICS AGENCY			5. Area Construction Cost Index 2.67					
6. PERSONNEL tenant of U.S. Navy		(1)PERMANENT			(2)STUDENTS			(3)SUPPORTED			(4)TOTAL
		OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV	
a. AS OF											
b. END FY											
7. INVENTORY DATA (\$000)											
A. TOTAL ACREAGE											
B. INVENTORY TOTAL AS OF 30 SEP 2015											
C. AUTHORIZED NOT YET IN INVENTORY											
D. AUTHORIZATION REQUESTED IN THIS PROGRAM											
E. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM											
F. PLANNED IN NEXT THREE PROGRAM YEARS											
G. REMAINING DEFICIENCY											
H. GRAND TOTAL											
30,000											
0											
30,000											
8. PROJECTS REQUESTED IN THIS PROGRAM:											
a. CATEGORY						b. COST		c. DESIGN STATUS			
(1)Code	(2) PROJECT TITLE				(3) SCOPE		(\$000)	(1)START	(2)COMPLETE		
125	IMPROVE WHARF REFUELING CAPABILITY				5,550 LF		30,000	01/15	09/16		
9. FUTURE PROJECTS:											
a. INCLUDED IN FOLLOWING PROGRAM											
CATEGORY CODE	PROJECT NUMBER	PROJECT TITLE						COST (\$000)			
		NONE									
b. PLANNED IN NEXT FOUR YEARS											
CATEGORY CODE	PROJECT NUMBER	PROJECT TITLE						COST (\$000)			
		NONE									
10. MISSION OR MAJOR FUNCTION											
Naval Support Facility Diego Garcia's mission is to provide logistic support to operational forces forward deployed to the Indian Ocean and Persian Gulf areas in support of national Policy.											
Deferred sustainment, restoration, and modernization for fuel facilities at this location is \$27.2 million.											
11. OUTSTANDING POLLTION AND SAFETY DEFICIENCIES: (\$000)											
A. AIR POLLUTION											
B. WATER POLLUTION											
C. OCCUPATIONAL SAFETY AND HEALTH											
0											
0											
0											

1. Component DEFENSE (DLA)		FY 2017 MILITARY CONSTRUCTION PROJECT DATA			2. Date FEBRUARY 2016	
3. Installation and Location U.S. NAVAL SUPPORT FACILITY DIEGO GARCIA, BRITISH INDIAN OCEAN			4. Project Title IMPROVE WHARF REFUELING CAPABILITY			
5. Program Element 0701111S		6. Category Code 125	7. Project Number DESC1705		8. Project Cost (\$000) 30,000	
<b>9. COST ESTIMATES</b>						
Item		U/M	Quantity	Unit Cost	Cost (\$000)	
PRIMARY FACILITIES .....		-	-	-	18,007	
FUEL PIPELINE (CC 12510) .....		LF	5,550	2,288	(12,700)	
PUMPHOUSE EXPANSION (CC 12516) .....		GM	1,200	4,333	(5,200)	
SDD & EPACT 05 (2%) .....		LS	-	-	(57)	
OPERATION & MAINTENANCE SUPPORT INFORMATION ....		LS	-	-	(50)	
SUPPORTING FACILITIES .....		-	-	-	7,800	
SITE WORK, PAVEMENTS AND UTILITIES .....		LS	-	-	(7,800)	
SUBTOTAL .....		-	-	-	25,807	
CONTINGENCY (5%) .....		-	-	-	<u>1,290</u>	
ESTIMATED CONTRACT COST .....		-	-	-	27,097	
SUPERVISION, INSPECTION & OVERHEAD (SIOH) (6.2%) .		-	-	-	<u>1,680</u>	
SUBTOTAL .....		-	-	-	28,777	
PCAS (2%) .....		-	-	-	<u>576</u>	
TOTAL .....		-	-	-	29,353	
TOTAL (ROUNDED) .....		-	-	-	30,000	
EQUIPMENT FROM OTHER APPROPRIATIONS .....		-	-	-	(50)	
<b>10. Description of Proposed Construction:</b>						
Construct new pipelines from the main pump house to the Deep Draft Wharf (DDW). Construct two new fuel pits on the DDW. Each pit will include two hydrants, stripping pumps with related piping, and spill containment. Expand the existing main pumphouse and provide two new pumps, filters, motors and controls for receiving and issuing fuel to the DDW. Associated work includes filters, cathodic protection, fire protection, lighting and electrical requirements.						
<b>11. REQUIREMENT:</b> 5,550 Linear Feet (LF) <b>ADEQUATE:</b> 0 LF <b>SUBSTANDARD:</b> 0 LF						
PROJECT: Provide fueling capability at the Deep Draft Wharf (DDW) at Naval Support Facility (NSF) Diego Garcia (DG). (C)						
REQUIREMENT: NSF DG's fuel pier is the fuel receipt and issue for fuel on the island. A secondary means of fuel receipt and issue is required at the DDW which currently has very limited fueling capability. NSF DG mission is to provide logistical support to operational forces forward deployed to the Indian Ocean and Persian Gulf areas in support of national policy objectives. The mission readiness would be impacted should fuel receipt and issue were disrupted.						
CURRENT SITUATION: NSF DG currently receives and issues fuel products from two existing fuel docks; the fuel pier and the DDW. The existing pump house can't simultaneously issue and receive fuel at both the fuel pier and the DDW. Additionally the fuel pier can only service one vessel at a time due to the length of the pier. The DDW has sufficient length to berth						

1. Component DEFENSE (DLA)		FY 2017 MILITARY CONSTRUCTION PROJECT DATA		2. Date FEBRUARY 2016	
3. Installation and Location U.S. NAVAL SUPPORT FACILITY DIEGO GARCIA, BRITISH INDIAN OCEAN			4. Project Title IMPROVE WHARF REFUELING CAPABILITY		
5. Program Element 0701111S		6. Category Code 125	7. Project Number DESC1705	8. Project Cost (\$000) 30,000	
<p>two refuel vessels simultaneously. The DDW currently only has limited refueling capability.</p> <p>IMPACT IF NOT PROVIDED: In the event of refueling delay, NSA DG will not be able to sustain prolonged, intensive operational workload in supporting forward-deployed forces, on-island, and theater logistic requirements and pre-positioned ships.</p> <p>ADDITIONAL: New construction is the only feasible alternative to meet mission requirements. This project meets all applicable DoD criteria. Low Impact Development will be included in the project as appropriate. The Defense Logistics Agency certifies that this facility has been considered for joint use, as applicable, by other components. Mission requirements, operational considerations, and location are incompatible with use by the other components.</p> <p>Unit costs for the facilities for this project vary from UFC 3-701-01 unit costs. This project's costs are based on current A/E estimates for the scope of work.</p>					
12. Supplemental Data:					
A. Estimated Design Data:					
1. Status					
(a) Date Design Started:					01/15
(b) Parametric Cost Estimate Used to Develop Costs (Yes/No):					No
(c) Percent Complete as of September 2015:					35%
(d) Date 35 Percent Complete:					07/15
(e) Date Design Complete:					09/16
(f) Type of Design Contract					D/B/B
2. Basis					
(a) Standard or Definitive Design:					No
(b) Date Design was Most Recently Used:					N/A
3. Total Cost (c) = (a)+(b) or (d)+(e) (\$000)					
(a) Production of Plans and Specifications					1,700
(b) All Other Design Costs					1,200
(c) Total					2,900
(d) Contract					2,700
(e) In-House					200
4. Contract Award					
					01/17
5. Construction Start					
					02/17
6. Construction Complete					
					12/18
B. Equipment associated with this project that will be provided from other appropriations:					
<u>PURPOSE</u>		<u>APPROPRIATION</u>	<u>FISCAL YEAR</u> <u>REQUIRED</u>	<u>AMOUNT (\$000)</u>	
AUTOMATED FUEL HANDLING		DWCF	2017	50	
Point of Contact is DLA Civil Engineer at 703-767-2326					

1. Component DEFENSE (DLA)		FY 2017 MILITARY CONSTRUCTION PROGRAM						2. Date FEBRUARY 2016		
3. Installation And Location MARINE CORPS AIR STATION IWAKUNI, JAPAN			4. Command DEFENSE LOGISTICS AGENCY			5. Area Construction Cost Index 1.71				
6. PERSONNEL tenant of U.S. Navy		(1)PERMANENT		(2)STUDENTS			(3)SUPPORTED			(4)TOTAL
		OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	
a. AS OF										
b. END FY										
7. INVENTORY DATA (\$000)										
A. TOTAL ACREAGE										
B. INVENTORY TOTAL AS OF 30 SEP 2015										
C. AUTHORIZED NOT YET IN INVENTORY										
D. AUTHORIZATION REQUESTED IN THIS PROGRAM										
E. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM										
F. PLANNED IN NEXT THREE PROGRAM YEARS										
G. REMAINING DEFICIENCY										
H. GRAND TOTAL										
6,664										
26,600										
36,040										
69,304										
8. PROJECTS REQUESTED IN THIS PROGRAM:										
a. CATEGORY				b. COST		c. DESIGN STATUS				
(1)Code	(2) PROJECT TITLE			(3) SCOPE		(\$000)	(1)START	(2)COMPLETE		
126	CONSTRUCT TRUCK OFFLOAD AND LOADING FACILITIES			4 OL		6,664	12/14	07/16		
9. FUTURE PROJECTS:										
a. INCLUDED IN FOLLOWING PROGRAM										
CATEGORY CODE	PROJECT NUMBER	PROJECT TITLE					COST (\$000)			
411	DESC1803	CONSTRUCT BULK STORAGE TANKS (PH-1 of 4)					26,600			
b. PLANNED IN NEXT FOUR YEARS										
CATEGORY CODE	PROJECT NUMBER	PROJECT TITLE					COST (\$000)			
151	DESC1903	CONSTRUCT T-5 PIER					12,500			
411	DESC1803	CONSTRUCT BULK STORAGE TANKS (PH-2 of 4)					23,540			
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 MCAS Iwakuni, Japan.										
Deferred sustainment, restoration, and modernization for fuel facilities at this location is \$10.3 million.										
11. OUTSTANDING POLLTION AND SAFETY DEFICIENCIES: (\$000)										
A. AIR POLLUTION						0				
B. WATER POLLUTION						0				
C. OCCUPATIONAL SAFETY AND HEALTH						0				

1. Component DEFENSE (DLA)	FY 2017 MILITARY CONSTRUCTION PROJECT DATA	2. Date FEBRUARY 2016
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3. Installation and Location MARINE CORPS AIR STATION IWAKUNI, JAPAN	4. Project Title CONSTRUCT TRUCK OFFLOAD AND LOADING FACILITIES
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5. Program Element 0701111S	6. Category Code 126	7. Project Number DESC1708	8. Project Cost (\$000) 6,664
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9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost (\$000)
PRIMARY FACILITIES .....	-	-	-	4,768
TRUCK UNLOAD STATIONS (CC 12640) .....	OL	4	836,105	(3,344)
TRUCK FILLSTAND (CC 12630) .....	OL	2	711,796	(1,424)
SUPPORTING FACILITIES .....	-	-	-	1,208
SITE UTILITIES .....	LS	-	-	(519)
DEMOLITION .....	LS	-	-	(490)
SITE PREPARATION AND IMPROVEMENTS .....	LS	-	-	(199)
SUBTOTAL .....	-	-	-	5,976
CONTINGENCY (5%) .....	-	-	-	299
ESTIMATED CONTRACT COST .....	-	-	-	6,275
SUPERVISION, INSPECTION & OVERHEAD (SIOH) (6.2%) .	-	-	-	389
TOTAL .....	-	-	-	6,664
TOTAL (ROUNDED) .....	-	-	-	6,664
EQUIPMENT FROM OTHER APPROPRIATIONS .....	-	-	-	(105)

10. Description of Proposed Construction:  
Construct a 600-gallon-per minute four-position jet fuel unload station with a canopy and a 600-gallon-per minute two-position fuel loading facility with a canopy. Provide secondary containment and overflow provisions for the unloading facility. Work includes access pavement, utilities, pump controls, drainage structures, gates, fencing, and lighting. Demolish existing pavement, truck loading stations, soil remediation structure, concrete and curbs necessary for construction.

11. REQUIREMENT: 4 Outlets (OL)                      ADEQUATE: 2 OL                      SUBSTANDARD: 0 OL

PROJECT: Construct four-station truck unload and two-station load facility. (C)

REQUIREMENT: There is a need to provide additional fuel truck fillstands and unloading facilities to sustain base operational requirements. This project will provide a secondary source of fuel supply to the installation. The new unload stations will comply with current standard design criteria to allow simultaneous unloading of multiple-compartment tankers using higher flow-rate pumps with overflow provisions and safety controls. Two refueler truck loading positions are needed to provide efficient primary means of delivering fuel to the base's aircraft requirements.

CURRENT SITUATION: Fuel is delivered to the base via fuel pier by barge or marine tanker vessel. The Air Station has no secondary method to receive fuel. An interruption or damage to any of the components between the fuel pier and the fuel storage facility could impact the ability of MCAS Iwakuni to conduct its mission. Additionally, truck loading positions on the Air Station are miles from the aircraft fueling area. The existing truck loading positions are not well positioned to support standard and contingency aircraft operations of the air station.

1. Component DEFENSE (DLA)		FY 2017 MILITARY CONSTRUCTION PROJECT DATA		2. Date FEBRUARY 2016	
3. Installation and Location MARINE CORPS AIR STATION IWAKUNI, JAPAN			4. Project Title CONSTRUCT TRUCK OFFLOAD AND LOADING FACILITIES		
5. Program Element 0701111S		6. Category Code 126	7. Project Number DESC1708	8. Project Cost (\$000) 6,664	
<p>IMPACT IF NOT PROVIDED: If this project is not provided, the installation may be unable to access fuel when the fuel pier is out of service. Unloading of commercial tank trucks will be a lengthy, inefficient operation. Both of these conditions will hamper the installation flying mission by delaying air operations.</p> <p>ADDITIONAL: New construction 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.</p> <p>Unit costs for the facilities for this project vary from UFC 3-701-01 unit costs. This project's costs are based on current A/E estimates for the scope of work.</p>					
12. Supplemental Data:					
A. Estimated Design Data:					
1. Status					
(a) Date Design Started:					12/14
(b) Parametric Cost Estimate Used to Develop Costs (Yes/No):					No
(c) Percent Complete as of September 2015:					35%
(d) Date 35 Percent Complete:					06/15
(e) Date Design Complete:					07/16
(f) Type of Design Contract					D/B/B
2. Basis					
(a) Standard or Definitive Design:					Yes
(b) Date Design was Most Recently Used:					07/10
3. Total Cost (c) = (a)+(b) or (d)+(e) (\$000)					
(a) Production of Plans and Specifications					700
(b) All Other Design Costs					200
(c) Total					900
(d) Contract					800
(e) In-House					100
4. Contract Award					
					01/17
5. Construction Start					
					03/17
6. Construction Complete					
					07/18
B. Equipment associated with this project that will be provided from other appropriations:					
<u>PURPOSE</u>		<u>APPROPRIATION</u>	<u>FISCAL YEAR REQUIRED</u>	<u>AMOUNT (\$000)</u>	
AUTOMATED FUEL HANDLING EQUIPMENT		DWCF	2017	105	
Point of Contact is DLA Civil Engineer at 703-767-2326					

1. Component DEFENSE (DLA)		FY 2017 MILITARY CONSTRUCTION PROGRAM						2. Date FEBRUARY 2016		
3. Installation And Location DEFENSE FUEL SUPPLY POINT KWAJALEIN ATOLL, MARSHALL ISLANDS			4. Command DEFENSE LOGISTICS AGENCY			5. Area Construction Cost Index 2.61				
6. PERSONNEL tenant of U.S. Army		(1)PERMANENT		(2)STUDENTS			(3)SUPPORTED			(4)TOTAL
		OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	
a. AS OF										
b. END FY										
7. INVENTORY DATA (\$000)										
A. TOTAL ACREAGE										
B. INVENTORY TOTAL AS OF 30 SEP 2015										
C. AUTHORIZED NOT YET IN INVENTORY										
D. AUTHORIZATION REQUESTED IN THIS PROGRAM										
E. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM										
F. PLANNED IN NEXT THREE PROGRAM YEARS										
G. REMAINING DEFICIENCY										
H. GRAND TOTAL										
8. PROJECTS REQUESTED IN THIS PROGRAM:										
a. CATEGORY				b. COST		c. DESIGN STATUS				
(1)Code	(2) PROJECT TITLE			(3) SCOPE		(\$000)	(1)START	(2)COMPLETE		
411	REPLACE FUEL STORAGE TANKS			90,000 BL		85,500	11/14	09/16		
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										
<p>These fuel facilities provide essential storage and distribution systems to support the mission of assigned units at Defense Fuel Supply Point (DFSP) Kwajalein Atoll, Marshall Islands.</p> <p>Deferred sustainment, restoration, and modernization for fuel facilities at this location is \$0.3 million.</p>										
11. OUTSTANDING POLLTION AND SAFETY DEFICIENCIES: (\$000)										
A. AIR POLLUTION										
B. WATER POLLUTION										
C. OCCUPATIONAL SAFETY AND HEALTH										

<b>1. Component</b> DEFENSE (DLA)	<b>FY 2017 MILITARY CONSTRUCTION</b> <b>PROJECT DATA</b>	<b>2. Date</b> FEBRUARY 2016		
<b>3. Installation and Location</b> DEFENSE FUEL SUPPLY POINT KWAJALEIN ATOLL, MARSHALL ISLANDS		<b>4. Project Title</b> REPLACE FUEL STORAGE TANKS		
<b>5. Program Element</b> 0702976S	<b>6. Category Code</b> 411	<b>7. Project Number</b> DESC1704	<b>8. Project Cost (\$000)</b> 85,500	
<b>9. COST ESTIMATES</b>				
<b>Item</b>	<b>U/M</b>	<b>Quantity</b>	<b>Unit Cost</b>	<b>Cost (\$000)</b>
PRIMARY FACILITIES	-	-	-	72,570
FUEL STORAGE TANK (14,310 kL)(CC 41110) .....	BL	90,000	523	(47,100)
FUEL STORAGE TANK (1,138 kL)(CC 41121) .....	BL	7,100	1,028	(7,300)
MOTOR GAS STORAGE (605 kL)(CC 41140) .....	BL	3,809	1,601	(6,100)
FUEL OPERATIONS BUILDING (CC 14375) .....	SF	2,835	2,293	(6,500)
FILTER BUILDING .....	SF	1,600	3,481	(5,570)
SUPPORTING FACILITIES	-	-	-	3,888
DEMOLITION .....	LS	-	-	(1,824)
SITE IMPROVEMENTS .....	LS	-	-	(978)
UTILITIES .....	LS	-	-	(650)
ARCHAEOLOGICAL MITIGATION .....	LS	-	-	(436)
SUBTOTAL .....	-	-	-	76,458
CONTINGENCY (5%) .....	-	-	-	<u>3,823</u>
ESTIMATED CONTRACT COST .....	-	-	-	80,281
SUPERVISION, INSPECTION & OVERHEAD (SIOH) (6.5%) .	-	-	-	<u>5,218</u>
TOTAL .....	-	-	-	85,4
TOTAL (ROUNDED) .....	-	-	-	85,500
EQUIPMENT FROM OTHER APPROPRIATIONS .....	-	-	-	(993)
<b>10. Description of Proposed Construction:</b>				
Construct three 4,769-kiloliter (kL) (30,000-barrel) (BL) and one 1,136-kiloliter (kL) (7,100-barrel) aboveground steel storage tanks for fuel storage. Construct four 151 kL (40,000-gallon) aboveground steel storage tanks for motor gas (MOGAS) fuel. Construct a 149 square meter fuel filter building and 263 square meter fuel operations building. The work includes construction of aboveground distribution piping, site improvements, and utilities connections. Demolish ten existing fuel storage tanks and fuel operations building. Project includes remediation of contaminated soil funded by other appropriations.				
<b>11. REQUIREMENT:</b> 90,000 BL <b>ADEQUATE:</b> 0 BL <b>SUBSTANDARD:</b> 90,000 BL				
PROJECT: Replace ten existing fuel storage tanks with modern compliant aboveground storage tanks. (C)				
REQUIREMENT: There is a need to replace corroded, non-compliant fuel storage tanks, built in 1954, before continuing deterioration poses operational and environmental risks of failure. Compliant fuel storage is needed at DFSP Kwajalein to support fuel requirements of numerous military and US forces in the Pacific region. Maintain fuel supply to the remote location at all times during construction.				
CURRENT SITUATION: The existing steel storage tanks have severe corrosion due to their age and exposure to a harsh corrosive environment. The existing fuel storage tanks do not comply with aboveground tank regulations of the Environment Protection Agency (EPA) and have been issued a Notice of Deficiency. Fuel leaks have occurred and there is high risk of additional contamination of the islands groundwater, soil, and the surrounding ocean. Additionally the				



1. Component DEFENSE (DLA)		FY 2017 MILITARY CONSTRUCTION PROJECT DATA		2. Date FEBRUARY 2016	
3. Installation and Location DEFENSE FUEL SUPPLY POINT KWAJALEIN ATOLL, MARSHALL ISLANDS			4. Project Title REPLACE FUEL STORAGE TANKS		
5. Program Element 0702976S		6. Category Code 411	7. Project Number DESC1704	8. Project Cost (\$000) 85,500	
<p>existing fuel farm does not meet DoD standards for fuel filtration. The existing fuel operations building regularly floods and does not meet the DoD standards for separation from the refueler parking.</p> <p>IMPACT IF NOT PROVIDED: If this project is not provided, DFSP Kwajalein will operate with dwindling fuel storage capacities as tanks become unserviceable. Lack of fuel storage capacity will jeopardize support to U. S. Forces in the region and other missions. DoD could incur enforcement actions from non-compliance with EPA requirement.</p> <p>ADDITIONAL: An analysis of the status quo versus providing new fuel storage tanks concluded that replacement of the existing system is the more cost effective and environmentally sound alternative to the mission requirements at DFSP. 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.</p> <p>Unit costs for the facilities for this project vary from UFC 3-701-01 unit costs. This project's costs are based on current A/E estimates for the scope of work.</p>					
12. Supplemental Data:					
A. Estimated Design Data:					
1. Status					
(a) Date Design Started:					11/14
(b) Parametric Cost Estimate Used to Develop Costs (Yes/No):					No
(c) Percent Complete as of September 2015:					35%
(d) Date 35 Percent Complete:					06/15
(e) Date Design Complete:					09/16
(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					2,000
(b) All Other Design Costs					1,000
(c) Total					3,000
(d) Contract					2,800
(e) In-House					200
4. Contract Award					
					04/17
5. Construction Start					
					05/17
6. Construction Complete					
					05/21
B. Equipment associated with this project that will be provided from other appropriations:					
<u>PURPOSE</u>		<u>APPROPRIATION</u>	<u>FISCAL YEAR REQUIRED</u>	<u>AMOUNT (\$000)</u>	
AUTOMATIC TANK GAUGING		DWCF	2017	893	
ENVIRONMENTAL REMEDIATION		DWCF	2017	100	

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

1. Component DEFENSE (DLA)		FY 2017 MILITARY CONSTRUCTION PROGRAM					2. Date FEBRUARY 2016	
3. Installation And Location ROYAL AIR FORCE LAKENHEATH, UNITED KINGDOM			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)SUPPORTED		(4)TOTAL
		OFF	ENL	CIV	OFF	ENL	CIV	
a. AS OF								
b. END FY								
7. INVENTORY DATA (\$000)								
A. TOTAL ACREAGE								
B. INVENTORY TOTAL AS OF 30 SEP 2015								
C. AUTHORIZED NOT YET IN INVENTORY								
D. AUTHORIZATION REQUESTED IN THIS PROGRAM								
E. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM								
F. PLANNED IN NEXT THREE PROGRAM YEARS								
G. REMAINING DEFICIENCY								
H. GRAND TOTAL								
13,500								
14,103								
27,603								
8. PROJECTS REQUESTED IN THIS PROGRAM:								
a. CATEGORY				b. COST		c. DESIGN STATUS		
(1)Code	(2) PROJECT TITLE			(3) SCOPE		(\$000)	(1)START	(2)COMPLETE
121	CONSTRUCT HYDRANT FUEL SYSTEM			4 OL		13,500	12/13	02/16
9. FUTURE PROJECTS:								
a. INCLUDED IN FOLLOWING PROGRAM								
CATEGORY CODE	PROJECT NUMBER	PROJECT TITLE					COST (\$000)	
		NONE						
b. PLANNED IN NEXT FOUR YEARS								
CATEGORY CODE	PROJECT NUMBER	PROJECT TITLE					COST (\$000)	
121	DESC1814	CONSTRUCT HOT PIT HYDRANT SYSTEM					14,103	
10. MISSION OR MAJOR FUNCTION								
The 48th Operations Group provides five squadrons of F-15C/D/E aircraft, HH-60G helicopters, and personnel capable of accomplishing fighter and rescue operations worldwide. It prepares aircrew and support personnel to accomplish war plans and contingency operations for U.S. Air Forces Europe, U.S. European Command, and NATO. This location also supports U.S. Transportation Command.								
Deferred sustainment, restoration, and modernization for fuel facilities at this location is \$8.2 million.								
11. OUTSTANDING POLLTION AND SAFETY DEFICIENCIES: (\$000)								
A. AIR POLLUTION							0	
B. WATER POLLUTION							0	
C. OCCUPATIONAL SAFETY AND HEALTH							0	

<b>1. Component</b> DEFENSE (DLA)	<b>FY 2017 MILITARY CONSTRUCTION PROJECT DATA</b>	<b>2. Date</b> FEBRUARY 2016		
<b>3. Installation and Location</b> ROYAL AIR FORCE LAKENHEATH, UNITED KINGDOM		<b>4. Project Title</b> CONSTRUCT HYDRANT FUEL SYSTEM		
<b>5. Program Element</b> 0701111S	<b>6. Category Code</b> 121	<b>7. Project Number</b> DESC1612	<b>8. Project Cost (\$000)</b> 13,500	
<b>9. COST ESTIMATES</b>				
<b>Item</b>	<b>U/M</b>	<b>Quantity</b>	<b>Unit Cost</b>	<b>Cost (\$000)</b>
PRIMARY FACILITIES .....	-	-	-	9,314
HYDRANT OUTLETS (CC 121122) .....	OL	4	947,500	(3,790)
HYDRANT PIPING (CC 125554) .....	LF	3,671	962	(3,530)
RUNWAY AND TAXIWAY CROSSING .....	SY	94	21,213	(1,994)
SUPPORTING FACILITIES .....	-	-	-	2,300
SITE PREPARATION & IMPROVEMENTS .....	LS	-	-	(1,500)
PAVEMENTS .....	LS	-	-	(800)
SUBTOTAL .....	-	-	-	11,614
CONTINGENCY (5%) .....	-	-	-	<u>581</u>
ESTIMATED CONTRACT COST .....	-	-	-	12,195
SUPERVISION, INSPECTION & OVERHEAD (SIOH) (6.2%) .	-	-	-	756
DESIGN FOR DESIGN-BUILD (4% OF SUBTOTAL) .....	-	-	-	<u>488</u>
TOTAL .....	-	-	-	13,439
TOTAL (ROUNDED) .....	-	-	-	13,500
EQUIPMENT FROM OTHER APPROPRIATIONS (NON-ADD) ....	-	-	-	(200)
Currency Exchange Rate: £0.6289/\$				
<b>10. Description of Proposed Construction:</b>				
Construct a four-outlet hydrant fueling system extension from existing hydrant loop including 8-inch fuel lines, isolation valve pits, high/low point drains, leak detection/cathodic protection systems and four high reach mobile pantographs. Modify the existing fueling pumps and utilities in the existing pumphouse to accommodate the additional hydrant outlets. Work includes all necessary piping, control systems, cathodic protection, and site work to include a pantograph parking area, antiterrorism / force protection measures, utility connections, emergency generator, and selective demolition of airfield pavements. Provide mitigation of construction impact on endangered species along the pipeline route. Project includes remediation of fuel contaminated soil funded by other appropriation.				
<b>11. REQUIREMENT:</b> 4 Outlets (OL) <b>ADEQUATE:</b> 0 OL <b>SUBSTANDARD:</b> 0 OL				
PROJECT: Construct an extension to an existing pressurized hydrant fuel system. ( C )				
REQUIREMENT: There is a need to construct an extension to an existing hydrant fuel system to support mission requirements. Faster refueling of aircraft by a hydrant fuel system is needed to quickly move hazardous cargo and personnel forward to support operations, deployments, and strategic en-route mission requirements.				
CURRENT SITUATION: Aircraft parked on the hazardous cargo aprons 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 and non-hazardous cargo apron are over twice as long per aircraft versus by hydrant fuel operations.				

1. Component DEFENSE (DLA)		FY 2017 MILITARY CONSTRUCTION PROJECT DATA		2. Date FEBRUARY 2016	
3. Installation and Location ROYAL AIR FORCE LAKENHEATH, UNITED KINGDOM			4. Project Title CONSTRUCT HYDRANT FUEL SYSTEM		
5. Program Element 0701111S		6. Category Code 121	7. Project Number DESC1612	8. Project Cost (\$000) 13,500	
<p>IMPACT IF NOT PROVIDED: If this project is not provided, time to refuel aircraft may not support successful mission accomplishment. Aircraft servicing operations will 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.</p> <p>ADDITIONAL: Construction of a hydrant system extension is the only feasible solution to deliver fuel to wide-bodied aircraft. This project is not part of a NATO capability package and is consequently not eligible for NATO Security Investment Program funding at this time. A precautionary pre-financing statement will be filed so, if the project does become eligible in the future, the U.S. may recoup funds from NATO. 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.</p>					
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):					Yes
(c) Percent Complete as of September 2015:					35%
(d) Date 35 Percent Complete:					09/15
(e) Date Design Complete:					02/16
(f) Type of Design Contract					D/B/B
2. Basis					
(a) Standard or Definitive Design:					Yes
(b) Date Design was Most Recently Used:					06/03
3. Total Cost (c) = (a)+(b) or (d)+(e) (\$000)					
(a) Production of Plans and Specifications					400
(b) All Other Design Costs					275
(c) Total					675
(d) Contract					540
(e) In-House					135
4. Contract Award					
					12/16
5. Construction Start					
					03/17
6. Construction Complete					
					04/18
B. Equipment associated with this project that will be provided from other appropriations:					
<u>PURPOSE</u>		<u>APPROPRIATION</u>	<u>FISCAL YEAR</u> <u>REQUIRED</u>	<u>AMOUNT (\$000)</u>	
ENVIRONMENTAL REMEDIATION		DWCF	2017	200	
Point of Contact is DLA Civil Engineer at 703-767-2326					

**DOD Education Activity  
 FY 2017 Military Construction, Defense-Wide  
 (\$ in Thousands)**

<u>State/Installation/Project</u>	<u>Authorization Request</u>	<u>Approp. Request</u>	<u>New/ Current Mission</u>	<u>Page No.</u>
<b>Delaware</b>				
Dover Air Force Base Welch Elementary School/Dover Middle School Replacement	44,115	44,115	C	70
<b>Germany</b>				
Kaiserslautern Sembach Elementary/Middle School Replacement	45,221	45,221	C	75
<b>Japan</b>				
Kadena Air Base Kadena Elementary School Replacement	84,918	84,918	C	80
<b>United Kingdom</b>				
Royal Air Force Croughton Croughton Elementary/Middle/ High School Replacement	71,424	71,424	C	85
<b>Total</b>	<b>245,678</b>	<b>245,678</b>		

1. COMPONENT DoDEA		<b>FY 2017 MILITARY CONSTRUCTION PROGRAM</b>					2. Date February 2016				
3. Installation and Location  Dover Air Force Base, Delaware				4. COMMAND  DoDEA			5. AREA CONSTRUCTION COST INDEX 1.07				
6. PERSONNEL STRENGTH		PERMANENT			STUDENTS			SUPPORTED			TOTAL
		OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	
a. AS OF 30 SEP 2015							490				490
b. END FY 2019							490				490
7. INVENTORY DATA (\$000)											
TOTAL ACREAGE .....										0	
INVENTORY TOTAL AS OF .....										0	
AUTHORIZATION NOT YET IN INVENTORY .....										0	
AUTHORIZATION REQUESTED IN THIS PROGRAM.....										44,115	
AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM.....										0	
PLANNED IN NEXT THREE PROGRAM YEARS.....										0	
REMAINING DEFICIENCY.....										0	
GRAND TOTAL.....										44,115	
8. PROJECTS REQUESTED IN THIS PROGRAM											
<u>CATEGORY CODE</u>		<u>PROJECT TITLE</u>			<u>SCOPE</u>		<u>COST (\$000)</u>		<u>DESIGN START</u>		<u>STATUS COMPLETE</u>
730787		Welch Elementary School / Dover Middle School Replacement			105,549 SF		44,115		MAY 15		JUL 19
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 2017 MILITARY CONSTRUCTION PROJECT DATA			2. Date February 2016	
3. INSTALLATION AND LOCATION DOVER AIR FORCE BASE, DELAWARE			4. PROJECT TITLE: Welch Elementary School / Dover Middle School Replacement		
5. PROGRAM ELEMENT	6. CATEGORY CODE 730787	7. PROJECT NUMBER AM00047	8. PROJECT COST (\$000) 44,115		
<b>9. COST ESTIMATES</b>					
Item		U/M	Quantity	Unit Cost	Cost (\$000)
<b><u>PRIMARY FACILITIES</u></b>					<b>28,210</b>
WELCH ELEMENTARY SCHOOL / DOVER MIDDLE SCHOOL (730787)		SF	105,549	259.48	27,388
SDD AND FEDERAL ENERGY ACTS COMPLIANCE		LS			822
<b><u>SUPPORTING FACILITIES</u></b>					<b>11,166</b>
SPECIAL CONSTRUCTION FEATURES (concrete piers)		LS			986
CANOPIES		LS			112
ELECTRICAL/GAS UTILITIES		LS			678
COMMUNICATION UTILITIES		LS			116
WATER/SEWER/UTILITIES (Includes storm drainage)		LS			865
SITE PREPARATION		LS			494
ROADS, SIDEWALKS AND PARKING		LS			880
SITE IMPROVEMENTS		LS			1,717
AT/FP		LS			109
DEMOLITION		SF	126,398	29.84	3,772
LOW IMPACT DEVELOPMENT		LS			227
ENVIRONMENTAL MITIGATION		LS			1,210
ESTIMATED CONTRACT COST					<b>39,376</b>
CONTINGENCY PERCENT (5%)					<u>1,969</u>
SUBTOTAL					<b>41,345</b>
SUPERVISION, INSPECTION & OVERHEAD (5.7%)					2,357
ENGINEERING DURING CONSTRUCTION (1%) (of subtotal)					<u>413</u>
TOTAL REQUEST					<b>44,115</b>
EQUIPMENT FROM OTHER APPROPRIATIONS (NON ADD)					<b>3,447</b>
<b>10. DESCRIPTION OF PROPOSED CONSTRUCTION:</b>					
<p>Construct a multi-story, elementary school/middle school composed of pile foundations, steel framing and brick veneer, metal panels and paint exterior with standing seam metal roofing. Interior construction will consist of reinforced concrete masonry walls, metal stud, gypsum board walls and operable/movable partition walls. Interior spaces include neighborhoods, studios, learning hubs, staff collaboration areas, a career technical education lab, computing center, science lab, art room, music room, 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/middle school. The project includes site improvements such as playground areas, signage, fencing, paving, landscaping, covered walkways, exterior lighting and utilities. Cafeteria, food service and information center areas were sized for the future elementary/middle school population.</p> <p>The project includes related infrastructure such as water, sewer, electrical, staff and visitor parking areas, parent and bus drop off lane, mechanical rooms, emergency access lanes and delivery areas.</p> <p>The project will require demolition of two buildings for a total of approximately 126,398 SF.</p> <p>Special construction will include structural piles and grade beam foundations to support the facility. Environmental</p>					

1. COMPONENT DoDEA	<b>FY 2017 MILITARY CONSTRUCTION PROJECT DATA</b>			2. Date February 2016
3. INSTALLATION AND LOCATION  DOVER AIR FORCE BASE, DELAWARE			4. PROJECT TITLE:  Welch Elementary School / Dover Middle School Replacement	
5. PROGRAM ELEMENT	6. CATEGORY CODE  730787	7. PROJECT NUMBER  AM00047	8. PROJECT COST (\$000)  44,115	
<p>mitigation includes treatment of contaminated ground water during excavation of foundations and utilities.</p> <p>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 will be the goal for this project.</p> <p>Facilities will be designed in accordance with 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.</p> <p>Air Conditioning Load: 400 Tons</p>				
<p>11. REQUIREMENT: 105,549 SF                      ADQT: 0 SF                      SUBSTD: 126,398 SF</p> <p><u>PROJECT:</u> Replace the existing elementary/middle school facility by constructing a new elementary/middle school facility.</p> <p><u>REQUIREMENT:</u> The new school is required to provide adequate academic facilities for 490 students in grades Kindergarten through Eight. School population based on 2019 school year.</p> <p><u>CURRENT SITUATION:</u> The current Welch Elementary School/Dover Middle School is a 126,398 SF facility that was originally constructed in 1960. Following the original construction, additions included building expansions in 1963, 1966, 1982 and 1995. 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, exterior doors, exterior finishes, exterior windows, plumbing fixtures and piping, specialties and heating, ventilation and air conditioning (HVAC) systems. The facility does not meet the DoDEA's Education Facilities Specifications to include 21<sup>st</sup> Century Curriculum and educational objectives. The facility does not meet current antiterrorism/force protection (AT/FP), Americans with Disabilities Act, and National Fire Protection Association (NFPA) standards and does not meet current federal energy and sustainability mandates.</p> <p><u>IMPACT IF NOT PROVIDED:</u> 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.</p> <p><u>ADDITIONAL:</u> This project has been coordinated with the installation physical security plans and all AT/FP measures are included.</p> <p>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.</p>				



1. COMPONENT DoDEA	<b>FY 2017 MILITARY CONSTRUCTION PROJECT DATA</b>			2. Date February 2016												
3. INSTALLATION AND LOCATION  DOVER AIR FORCE BASE, DELAWARE			4. PROJECT TITLE:  Welch Elementary School / Dover Middle School Replacement													
5. PROGRAM ELEMENT	6. CATEGORY CODE  730787	7. PROJECT NUMBER  AM00047	8. PROJECT COST (\$000)  44,115													
<p><u>JOINT USE CERTIFICATION:</u></p> <p>This facility can be used by other components on an “as available” basis; however, the scope of the project is based on DoDEA requirements.</p> <p>DoDEA POC (571) 372-1405</p>																
<p>12. Supplemental Data:</p> <p>Site Approval: Yes <input checked="" type="checkbox"/> Obtained Date: JULY 2015</p> <p>No <input type="checkbox"/> Expected Date:</p> <p>Issues:</p> <ul style="list-style-type: none"> <li>a. DDESAB, AICUZ, Airfield, EMR, or wetlands: No issue</li> <li>b. Endangered species/sensitive habitat: No issue</li> <li>c. Air quality: No issue</li> <li>d. Cultural/archeological resources: Yes, the extreme southern portion of the field area is designated as a potential site for historical / cultural area. No excavation is permitted at this area until cultural survey is complete.</li> <li>e. Clearing of trees: No issue</li> <li>f. Known contamination at selected site: Contaminated ground water.</li> <li>g. Operational problems: No issue</li> <li>h. Traffic patterns impact: No issue</li> <li>i. Existing utilities upgrade: No issue</li> <li>j. Ordnance sweep required prior to construction: No issue</li> </ul> <p>Planning:</p> <p>Consistent with Installation Master Plan: Yes</p> <p>Host Nation Approval: N/A</p> <p>National Capital Region Approval: N/A</p> <p>A. Design Data (Estimated):</p> <p>(1) Status:</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 80%;">(a) Design Start Date</td> <td>MAY 2015</td> </tr> <tr> <td>(b) Parametric Cost Estimate Used to Develop Costs</td> <td>YES</td> </tr> <tr> <td>(c) Percent of Design Completed as of 1 Jan 2016</td> <td>15%</td> </tr> <tr> <td>(d) Expected 35% Design Date</td> <td>APR 2016</td> </tr> <tr> <td>(e) 100% Design Completion Date</td> <td>NOV 2016</td> </tr> <tr> <td>(f) Type of Design Contract:</td> <td>Design/Bid/Build</td> </tr> </table>					(a) Design Start Date	MAY 2015	(b) Parametric Cost Estimate Used to Develop Costs	YES	(c) Percent of Design Completed as of 1 Jan 2016	15%	(d) Expected 35% Design Date	APR 2016	(e) 100% Design Completion Date	NOV 2016	(f) Type of Design Contract:	Design/Bid/Build
(a) Design Start Date	MAY 2015															
(b) Parametric Cost Estimate Used to Develop Costs	YES															
(c) Percent of Design Completed as of 1 Jan 2016	15%															
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1. COMPONENT DoDEA	FY 2017 MILITARY CONSTRUCTION PROJECT DATA			2. Date February 2016																												
3. INSTALLATION AND LOCATION  DOVER AIR FORCE BASE, DELAWARE			4. PROJECT TITLE:  Welch Elementary School / Dover Middle School Replacement																													
5. PROGRAM ELEMENT	6. CATEGORY CODE  730787	7. PROJECT NUMBER  AM00047	8. PROJECT COST (\$000)  44,115																													
<p>(2) Basis:</p> <p>(a) Standard or Definitive Design - (YES/NO) NO</p> <p>(b) Date Design was Most Recently Used N/A</p> <p>(3) Total Design Cost (c)=(a)+(b) OR (d)+(e):</p> <p>(a) Production of Plans and Specifications</p> <p>(b) All Other Design Costs</p> <p>(c) Total Design Cost 4,474</p> <p>(d) Contract 2,684</p> <p>(e) In-house 1,790</p> <p>(4) Construction Contract Award Date MAR 2017</p> <p>(5) Construction Start Date JUL 2017</p> <p>(6) Construction Completion Date JUL 2019</p>																																
<p>B. Equipment associated with this project which will be provided from other appropriations:</p> <table border="1"> <thead> <tr> <th><u>Equipment Nomenclature</u></th> <th><u>Procuring Appropriation</u></th> <th><u>Fiscal Year Appropriated Or Requested</u></th> <th><u>Cost (\$000)</u></th> </tr> </thead> <tbody> <tr> <td>Furnishings</td> <td>O&amp;M</td> <td>2018</td> <td>564</td> </tr> <tr> <td>Kitchen</td> <td>O&amp;M</td> <td>2018</td> <td>368</td> </tr> <tr> <td>IT</td> <td>O&amp;M</td> <td>2018</td> <td>1,233</td> </tr> <tr> <td>Education Supplies</td> <td>O&amp;M</td> <td>2018</td> <td>1,221</td> </tr> <tr> <td>Safety Equipment</td> <td>O&amp;M</td> <td>2018</td> <td>5</td> </tr> <tr> <td>Security Equipment</td> <td>O&amp;M</td> <td>2018</td> <td>56</td> </tr> </tbody> </table>					<u>Equipment Nomenclature</u>	<u>Procuring Appropriation</u>	<u>Fiscal Year Appropriated Or Requested</u>	<u>Cost (\$000)</u>	Furnishings	O&M	2018	564	Kitchen	O&M	2018	368	IT	O&M	2018	1,233	Education Supplies	O&M	2018	1,221	Safety Equipment	O&M	2018	5	Security Equipment	O&M	2018	56
<u>Equipment Nomenclature</u>	<u>Procuring Appropriation</u>	<u>Fiscal Year Appropriated Or Requested</u>	<u>Cost (\$000)</u>																													
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1. COMPONENT DoDEA		<b>FY 2017 MILITARY CONSTRUCTION PROGRAM</b>					2. Date February 2016				
3. Installation and Location USAG Kaiserslautern, Sembach Kaserne, Germany				4. COMMAND DoDEA			5. AREA CONSTRUCTION COST INDEX 1.13				
6. PERSONNEL STRENGTH		PERMANENT			STUDENTS			SUPPORTED			TOTAL
		OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	
a. AS OF 30 SEP 2015							440				440
b. END FY 2020							500				500
7. INVENTORY DATA (\$000)											
TOTAL ACREAGE .....										0	
INVENTORY TOTAL AS OF .....										0	
AUTHORIZATION NOT YET IN INVENTORY.....										0	
AUTHORIZATION REQUESTED IN THIS PROGRAM.....										45,221	
AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM.....										0	
PLANNED IN NEXT THREE PROGRAM YEARS.....										0	
REMAINING DEFICIENCY.....										0	
GRAND TOTAL.....										45,221	
8. PROJECTS REQUESTED IN THIS PROGRAM											
<u>CATEGORY CODE</u>		<u>PROJECT TITLE</u>			<u>SCOPE</u>		<u>COST (\$000)</u>		<u>DESIGN START</u>		<u>STATUS COMPLETE</u>
73046		Sembach Elementary & Middle School Replacement			119,036 SF		45,221		FEB 2015		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											

1. COMPONENT DoDEA	FY 2017 MILITARY CONSTRUCTION PROJECT DATA			2. Date February 2016	
3. INSTALLATION AND LOCATION USAG KAISERSLAUTERN, SEMBACH KASERNE, GERMANY			4. PROJECT TITLE: Sembach Elementary & Middle School Replacement		
5. PROGRAM ELEMENT	6. CATEGORY CODE 73046	7. PROJECT NUMBER EU00039	8. PROJECT COST (\$000) 45,221		
<b>9. COST ESTIMATES</b>					
Item		U/M	Quantity	Unit Cost	Cost (\$000)
<b><u>PRIMARY FACILITIES</u></b>					<b>28,876</b>
SEMBACH ELEMENTARY & MIDDLE SCHOOL REPLACEMENT (73046)		SF	119,036	237.32	28,250
SDD AND FEDERAL ENERGY ACTS COMPLIANCE		LS			626
<b><u>SUPPORTING FACILITIES</u></b>					<b>11,187</b>
CANOPIES		LS			198
ELECTRICAL/GAS UTILITIES		LS			675
COMMUNICATION UTILITIES		LS			700
WATER/SEWER/UTILITIES(Includes storm drainage)		LS			550
MECHANICAL UTILITIES		LS			59
SITE PREPARATION		LS			1,024
ROADS, SIDEWALKS AND PARKING		LS			1,850
SITE IMPROVEMENTS		LS			1,840
AT/FP		LS			139
DEMOLITION		SF	151,834	23.61	3,584
LOW IMPACT DEVELOPMENT		LS			40
ENVIRONMENTAL MITIGATION		LS			528
ESTIMATED CONTRACT COST					<b>40,063</b>
CONTINGENCY PERCENT (5%)					<u>2,003</u>
SUBTOTAL					<b>42,066</b>
SUPERVISION, INSPECTION & OVERHEAD (6.5%)					2,734
ENGINEERING DURING CONSTRUCTION (1%)					<u>421</u>
TOTAL REQUEST					<b>45,221</b>
EQUIPMENT FROM OTHER APPROPRIATIONS (NON ADD)					3,503
10. DESCRIPTION OF PROPOSED CONSTRUCTION:					
<p>Construct a multi-story elementary/middle school composed of cast-in-place concrete slabs on concrete columns and/or concrete shear walls bearing on shallow foundations. Exterior walls will also be cast-in-place concrete with brick veneer or face tile finishes. The roof structure will be a concrete slab. Interior construction will consist of cast in place concrete walls, gypsum board and metal stud partitions, and operable/moveable partition walls. Interior spaces include neighborhoods, studios, learning hubs, staff collaboration areas, a career technical education lab, computing center, science lab, art room, music suites, occupational therapy/physical therapy (OT/PT), Preschool Services for Children with Disabilities (PSCD) studio, 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/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.</p> <p>The project includes related infrastructure such as water, sewer, electrical, communication lines, staff and visitor parking areas, parent drop off lane, mechanical rooms, emergency access lanes, bus loading/unloading areas, and delivery areas.</p>					

1. COMPONENT DoDEA	<b>FY 2017 MILITARY CONSTRUCTION PROJECT DATA</b>			2. Date February 2016
3. INSTALLATION AND LOCATION  USAG KAISERSLAUTERN, SEMBACH KASERNE, GERMANY			4. PROJECT TITLE:  Sembach Elementary & Middle School Replacement	
5. PROGRAM ELEMENT	6. CATEGORY CODE  73046	7. PROJECT NUMBER  EU00039	8. PROJECT COST (\$000)  45,221	
<p>The project will require demolition of 6 buildings for approximately 151,834 SF.</p> <p>Host nation requirements will include environmental mitigation/compensation.</p> <p>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 will be the goal for this project.</p> <p>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, applicable Host Nation Standards, Standards of Seismic Safety for Federally Owned Buildings, and energy and water conservation standards.</p> <p>Air Conditioning Load: 15Tons</p>				
<p>11. REQUIREMENT: 119,036 SF      ADQT: 00,000 SF      SUBSTD: 151,834 SF</p> <p><u>PROJECT:</u> Replace the existing elementary and middle school facilities by constructing a new elementary/middle school facility.</p> <p><u>REQUIREMENT:</u> The new school is required to provide adequate academic facilities for 500 students in grades Pre-K through 8. School population based on 2020 school year.</p> <p><u>CURRENT SITUATION:</u> The current Sembach Elementary School is a 62,999 SF facility that was originally constructed in 1955. Building 4 was added in 1979. Buildings 17 A-D are temporary facilities. The current Sembach Middle School is a 88,835 SF facility that was originally constructed in 1976. The elementary school has a poor facility condition rating and the middle school has a failing facility condition rating; it is more economical to replace than to repair. The following systems are expired or are failing in both schools and in need of replacement; heating system, plumbing, elevator, roofing, windows, doors, lighting. The facilities do not meet the DoDEA's Education Facilities Specifications to include undersized classrooms, lack of hub space, lack of group on-to-one learning spaces, lack of teacher collaboration, undersized cafeteria/commons, inefficient layout, deficient parking, and lack of parent drop off and bus drop-off areas. The facility does not meet current antiterrorism/force protection (AT/FP), ADA, NFPA and does not meet current federal energy and sustainability mandates.</p> <p><u>IMPACT IF NOT PROVIDED:</u> The continued use of deficient, inadequate, and undersized facilities that do not accommodate the current 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.</p> <p><u>ADDITIONAL:</u> This project has been coordinated with the installation physical security plans and all AT/FP measures are included.</p>				

1. COMPONENT DoDEA	<b>FY 2017 MILITARY CONSTRUCTION PROJECT DATA</b>			2. Date February 2016
3. INSTALLATION AND LOCATION  USAG KAISERSLAUTERN, SEMBACH KASERNE, GERMANY			4. PROJECT TITLE:  Sembach Elementary & Middle School Replacement	
5. PROGRAM ELEMENT	6. CATEGORY CODE  73046	7. PROJECT NUMBER  EU00039	8. PROJECT COST (\$000)  45,221	
<p>Economic Alternatives:</p> <p>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.</p> <p><u>JOINT USE CERTIFICATION:</u></p> <p>This facility can be used by other components on an “as available” basis; however, the scope of the project is based on DoDEA requirements.</p> <p>DoDEA POC (571) 372-1405</p>				
<p>12. Supplemental Data:</p> <p>Site Approval: Yes <input checked="" type="checkbox"/> Obtained Date: July 2015</p> <p>No <input type="checkbox"/> Expected Date:</p> <p>Issues:</p> <ul style="list-style-type: none"> <li>a. DDESAB, AICUZ, Airfield, EMR, or wetlands: No issue</li> <li>b. Endangered species/sensitive habitat: No issue</li> <li>c. Air quality: No issue</li> <li>d. Cultural/archeological resources: No issue</li> <li>e. Clearing of trees: Clearing of trees is required and will require tree replacement</li> <li>f. Known contamination at selected site: No issue</li> <li>g. Operational problems: No issue</li> <li>h. Traffic patterns impact: Relocation of road to maximize site area</li> <li>i. Existing utilities upgrade: Water services will require creating a loop for improved water quality, rerouting of power main on site, relocation of communication line</li> <li>j. Ordnance sweep required prior to construction: No issue</li> </ul> <p>Planning:</p> <p>Consistent with Installation Master Plan: Yes</p> <p>Host Nation Approval: Germany, NA</p> <p>National Capital Region Approval: NA</p> <p>NEPA Documentation Complete: Not required Level of NEPA: Categorical Exclusion</p> <p>Mitigation Issues:</p> <ul style="list-style-type: none"> <li>a. Wetlands replacement/enhancement – N</li> <li>b. Hazardous Waste – N</li> <li>c. Contaminated soil/water – N</li> <li>d. Other – N</li> </ul>				

1. COMPONENT DoDEA	FY 2017 MILITARY CONSTRUCTION PROJECT DATA			2. Date February 2016																																																						
3. INSTALLATION AND LOCATION USAG KAISERSLAUTERN, SEMBACH KASERNE, GERMANY			4. PROJECT TITLE: Sembach Elementary & Middle School Replacement																																																							
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<p>A. Design Data (Estimated):</p> <p>(1) Status:</p> <table> <tr> <td>(a) Design Start Date</td> <td>FEB 2015</td> </tr> <tr> <td>(b) Parametric Cost Estimate Used to Develop Costs</td> <td>YES</td> </tr> <tr> <td>(c) Percent of Design Completed as of 1 Jan 2016</td> <td>15%</td> </tr> <tr> <td>(d) Expected 35% Design Date</td> <td>JAN 2017</td> </tr> <tr> <td>(e) 100% Design Completion Date</td> <td>MAY 2017</td> </tr> <tr> <td>(f) Type of Design Contract:</td> <td>Design/Bid/Build</td> </tr> </table> <p>(2) Basis:</p> <table> <tr> <td>(a) Standard or Definitive Design - (YES/NO)</td> <td>NO</td> </tr> <tr> <td>(b) Date Design was Most Recently Used</td> <td>N/A</td> </tr> </table> <p>(3) Total Design Cost (c)=(a)+(b) OR (d)+(e):</p> <table> <tr> <td>(a) Production of Plans and Specifications</td> <td></td> </tr> <tr> <td>(b) All Other Design Costs</td> <td></td> </tr> <tr> <td>(c) Total Design Cost(10% of the PA)</td> <td>5,529</td> </tr> <tr> <td>(d) Contract(60% of the 10% in line c)</td> <td>3,317</td> </tr> <tr> <td>(e) In-house(40% of the 10% in line c)</td> <td>2,212</td> </tr> </table> <p>(4) Construction Contract Award Date JUL 2017  (5) Construction Start Date SEPT 2017  (6) Construction Completion Date MAY 2019</p> <p>B. Equipment associated with this project which will be provided from other appropriations: (The table below should be populated with the numbers generated from the O&amp;M Appropriated Equipment Estimating Sheet.)</p> <table> <thead> <tr> <th>Equipment Nomenclature</th> <th>Procuring Appropriation</th> <th>Fiscal Year Appropriated Or Requested</th> <th>Cost (\$000)</th> </tr> </thead> <tbody> <tr> <td>Furnishings</td> <td>O&amp;M</td> <td>2020</td> <td>575</td> </tr> <tr> <td>Kitchen</td> <td>O&amp;M</td> <td>2020</td> <td>375</td> </tr> <tr> <td>IT</td> <td>O&amp;M</td> <td>2020</td> <td>1,245</td> </tr> <tr> <td>Education Supplies</td> <td>O&amp;M</td> <td>2020</td> <td>1,246</td> </tr> <tr> <td>Safety Equipment</td> <td>O&amp;M</td> <td>2020</td> <td>5</td> </tr> <tr> <td>Security Equipment</td> <td>O&amp;M</td> <td>2020</td> <td>57</td> </tr> </tbody> </table>					(a) Design Start Date	FEB 2015	(b) Parametric Cost Estimate Used to Develop Costs	YES	(c) Percent of Design Completed as of 1 Jan 2016	15%	(d) Expected 35% Design Date	JAN 2017	(e) 100% Design Completion Date	MAY 2017	(f) Type of Design Contract:	Design/Bid/Build	(a) Standard or Definitive Design - (YES/NO)	NO	(b) Date Design was Most Recently Used	N/A	(a) Production of Plans and Specifications		(b) All Other Design Costs		(c) Total Design Cost(10% of the PA)	5,529	(d) Contract(60% of the 10% in line c)	3,317	(e) In-house(40% of the 10% in line c)	2,212	Equipment Nomenclature	Procuring Appropriation	Fiscal Year Appropriated Or Requested	Cost (\$000)	Furnishings	O&M	2020	575	Kitchen	O&M	2020	375	IT	O&M	2020	1,245	Education Supplies	O&M	2020	1,246	Safety Equipment	O&M	2020	5	Security Equipment	O&M	2020	57
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1. COMPONENT DoDEA		<b>FY 2017 MILITARY CONSTRUCTION PROGRAM</b>					2. Date February 2016				
3. Installation and Location  Kadena Air Base, Japan				4. COMMAND  DoDEA			5. AREA CONSTRUCTION COST INDEX 1.77				
6. PERSONNEL STRENGTH		PERMANENT			STUDENTS			SUPPORTED			TOTAL
		OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	
a. AS OF 30 SEP 2015							2,302				2,302
b. END FY 2020							2,400				2,400
7. INVENTORY DATA (\$000)											
TOTAL ACREAGE .....										0	
INVENTORY TOTAL AS OF .....										0	
AUTHORIZATION NOT YET IN INVENTORY.....										0	
AUTHORIZATION REQUESTED IN THIS PROGRAM.....										84,918	
AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM.....										0	
PLANNED IN NEXT THREE PROGRAM YEARS.....										0	
REMAINING DEFICIENCY.....										0	
GRAND TOTAL.....										84,918	
8. PROJECTS REQUESTED IN THIS PROGRAM											
<u>CATEGORY CODE</u>		<u>PROJECT TITLE</u>			<u>SCOPE</u>		<u>COST (\$000)</u>		<u>DESIGN START</u>		<u>STATUS COMPLETE</u>
730787		Kadena Elementary School Replacement			140,542 SF		84,918		MAY 2015		DEC 2019
9. FUTURE PROJECTS											
a. INCLUDED IN FOLLOWING PROGRAM None											
b. PLANNED IN NEXT THREE YEARS Stearley Heights Elementary School, Replacement											
10. MISSION OR MAJOR FUNCTIONS Military Dependent Education											



1. COMPONENT DoDEA	FY 2017 MILITARY CONSTRUCTION PROJECT DATA			2. Date February 2016	
3. INSTALLATION AND LOCATION  Kadena Air Base, Japan			4. PROJECT TITLE:  Kadena Elementary School Replacement		
5. PROGRAM ELEMENT	6. CATEGORY CODE  730787	7. PROJECT NUMBER  PA00032	8. PROJECT COST (\$000)  84,918		
<b>9. COST ESTIMATES</b>					
Item		U/M	Quantity	Unit Cost	Cost (\$000)
<b><u>PRIMARY FACILITIES</u></b>					<b>53,768</b>
KADENA ELEMENTARY SCHOOL (730787)		SF	140,542	373.67	52,517
SDD AND FEDERAL ENERGY ACTS COMPLIANCE		LS			1,251
<b><u>SUPPORTING FACILITIES</u></b>					<b>21,463</b>
SPECIAL CONSTRUCTION FEATURES (Pile Foundation)		LS			7,350
CANOPIES		LS			552
ELECTRICAL UTILITIES		LS			1,400
COMMUNICATION UTILITIES		LS			522
WATER/SEWER/UTILITIES		LS			468
MECHANICAL UTILITIES		LS			649
SITE PREPARATION		LS			2,110
ROADS, SIDEWALKS AND PARKING		LS			1,235
SITE IMPROVEMENTS		LS			2,750
AT/FP		LS			156
DEMOLITION		SF	136,155	24.24	3,300
LOW IMPACT DEVELOPMENT		LS			850
ENVIRONMENTAL MITIGATION		LS			121
ESTIMATED CONTRACT COST					<b>75,231</b>
CONTINGENCY PERCENT (5%)					<u>3,762</u>
SUBTOTAL					<b>78,993</b>
SUPERVISION, INSPECTION & OVERHEAD (6.5%)					5,135
ENGINEERING DURING CONSTRUCTION (1%)					<u>790</u>
TOTAL REQUEST					<b>84,918</b>
EQUIPMENT FROM OTHER APPROPRIATIONS (NON ADD)					<b>4,631</b>
<b>10. DESCRIPTION OF PROPOSED CONSTRUCTION:</b>					
<p>Construct a multi-story elementary school composed of reinforced concrete and steel with a combination of spread footings and deep pile foundation system. Interior construction will consist of reinforced concrete walls for corridors, and learning studios, restrooms, mechanical rooms, meeting rooms, and counseling rooms; operable/movable partition walls within the neighborhood and learning studios. 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 (OT/PT), 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 support areas for a fully functioning elementary school. The project includes site improvements such as asphaltic concrete paving, sidewalks, covered walkways, curbs, gutters, storm drainage, parking, parent drop-off and parking areas, bus drop-off area, service area with loading dock, playgrounds and hard court play areas, outdoor learning areas, signage, fencing, landscaping, fire lane/service access way around the building as well as site/security lighting. Cafeteria, food service and information center areas were sized for the future elementary school population.</p> <p>Antiterrorism/force protection (AT/FP) features will include: windows and frames, exterior doors, air intakes, structural isolation, roof access, emergency air distribution shutoff, and mass notification system. Site AT/FP features include drop arm gate and retractable bollards with concrete foundations.</p>					

1. COMPONENT DoDEA	<b>FY 2017 MILITARY CONSTRUCTION PROJECT DATA</b>			2. Date February 2016
3. INSTALLATION AND LOCATION  Kadena Air Base, Japan			4. PROJECT TITLE:  Kadena Elementary School Replacement	
5. PROGRAM ELEMENT	6. CATEGORY CODE  730787	7. PROJECT NUMBER  PA00032	8. PROJECT COST (\$000)  84,918	
<p>The project includes related infrastructure such as mechanical rooms and infrastructure utilities including water, sewer, communication, cable television and electrical to support the facilities.</p> <p>The project will require demolition of two buildings for approximately 136,155 SF.</p> <p>Other special construction and costs include a fire pump house, deep pile foundations due to poor soil conditions in the region, and hazardous materials abatement with required transportation of friable asbestos-containing materials off the island of Okinawa.</p> <p>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 certifiable will be the goal of the project.</p> <p>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.</p> <p>Air Conditioning Load: 500 tons</p>				
<p>11. REQUIREMENT: 140,542 SF                      ADQT: 0                      SUBSTD: 136,155 SF</p> <p><u>PROJECT:</u></p> <p>Replace the existing elementary school facility by constructing a new elementary school facility.</p> <p><u>REQUIREMENT:</u></p> <p>The new school is required to provide adequate academic facilities for 806 students in grades PreK through 5th grade. School population based on 2020 school year projection.</p> <p><u>CURRENT SITUATION:</u></p> <p>The current Kadena Elementary School is a 136,155 SF facility that was originally constructed in 1955. Additional buildings were added in 1960 and 1971. One temporary modular classroom building was provided in 1999 and two more were provided in 2003. 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: exterior finishes, exterior windows, roofs, interior ceiling, wall and floor finishes, interior and exterior doors, casework, plumbing fixtures, toilet partitions/accessories, intercom PA, branch circuits, emergency lights, exit lights, as well as other building system components and specialties. The facility does not meet the DoDEA's Education Facilities Specifications to include program adjacencies, sizes, and functionality. The facility does not meet current AT/FP, ADA, and NFPA and does not meet current federal energy and sustainability mandates.</p> <p><u>IMPACT IF NOT PROVIDED:</u></p> <p>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</p>				

1. COMPONENT DoDEA	<b>FY 2017 MILITARY CONSTRUCTION PROJECT DATA</b>			2. Date February 2016
3. INSTALLATION AND LOCATION  Kadena Air Base, Japan			4. PROJECT TITLE:  Kadena Elementary School Replacement	
5. PROGRAM ELEMENT	6. CATEGORY CODE  730787	7. PROJECT NUMBER  PA00032	8. PROJECT COST (\$000)  84,918	
<p>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.</p> <p><u>ADDITIONAL:</u></p> <p>This project has been coordinated with the installation physical security plans and all AT/FP measures are included.</p> <p>Economic Alternatives:</p> <p>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.</p> <p><u>JOINT USE CERTIFICATION:</u></p> <p>This facility can be used by other components on an “as available” basis; however, the scope of the project is based on DoDEA requirements.</p> <p>DoDEA POC (571) 372-1405</p>				
<p>12. Supplemental Data:</p> <p>Site Approval: Yes <input checked="" type="checkbox"/> Obtained Date: Jan 2013</p> <p>No <input type="checkbox"/> Expected Date:</p> <p>Issues:</p> <ul style="list-style-type: none"> <li>a. DDESB, AICUZ, Airfield, EMR, or wetlands: No Issue</li> <li>b. Endangered species/sensitive habitat: No Issue</li> <li>c. Air quality: No Issue</li> <li>d. Cultural/archeological resources: Possible Issue during construction; cultural asset monitoring is required due to host nation sensitivities, to handle any asset that is discovered during site disturbing activities.</li> <li>e. Clearing of trees: Maintain existing banyan trees</li> <li>f. Known contamination at selected site: No Issue</li> <li>g. Operational problems: No Issue</li> <li>h. Traffic patterns impact: No Issue</li> <li>i. Existing utilities upgrade: No Issue</li> <li>j. Ordnance sweep required prior to construction: No Issue</li> </ul> <p>Planning:</p> <p>Consistent with Installation Master Plan: Yes</p> <p>Host Nation Approval: N/A</p> <p>National Capital Region Approval: N/A</p> <p>NEPA Documentation Complete: not required</p> <p>Level of NEPA: N/A</p>				

1. COMPONENT DoDEA	FY 2017 MILITARY CONSTRUCTION PROJECT DATA			2. Date February 2016
3. INSTALLATION AND LOCATION Kadena Air Base, Japan			4. PROJECT TITLE: Kadena Elementary School Replacement	
5. PROGRAM ELEMENT	6. CATEGORY CODE 730787	7. PROJECT NUMBER PA00032	8. PROJECT COST (\$000) 84,918	
Mitigation Issues:				
<p>a. Wetlands replacement/enhancement – N</p> <p>b. Hazardous Waste – Y – Asbestos-containing materials are present in the existing school. Materials shall be abated and disposed of per Kadena Air Base standards before existing school can be demolished.</p> <p>c. Contaminated soil/water – N</p> <p>d. Other – N</p>				
A. Design Data (Estimated):				
(1) Status:				
(a) Design Start Date			MAY 2015	
(b) Parametric Cost Estimate Used to Develop Costs			Yes	
(c) Percent of Design Completed as of 1 Jan 2016			15%	
(d) Expected 35% Design Date			FEB 2016	
(e) 100% Design Completion Date			FEB 2017	
(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			10,865	
(d) Contract			6,520	
(e) In-house			4,345	
(4) Construction Contract Award Date			JUL 2017	
(5) Construction Start Date			SEP 2017	
(6) Construction Completion Date			DEC 2019	
B. Equipment associated with this project which will be provided from other appropriations:				
Equipment <u>Nomenclature</u>	Procuring <u>Appropriation</u>	Fiscal Year <u>Appropriated Or Requested</u>	Cost <u>(\$000)</u>	
Furnishings	O&M	2019	927	
Kitchen	O&M	2019	605	
IT	O&M	2019	1462	
Education Supplies	O&M	2019	1540	
Safety Equipment	O&M	2019	5	
Security Equipment	O&M	2019	92	

1. COMPONENT DoDEA		<b>FY 2017 MILITARY CONSTRUCTION PROGRAM</b>					2. Date February 2016				
3. Installation and Location RAF Croughton, United Kingdom				4. COMMAND DoDEA			5. AREA CONSTRUCTION COST INDEX 1.11				
6. PERSONNEL STRENGTH		PERMANENT			STUDENTS			SUPPORTED			TOTAL
		OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	
a. AS OF 30 SEP 2015							504				504
b. END FY 2020							468				468
7. INVENTORY DATA (\$000)											
TOTAL ACREAGE .....										0	
INVENTORY TOTAL AS OF .....										0	
AUTHORIZATION NOT YET IN INVENTORY.....										0	
AUTHORIZATION REQUESTED IN THIS PROGRAM.....										71,424	
AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM.....										0	
PLANNED IN NEXT THREE PROGRAM YEARS.....										0	
REMAINING DEFICIENCY.....										0	
GRAND TOTAL.....										71,424	
8. PROJECTS REQUESTED IN THIS PROGRAM											
<u>CATEGORY CODE</u>		<u>PROJECT TITLE</u>			<u>SCOPE</u>		<u>COST (\$000)</u>		<u>DESIGN START</u>		<u>STATUS COMPLETE</u>
730787		Croughton Elementary, Middle, High School Replacement			151,271 SF		71,424		FEB 15		MAY 2020
9. FUTURE PROJECTS											
a. INCLUDED IN FOLLOWING PROGRAM None											
b. PLANNED IN NEXT THREE YEARS None											
10. MISSION OR MAJOR FUNCTIONS Military Dependent Education											

1. COMPONENT DoDEA	FY 2017 MILITARY CONSTRUCTION PROJECT DATA			2. Date February 2016	
3. INSTALLATION AND LOCATION RAF Croughton, United Kingdom			4. PROJECT TITLE: Croughton Elementary, Middle, High School Replacement		
5. PROGRAM ELEMENT	6. CATEGORY CODE 730787	7. PROJECT NUMBER EU00101	8. PROJECT COST (\$000) 71,424		
<b>9. COST ESTIMATES</b>					
Item		U/M	Quantity	Unit Cost	Cost (\$000)
<b><u>PRIMARY FACILITIES</u></b>					<b>47,432</b>
CROUGHTON ELEMENTARY SCHOOL (730-787)		SF	46,854	292.07	13,685
CROUGHTON MIDDLE & HIGH SCHOOL (730-787)		SF	104,417	294.16	30,715
SDD AND FEDERAL ENERGY ACTS COMPLIANCE		LS			3,032
<b><u>SUPPORTING FACILITIES</u></b>					<b>13,680</b>
CANOPIES		LS			567
ELECTRICAL/GAS UTILITIES		LS			712
COMMUNICATION UTILITIES		LS			255
WATER/SEWER/UTILITIES (Includes storm drainage)		LS			1,300
MECHANICAL UTILITIES		LS			1,200
SITE PREPARATION		LS			350
ROADS, SIDEWALKS AND PARKING		LS			2,311
SITE IMPROVEMENTS		LS			6,200
AT/FP		LS			284
LOW IMPACT DEVELOPMENT		LS			501
ESTIMATED CONTRACT COST					<b>61,112</b>
CONTINGENCY PERCENT (5%)					<u>3,056</u>
SUBTOTAL					<b>64,168</b>
SUPERVISION, INSPECTION & OVERHEAD (6.5%)					4,171
DESIGN/BUILD (4%)					2,444
ENGINEERING DURING CONSTRUCTION (1%)					<u>641</u>
TOTAL REQUEST					<b>71,424</b>
EQUIPMENT FROM OTHER APPROPRIATIONS (NON ADD)					<b>3,712</b>
<b>10. DESCRIPTION OF PROPOSED CONSTRUCTION:</b>					
<p>Construct a multi-story elementary/middle/high school composed of concrete foundation, steel frame and masonry external walls. Interior construction will consist of stud partition walls and include operable/moveable 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 (OT/PT), 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, middle, high school. The project includes site improvements such as signage, fencing, paving, landscaping, covered walkways, exterior lighting, utilities, sports fields, track and playground areas. Cafeteria, food service and information center areas were sized for the future elementary, middle, high school population.</p> <p>The project includes related infrastructure such as water, sewer, electrical and gas, staff and visitor parking areas, parent drop off lane, mechanical rooms, emergency access lanes, bus loading/unloading areas, and delivery areas.</p> <p>The project will require no demolition of any existing buildings.</p> <p>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</p>					

1. COMPONENT DoDEA	<b>FY 2017 MILITARY CONSTRUCTION PROJECT DATA</b>			2. Date February 2016
3. INSTALLATION AND LOCATION  RAF Croughton, United Kingdom			4. PROJECT TITLE:  Croughton Elementary, Middle, High School Replacement	
5. PROGRAM ELEMENT	6. CATEGORY CODE  730787	7. PROJECT NUMBER  EU00101	8. PROJECT COST (\$000)  71,424	
<p>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 will be the goal for this project.</p> <p>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 and with all relevant Host Nation Regulations, British Standards and Codes of Practice.</p> <p>Air Conditioning Load: 0 Tons</p>				
<p>11. REQUIREMENT 151,271 SF                      ADQT: 0 SF                      SUBSTD: 88,379 SF</p> <p><u>PROJECT:</u></p> <p>This project constructs a new elementary/middle/high school facility.</p> <p><u>REQUIREMENT:</u></p> <p>The new school is required to provide adequate academic facilities for 468 students in grades K through 12 levels. School population based on 2020 school year.</p> <p><u>CURRENT SITUATION:</u></p> <p>The current Croughton Elementary School is an 88,379 SF facility that was originally constructed in 1985. 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; ventilation systems, electrical wiring, plumbing, heating, CCTV and parking facilities. The facility does not meet the DoDEA's Education Facilities Specifications to include 21<sup>st</sup> Century curriculum and educational objectives. The facility does not meet current antiterrorism/force protection (AT/FP), ADA and NFPA standards and does not meet current federal energy and sustainability mandates.</p> <p><u>IMPACT IF NOT PROVIDED:</u></p> <p>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.</p> <p><u>ADDITIONAL:</u></p> <p>This project has been coordinated with the installation physical security plans and all AT/FP measures are included.</p> <p>Economic Alternatives:</p> <p>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.</p> <p><u>JOINT USE CERTIFICATION:</u></p>				

1. COMPONENT DoDEA	<b>FY 2017 MILITARY CONSTRUCTION PROJECT DATA</b>			2. Date February 2016
3. INSTALLATION AND LOCATION  RAF Croughton, United Kingdom			4. PROJECT TITLE:  Croughton Elementary, Middle, High School Replacement	
5. PROGRAM ELEMENT	6. CATEGORY CODE  730787	7. PROJECT NUMBER  EU00101	8. PROJECT COST (\$000)  71,424	
<p>This facility can be used by other components on an “as available” basis; however, the scope of the project is based on DoDEA requirements.</p> <p>DoDEA POC (571) 372-1405</p>				
<p>12. Supplemental Data:</p> <p>Site Approval: Yes <input checked="" type="checkbox"/> Obtained Date: Nov 2012  No <input type="checkbox"/> Expected Date:</p> <p>Issues: (state no issue or BRIEFLY explain the issue below)</p> <ul style="list-style-type: none"> <li>a. DDESAB, AICUZ, Airfield, EMR, or wetlands: No Issue</li> <li>b. Endangered species/sensitive habitat: No Issue</li> <li>c. Air quality: No Issue</li> <li>d. Cultural/archeological resources: No Issue</li> <li>e. Clearing of trees: No Issue</li> <li>f. Known contamination at selected site: No Issue</li> <li>g. Operational problems: No Issue</li> <li>h. Traffic patterns impact: No Issue</li> <li>i. Existing utilities upgrade: No Issue</li> <li>j. Ordnance sweep required prior to construction: No Issue</li> </ul> <p>Planning:  Consistent with Installation Master Plan: Yes</p> <p>Host Nation Approval: N/A</p> <p>National Capital Region Approval: N/A</p> <p>NEPA Documentation Complete: Not required  Level of NEPA: Categorical Exclusion</p> <p>Mitigation Issues:</p> <ul style="list-style-type: none"> <li>a. Wetlands replacement/enhancement – N</li> <li>b. Hazardous Waste – N</li> <li>c. Contaminated soil/water – N</li> <li>d. Other – N</li> </ul> <p>A. Design Data (Estimated):</p> <ul style="list-style-type: none"> <li>(1) Status: <ul style="list-style-type: none"> <li>(a) Design Start Date Feb 2015</li> <li>(b) Parametric Cost Estimate Used to Develop Costs YES</li> <li>(c) Percent of Design Completed as of 1 Jan 2016 15%</li> <li>(d) Expected 35% Design Date Nov 2016</li> <li>(e) 100% Design Completion Date May 2018</li> <li>(f) Type of Design Contract: Design/Build</li> </ul> </li> <li>(2) Basis:</li> </ul>				



1. COMPONENT DoDEA	FY 2017 MILITARY CONSTRUCTION PROJECT DATA			2. Date February 2016
3. INSTALLATION AND LOCATION RAF Croughton, United Kingdom			4. PROJECT TITLE: Croughton Elementary, Middle, High School Replacement	
5. PROGRAM ELEMENT	6. CATEGORY CODE 730787	7. PROJECT NUMBER EU00101	8. PROJECT COST (\$000) 71,424	
(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)				4,781
(d) Contract (60% of the 10% in line c)				2,869
(e) In-house (40% of the 10% in line c)				1,912
(4) Construction Contract Award Date				Jun 2017
(5) Construction Start Date				Aug 2017
(6) Construction Completion Date				May 2020
B. Equipment associated with this project which will be provided from other appropriations:				
<u>Equipment Nomenclature</u>	<u>Procuring Appropriation</u>	<u>Fiscal Year Appropriated Or Requested</u>	<u>Cost (\$000)</u>	
Furnishings	O&M	2020	1,119	
Kitchen	O&M	2020	562	
IT	O&M	2020	901	
Education Supplies	O&M	2020	1,019	
Safety Equipment	O&M	2020	58	
Security Equipment	O&M	2020	53	

**Missile Defense Agency  
 FY 2017 Military Construction, Defense-Wide  
 (\$ in Thousands)**

<u>State/Country/Installation/Project</u>	<u>Authorization Request</u>	<u>Approp. Request</u>	<u>New/Current Mission</u>	<u>Page No.</u>
<b>Alaska</b>				
Clear Air Force Station (AFS) Long Range Discrimination Radar System Complex, Phase 1	155,000	155,000	N	91
Fort Greely Missile Defense Complex Switchgear Facility	9,560	9,560	C	96
<b>Wake Island</b>				
Wake Island Air Base Test Support Facility	11,670	11,670	C	100
<b>Total</b>	<b>176,230</b>	<b>176,230</b>		

<b>1. COMPONENT</b> MDA		<b>FY 2017 MILITARY CONSTRUCTION PROJECT DATA</b>						<b>2. DATE</b> Feb 2016			
<b>3. INSTALLATION AND LOCATION</b> Clear AFS, Alaska				<b>4. COMMAND</b> Missile Defense Agency			<b>5. AREA CONSTR. COST INDEX</b> 2.44				
<b>6. PERSONNEL</b>		<b>PERMANENT</b>			<b>STUDENTS</b>			<b>SUPPORTED</b>			
STRENGTH:		<b>OFFICER</b>	<b>ENLISTED</b>	<b>CIVILIAN</b>	<b>OFFICER</b>	<b>ENLISTED</b>	<b>CIVILIAN</b>	<b>OFFICER</b>	<b>ENLISTED</b>	<b>CIVILIAN</b>	<b>TOTAL</b>
N/A: Tenant of U.S. Air Force											
<b>7. INVENTORY DATA (\$000)</b>											
A. TOTAL ACERAGE							N/A				
B. INVENTORY TOTAL AS OF							N/A				
C. AUTHORIZATION NOT YET IN INVENTORY							0				
D. AUTHORIZATION REQUESTED IN THE FY2017							155,000				
E. AUTHORIZATION REQUESTED IN THE FY2018							0				
F. PLANNED IN NEXT THREE PROGRAM YEARS							150,000				
G. REMAINING DEFICIENCY							0				
H. GRAND TOTAL.							305,000				
<b>8. PROJECTS REQUESTED IN THE FY2017 PROGRAM:</b>											
CATEGORY						COST		DESIGN STATUS			
CODE		PROJECT TITLE		SCOPE		(\$000)		START		COMPLETE	
1413		Long Range Discrimination Radar System Complex, Phase 1		1 EA		155,000		Jan 15		Sep 16	
<b>9. FUTURE PROJECTS:</b>											
CATEGORY						SCOPE		COST			
CODE		PROJECT TITLE				(\$000)					
8111		Long Range Discrimination Radar System Complex, Phase 2				1 EA		<u>150,000</u>			
								Total:		150,000	
<b>10. MISSION OR MAJOR FUNCTIONS:</b> The mission of the Missile Defense Agency (MDA) is to develop and field an integrated, layered Ballistic Missile Defense System (BMDS) to defend the United States, our deployed forces, allies, and friends against all ranges of enemy ballistic missiles in all phases of flight. The Long Range Discrimination Radar project is required for deployment of a new midcourse tracking radar that will provide persistent coverage and improve lethal object discrimination capabilities against threats to the homeland from the Pacific theater.											
<b>11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:</b>											
A. Air Pollution:							N/A				
B. Water pollution:							N/A				
C. Occupational safety and health (OSH):							N/A				

<b>1. COMPONENT</b> MDA		<b>FY 2017 MILITARY CONSTRUCTION PROJECT DATA</b>			<b>2. DATE</b> Feb 2016	
<b>3. INSTALLATION AND LOCATION</b> Clear AFS, Alaska			<b>4. PROJECT TITLE</b> Long Range Discrimination Radar System Complex, Phase 1			
<b>8. PROGRAM ELEMENT</b> 0604873C		<b>6. CATEGORY CODE</b> 1413		<b>7. PROJECT NUMBER</b> MDA 657		<b>8. PROJECT COST (\$000)</b> 155,000
<b>9. COST ESTIMATES</b>						
ITEM		U/M	QUANTITY		UNIT COST	COST \$(000)
<u>PRIMARY FACILITIES</u>						
Mission Control Facility (141391)		m2 (SF)	5,574 (60,000)		10,646 (989)	75,751 (59,340)
Radar Foundation		LS				(2,607)
Special Construction		LS				(9,150)
Nearfield Antenna (132134)		EA	2		350,000	(700)
Entry Control Facility (730837)		m2 (SF)	102 (1,100)		7,280 (676)	(744)
Antiterrorism/Force Protection		LS				(2,180)
Security Infrastructure/ESS		LS				(1,030)
<u>SUPPORTING FACILITIES</u>						
Electric Service		LS				62,857 (24,491)
Water, Sewer		LS				(11,179)
Paving, Walks		LS				(1,137)
Site Imp (11.5M)/ Demo (1.4M)		LS				(12,900)
Information/Communication Systems		LS				(4,060)
Temporary Infrastructure Mob/Demob		LS				(9,090)
<u>SUBTOTAL</u>						138,608
CONTINGENCY (5.00%)						6,931
TOTAL CONTRACT COST						145,539
SIOH (6.50%)						9,461
TOTAL REQUEST						155,000
TOTAL ROUNDED REQUEST						155,000
INSTALLED EQUIPMENT-OTHER APPROP						(893,728)
<b>10. DESCRIPTION OF PROPOSED CONSTRUCTION:</b> This project constructs a Long Range Discrimination Radar (LRDR) System Complex at Clear AFS, Alaska, supporting missile defense command and control components. The complex will consist of high-altitude electromagnetic pulse (HEMP) constructed LRDR infrastructure to include a mission control facility and foundation for the radar equipment. The complex will be within a System Security Level A (SSL-A) secure boundary with an entry control facility. Additional construction includes lightning protection, equipment grounding systems, nearfield antennas, electronic security system infrastructure, site boundary and restricted area security fencing, barriers, and gates.  Special Construction includes HEMP/Electro-Magnetic Interference (EMI) shielding and testing in mission support areas. Mission facilities will include features to meet site specific ground motion and seismic requirements. The constructed Mission Control Facility will be designed to obtain LEED Silver Certification.  Supporting facilities include overall site development, electrical services, utility building and commercial power electric substation, water, sewer, cooling water wells, paving, walks, storm drainage, fire protection and alarm systems, site improvements and demolition, telecommunication distribution and information management systems. The project also includes wastewater, sewage collection and disposal designed as a septic tank / leach field system.  Temporary infrastructure will support site improvements and preparation for construction. Improvements include temporary roads, construction site fence, temporary power, mobilization and demobilization.  Installed building equipment includes special flooring, redundant mechanical and electrical systems, uninterruptable power system and electronic controls to monitor building systems and the base infrastructure. A/C is estimated at 140 tons.						



<b>1. COMPONENT</b> MDA	<b>FY 2017 MILITARY CONSTRUCTION PROJECT DATA</b>	<b>2. DATE</b> Feb 2016
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**3. INSTALLATION AND LOCATION**  
Clear AFS, Alaska

<b>4. PROJECT TITLE</b> Long Range Discrimination Radar System Complex, Phase 1	<b>5. PROJECT NUMBER</b> MDA 657
--	-------------------------------------

**12. SUPPLEMENTAL DATA:**

A. Estimated Design Data

(1) Status:

(a) Date Design Started	Jan 2015
(b) Percent Complete As Of January 2016	50%
(c) Date 35% Design Complete	Oct 2015
(d) Date Design Complete	Sep 2016
(e) Parametric Cost Estimating Used To Develop Cost	No
(f) Type of Design Contract	Design-Bid-Build

(2) Basis:

(a) Standard or Repetitive Design	No
(b) Where Design Was Most Recently Used	N/A

(3) Total Design Cost (c) = (a)+(b) or (d)+(e) (\$000)

(a) Production of Plans and Specifications	9,300
(b) All Other Design Costs	6,200
(c) Total Design Costs	15,500
(d) Contract	10,850
(e) In-House	4,650

(4) Contract Award Mar 2017

(5) Construction Start Jun 2017

(6) Construction Completion Aug 2020

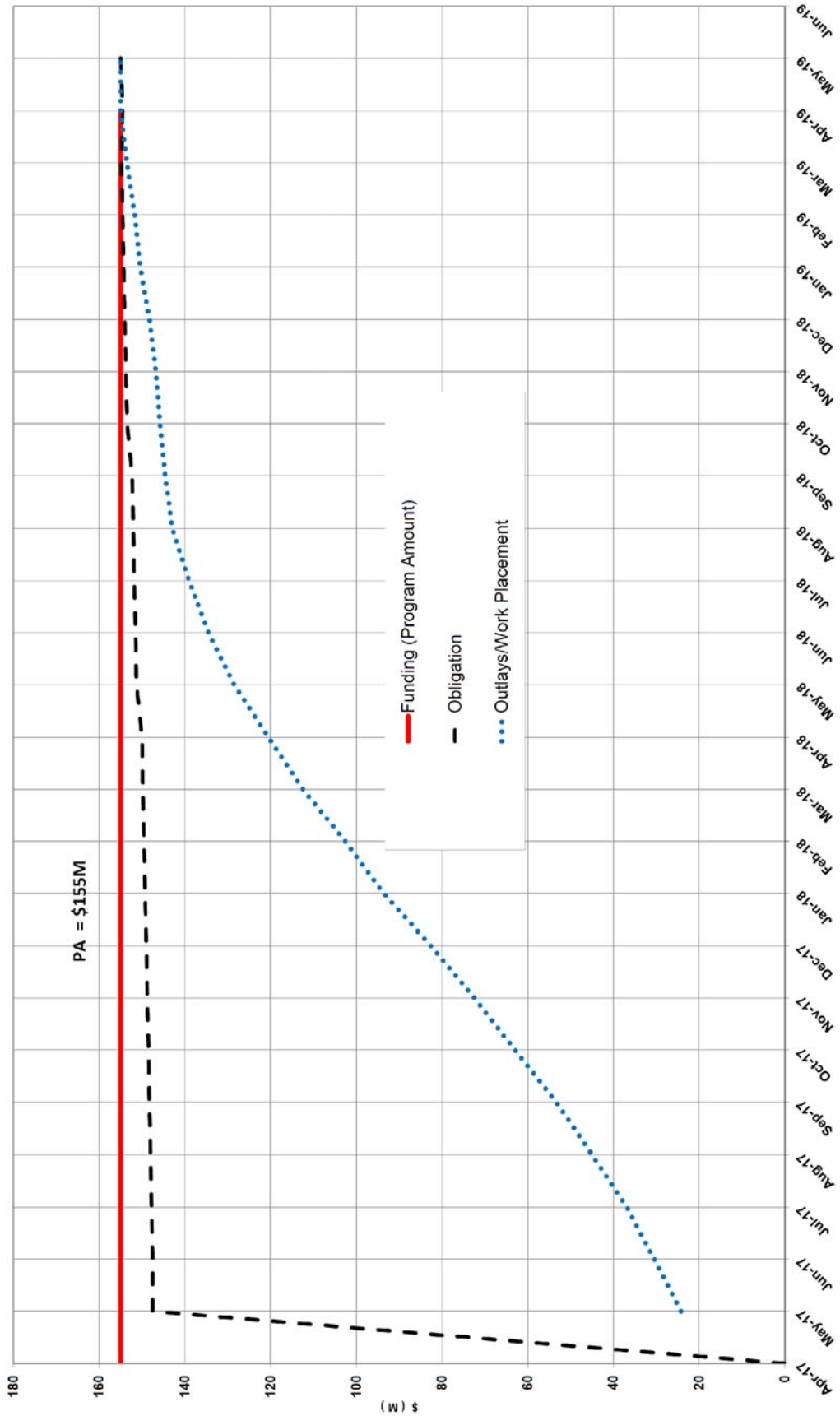
B. Equipment associated with this project which will be provided from other appropriations:

Equipment Nomenclature	Appropriation	FY Appropriated or Requested	Cost \$(000)
Radar System Equipment & Encl.	RDT&E	FY16-FY21	868,758
Mission Comms Equipment			
Security Equipment (IESS)			
Installed Building Equipment			
Commercial Power Extension			
Demil/Remove BMEWS Antenna/Equip/Radars	RDT&E	FY16-FY17	100
Site Activation	RDT&E	FY16-FY18	24,870
		TOTAL:	893,728



US Army Corps  
of Engineers.

### Missile Defense Agency (MDA) Long Range Discrimination Radar System Complex, Phase 1 Alaska (MDA Project #657) - Work In Progress (WIP) Curve , date 19 Jan 2016



<b>1. COMPONENT</b> MDA		<b>FY 2017 MILITARY CONSTRUCTION PROJECT DATA</b>						<b>2. DATE</b> Feb 2016			
<b>3. INSTALLATION AND LOCATION</b> Fort Greely, Alaska				<b>4. COMMAND</b> Missile Defense Agency				<b>5. AREA CONSTR. COST INDEX</b> 2.45			
<b>6. PERSONNEL</b>		PERMANENT			STUDENTS			SUPPORTED			
STRENGTH: N/A: Tenant of U.S. Army		OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	TOTAL
<b>7. INVENTORY DATA (\$000)</b>											
A. TOTAL ACERAGE							N/A				
B. INVENTORY TOTAL AS OF							N/A				
C. AUTHORIZATION NOT YET IN INVENTORY							0				
D. AUTHORIZATION REQUESTED IN THE FY2017							9,560				
E. AUTHORIZATION REQUESTED IN THE FY2018							0				
F. PLANNED IN NEXT THREE PROGRAM YEARS							0				
G. REMAINING DEFICIENCY							0				
H. GRAND TOTAL.							9,560				
<b>8. PROJECTS REQUESTED IN THE FY2017 PROGRAM:</b>											
CATEGORY		PROJECT TITLE		SCOPE		COST (\$000)		DESIGN STATUS			
CODE								START		COMPLETE	
89113		Missile Defense Complex Switchgear Facility		1,400 SF		9,560		Jul 15		Sep 16	
<b>9. FUTURE PROJECTS:</b>											
CATEGORY		PROJECT TITLE		SCOPE		COST (\$000)					
CODE											
<b>10. MISSION OR MAJOR FUNCTIONS:</b> 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 Switchgear facility project is required to provide the Ground-Based Midcourse Defense System with increased capabilities for homeland defense. This project constructs a shielded Switchgear Facility providing redundant switchgear units and site electrical infrastructure upgrades to support current survivability and reliability, availability, and maintainability (RAM) requirements.											
<b>11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:</b>											
A. Air Pollution:							N/A				
B. Water pollution:							N/A				
C. Occupational safety and health (OSH):							N/A				



1. COMPONENT MDA		FY 2017 MILITARY CONSTRUCTION PROJECT DATA			2. DATE Feb 2016	
3. INSTALLATION AND LOCATION Fort Greely, Alaska			4. PROJECT TITLE Missile Defense Complex Switchgear Facility			
8. PROGRAM ELEMENT 0603882C		6. CATEGORY CODE 89113		7. PROJECT NUMBER MDA 653		8. PROJECT COST (\$000) 9,560
<b>9. COST ESTIMATES</b>						
ITEM		U/M	QUANTITY		UNIT COST	COST \$(000)
<u>PRIMARY FACILITIES</u>						
Switchgear Facility (89113)		m2 (SF)	130 (1,400)		31,831 (2,956)	7,590 (4,138)
Electrical Switching Station (81350)		KV	12.47		151,083	(1,884)
Special Construction		LS				(914)
Switchgear Pad (85225)		m3 (CY)	77 (100)		263 (480)	(48)
Transformer (81360)		KV	12.47		244	(366)
Security Fence/Force Protection/ESS		LS				(240)
<u>SUPPORTING FACILITIES</u>						
Electrical		LS				959 (675)
Water, Sewer, Gas		LS				(5)
Paving, Walks		LS				(50)
Mob / Demob		LS				(200)
Site Improvements / Demo		LS				(20)
Information/Communication Systems		LS				(9)
<u>SUBTOTAL</u>						
CONTINGENCY (5.00%)						8,549
TOTAL CONTRACT COST						427
SIOH (6.50%)						8,976
TOTAL REQUEST						583
TOTAL REQUEST ROUNDED						9,560
INSTALLED EQUIPMENT-OTHER APPROP						9,560
<p><b>10. DESCRIPTION OF PROPOSED CONSTRUCTION:</b> Construct a shielded Switchgear Facility to include a switching station with switchgear and all necessary safety and security equipment, two shielded enclosures, concrete pad, and associated electrical infrastructure upgrades at Fort Greely, Alaska. The Switchgear Facility will provide redundant automatic switchgear units and other electrical equipment supporting the two existing In-Flight Interceptor Communications System (IFICS) Data Terminals (IDTs).</p> <p>The shielded Switchgear Facility construction will contain the primary power equipment to support the IDT units: redundant switchgear units, electrical breakers, and two - 750 KVA transformers. The Switchgear Facilities' protection includes 1/4-inch thick steel plates and IDT test connection points. The shielding requires testing and certification.</p> <p>The switchgear concrete pad construction will include features to meet site specific ground motion and seismic requirements. Security infrastructure will include fencing, bollards, and an electronic security system.</p> <p>Supporting facilities include: site electrical power system and grounding system upgrades; coordination improvements, electrical conduits and manhole upgrades, paving, fire protection and alarm systems, and information management systems. Site preparation includes clearing, grubbing, site grading, and demolition of a fence and existing transformers.</p>						



1. COMPONENT MDA	<b>FY 2017 MILITARY CONSTRUCTION PROJECT DATA</b>	2. DATE Feb 2016																																													
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<p><b>12. SUPPLEMENTAL DATA:</b></p> <p>A. Estimated Design Data</p> <p>(1) Status:</p> <table border="0" style="width: 100%;"> <tr> <td style="padding-left: 20px;">(a) Date Design Started</td> <td style="text-align: right;">Jul 2015</td> </tr> <tr> <td style="padding-left: 20px;">(b) Percent Complete As Of January 2016</td> <td style="text-align: right;">35%</td> </tr> <tr> <td style="padding-left: 20px;">(c) Date 35% Design Complete</td> <td style="text-align: right;">Jan 2016</td> </tr> <tr> <td style="padding-left: 20px;">(d) Date Design Complete</td> <td style="text-align: right;">Sep 2016</td> </tr> <tr> <td style="padding-left: 20px;">(e) Analogous Cost Estimating Used To Develop Cost</td> <td style="text-align: right;">Yes</td> </tr> <tr> <td style="padding-left: 20px;">(f) Type of Design Contract</td> <td style="text-align: right;">Design-Bid-Build</td> </tr> </table> <p>(2) Basis:</p> <table border="0" style="width: 100%;"> <tr> <td style="padding-left: 20px;">(a) Standard or Repetitive Design</td> <td style="text-align: right;">No</td> </tr> <tr> <td style="padding-left: 20px;">(b) Where Design Was Most Recently Used</td> <td style="text-align: right;">N/A</td> </tr> </table> <p>(3) Total Design Cost (c) = (a)+(b) or (d)+(e) (\$000)</p> <table border="0" style="width: 100%;"> <tr> <td style="padding-left: 20px;">(a) Production of Plans and Specifications</td> <td style="text-align: right;">519</td> </tr> <tr> <td style="padding-left: 20px;">(b) All Other Design Costs</td> <td style="text-align: right;">346</td> </tr> <tr> <td style="padding-left: 20px;">(c) Total Design Costs</td> <td style="text-align: right;">865</td> </tr> <tr> <td style="padding-left: 20px;">(d) Contract</td> <td style="text-align: right;">606</td> </tr> <tr> <td style="padding-left: 20px;">(e) In-House</td> <td style="text-align: right;">259</td> </tr> </table> <p>(4) Contract Award</p> <table border="0" style="width: 100%;"> <tr> <td style="padding-left: 20px;"></td> <td style="text-align: right;">Mar 2017</td> </tr> </table> <p>(5) Construction Start</p> <table border="0" style="width: 100%;"> <tr> <td style="padding-left: 20px;"></td> <td style="text-align: right;">May 2017</td> </tr> </table> <p>(6) Construction Completion</p> <table border="0" style="width: 100%;"> <tr> <td style="padding-left: 20px;"></td> <td style="text-align: right;">Aug 2019</td> </tr> </table> <p>B. Equipment associated with this project which will be provided from other appropriations:</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: center;">Equipment Nomenclature</th> <th style="text-align: center;">Procuring Appropriation</th> <th style="text-align: center;">FY Appropriated or Requested</th> <th style="text-align: center;">Cost \$(000)</th> </tr> </thead> <tbody> <tr> <td style="padding-left: 20px;">Security Equipment</td> <td style="text-align: center;">RDT&amp;E</td> <td style="text-align: center;">FY17</td> <td style="text-align: right;">100</td> </tr> <tr> <td colspan="3" style="text-align: right;">Total:</td> <td style="text-align: right;">100</td> </tr> </tbody> </table>				(a) Date Design Started	Jul 2015	(b) Percent Complete As Of January 2016	35%	(c) Date 35% Design Complete	Jan 2016	(d) Date Design Complete	Sep 2016	(e) Analogous Cost Estimating Used To Develop Cost	Yes	(f) Type of Design Contract	Design-Bid-Build	(a) Standard or Repetitive Design	No	(b) Where Design Was Most Recently Used	N/A	(a) Production of Plans and Specifications	519	(b) All Other Design Costs	346	(c) Total Design Costs	865	(d) Contract	606	(e) In-House	259		Mar 2017		May 2017		Aug 2019	Equipment Nomenclature	Procuring Appropriation	FY Appropriated or Requested	Cost \$(000)	Security Equipment	RDT&E	FY17	100	Total:			100
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<b>3. INSTALLATION AND LOCATION</b> Wake Island				<b>4. COMMAND</b> Missile Defense Agency				<b>5. AREA CONSTR. COST INDEX</b> 2.61																																																																																																					
<b>6. PERSONNEL</b> STRENGTH: N/A: Tenant of U.S. Air Force		PERMANENT			STUDENTS			SUPPORTED																																																																																																					
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37110		Test Support Facility			8,200 SF		11,670	Oct 15		Oct 16																																																																																																			
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<b>11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:</b>																																																																																																													
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1. COMPONENT MDA		FY 2017 MILITARY CONSTRUCTION PROJECT DATA			2. DATE Feb 2016	
3. INSTALLATION AND LOCATION Wake Island			4. PROJECT TITLE Test Support Facility			
5. PROGRAM ELEMENT 0603914C		6. CATEGORY CODE 37110		7. PROJECT NUMBER MDA 662		8. PROJECT COST (\$000) 11,670
<b>9. COST ESTIMATES</b>						
ITEM		U/M	QUANTITY		UNIT COST	COST \$(000)
<u>PRIMARY FACILITIES</u>						8,536
Test Support Facility (37110)		m2 (SF)	762 (8,200)		11,205 (1,041)	(8,536)
<u>SUPPORTING FACILITIES</u>						1,929
Site Electrical		LS				(863)
Water, Sewer		LS				(388)
Paving, Walks		LS				(233)
Site Improvement/Demo		LS				(213)
Information/Communications Systems		LS				(174)
Antiterrorism/Force Protection		LS				(58)
<u>SUBTOTAL</u>						10,465
CONTINGENCY (5.00%)						523
TOTAL CONTRACT COST						10,988
SIOH (6.20%)						682
TOTAL REQUEST						11,670
TOTAL REQUEST ROUNDED						11,670
INSTALLED EQUIPMENT-OTHER APPROP						(500)
<p><b>10. DESCRIPTION OF PROPOSED CONSTRUCTION:</b> Construct supporting foundation and procure and install an insulated, pre-engineered, single-story, metal building. The facility includes mission execution workspace, office space, conference room, elevated storage, restrooms, and mechanical-electrical room. The project includes air conditioning (A/C), plumbing, power, lighting, lightning protection, fire alarm, and fire suppression.</p> <p>Supporting facilities include site work to extend utilities to the facility; an aggregate access road; paving and walkways; information/communication infrastructure; connections to support backup power; and antiterrorism/force protection. The constructed facility will be designed to obtain LEED Silver Certification. A/C is estimated at 25 tons. The facility will provide work space for approximately 60 deployed personnel during test events.</p>						
<p><b>11. REQUIRED:</b> 8,200 SF                      <b>ADEQUATE:</b> NONE                      <b>SUBSTANDARD:</b> 7,100 SF</p> <p><b>PROJECT:</b> Construct a new test support facility on Wake Island for Ballistic Missile Defense System test missions. (Current Mission)</p> <p><b>REQUIREMENT:</b> MDA has an established test capability on and around Wake Island with an operational area covering almost a million square kilometers. The highly complex integrated test deployments executed by the Agency require extensive support. The Test Support Facility (TSF) is required to provide mission-critical support that would otherwise be unavailable on-island. The facility supports multiple Ballistic Missile Defense Test Stakeholders, including flight test communications and infrastructure personnel responsible for time critical infrastructure build-up activities; the Mission Execution Team responsible for managing and executing inherent on-island activities to support flight test execution; Operational Test Authority and other Warfighter representatives; and special dedicated contract Subject Matter Experts supporting birth to death test execution activities. The facility is a central hub from which test build-up, test support, and test execution personnel can support and manage all on-island mission activities. The facility also provides critical functionality necessary for forward deployed asset managers and test support personnel to coordinate with CONUS-based leadership prior to and during test execution, including voice communications, MDA network connectivity, and conference room</p>						

**DD FORM 1391**

<b>1. COMPONENT</b> MDA	<b>FY 2017 MILITARY CONSTRUCTION PROJECT DATA</b>	<b>2. DATE</b> Feb 2016
<b>3. INSTALLATION AND LOCATION</b> Wake Island		
<b>4. PROJECT TITLE</b> Test Support Facility		<b>5. PROJECT NUMBER</b> MDA 662

**11. REQUIRED (CONTINUED):** capacity to support MDA leadership. This facility enables deployed personnel to safely and securely meet all test support and test safety requirements on Wake Island. The new facility is required to replace the current functionality of Building 1601. Due to the facility's poor condition and lack of other similar and available space on Wake, future mission personnel will have to be re-located into a new facility.

**CURRENT SITUATION:** The current support facility, Building 1601, has been heavily damaged by the corrosive environment on Wake Island and is now in a state of disrepair. The 611th Civil Engineering Squadron inspects Building 1601 annually and estimates it must be vacated within five years or less due to its poor condition. There are no other on-island facilities available to provide sufficient operations and support space.

**IMPACT IF NOT PROVIDED:** If not funded, MDA will have insufficient test support space required during test deployments to ensure successful completion of 12 future flight tests presently planned at Wake Island through 2024 (per MDA Integrated Master Test Plan). Building 1601 stands to be condemned within five years. Without a new facility to replace its capabilities, MDA will incur interoperability and test support space deficiencies. The new facility need date is based on the FTO-03 E2 test event scheduled for 4th QTR FY18.

**ADDITIONAL INFORMATION:** This project shall comply with UFC 1-200-01, "General Building Requirements", providing model building codes and government-unique criteria for typical design disciplines and building systems, as well as for accessibility, antiterrorism, security, sustainability, and safety. All required NEPA and/or EO 12114 analyses will be completed prior to the start of construction. The siting master plan has been coordinated with the host installation and MDA will receive site approval prior to construction.

This project has been evaluated for compliance with Executive Order 11988 Flood Plain Management. Wake Island is subject to tsunamis and rogue waves which occasionally affect the island. The project has been sited to manage the risk of flood loss and minimize the impact of floods on human safety, health and welfare. Design will incorporate mitigation measures where feasible, and in accordance with current Air Force policy on island.

**12. SUPPLEMENTAL DATA:**

A. Estimated Design Date

(1) Status:

- (a) Date Design Started Oct 2015
- (b) Percent Complete As Of Jan 2016 5%
- (c) Date 35% Design Complete May 2016
- (d) Date Design Complete Oct 2016
- (e) Parametric Cost Estimating Used To Develop Cost No
- (f) Type of Design Contract Design-Bid-Build

(2) Basis:

- (a) Standard or Repetitive Design No
- (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 588
- (b) All Other Design Costs 392
- (c) Total Design Costs 980
- (d) Contract 800
- (e) In-House 180

DD FORM 1391

1. COMPONENT MDA	<b>FY 2017 MILITARY CONSTRUCTION PROJECT DATA</b>	2. DATE Feb 2016
3. INSTALLATION AND LOCATION Wake Island		
4. PROJECT TITLE Test Support Facility	5. PROJECT NUMBER MDA 662	

**12. SUPPLEMENTAL DATA (CONTINUED):**

(4) Contract Award	Apr 2017
(5) Construction Start	Jul 2017
(6) Construction Completion	Mar 2018

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

Equipment Nomenclature	Procuring Appropriation	FY Appropriated or Requested	Cost \$(000)
Furniture, Fixtures & Equipment	RDT&E	FY17	500
		Total:	500



**National Geospatial-Intelligence Agency  
 FY 2017 Military Construction, Defense-Wide  
 (\$ in Thousands)**

<b><u>State/Installation/Project</u></b>	<b><u>Authorization Request</u></b>	<b><u>Approp. Request</u></b>	<b><u>New/ Current Mission</u></b>	<b><u>Page No.</u></b>
<b>Missouri</b>				
St. Louis				
Next NGA West (N2W) Campus Land Acquisition	801	801	C	104
<b>Total</b>	<b>801</b>	<b>801</b>		

1. Component NGA	FY 2017 MILITARY CONSTRUCTION PROJECT DATA			2. Date FEB 2016	
3. Installation and Location St Louis, MO		4. Project Title Land Acquisition for Next NGA West (N2W) Campus			
5. Program Element	6. Category Code 911-146	7. Project Number NGA-016	8. Project Cost (\$000) 801		
<b>9. Cost Estimates</b>					
<i>Item</i>		U/M	Quantity	Unit Cost	Cost (\$000)
<b>Primary Facilities</b>					1
<b>Land Acquisition</b> (182 acres)		AC	182	-	(1)
Supporting Facilities					0
<b>Subtotal</b>					1
Contingency (0%)					0
<b>SUBTOTAL</b>					<b>1</b>
Supervision, Inspection & Overhead					800
Total Project Request					800
<b>TOTAL PROJECT COST</b>					<b>801</b>
<p><b>10. DESCRIPTION OF PROPOSED CONSTRUCTION:</b> Purchase 182 acre land parcel in the Greater St. Louis Metropolitan Area to allow the construction of the Next NGA West (N2W) campus to replace NGA's St. Louis Second Street compound. Campus to include a purpose-built 800,000 square-foot intelligence facility operations building with utility plant, a visitor control center, a remote inspection facility, as well as structured parking.</p>					
<p><b>11. REQUIREMENT:</b> N/A                      <b>ADEQUATE:</b> N/A                      <b>SUBSTANDARD:</b> N/A</p> <p><b>REQUIREMENT:</b> This project is required to provide NGA the land to construct safe, secure, and efficient facilities that will meet NGA's long-term requirements and vision for Geospatial-Intelligence (GEOINT), and will achieve consistency with the Director of National Intelligence (DNI) facilities strategic plan. Real estate acquired will be turned over to the United States Air Force for accountability and is anticipated to become part of the Scott Air Force Base real property account.</p> <p><b>PROJECT:</b> Acquire 182 acres of land to allow construction of replacement facilities for NGA's St. Louis Second Street compound.</p> <p><b>CURRENT SITUATION:</b> The existing 27-acre site for the NGA Second Street compound is in an industrial area on the bank of the Mississippi River just south of downtown St. Louis. The property and facilities date back to the early 1800's and have been used for various purposes by the U.S. government since 1826. Currently, NGA occupies approximately 918,000 Gross Square Feet (GSF) in 15 separate buildings, with the primary facility having been originally constructed in 1918. The site is surrounded by the Sigma-Aldrich Chemical Plant to the south, the Anheuser-Busch Brewery to the north, and active industrial railroad tracks immediately to the east along the Mississippi River. As a result of being land constrained, the site is incapable of meeting the security requirements outlined in UFC 4-010-01, <i>DoD Minimum Anti-Terrorism Standards for Buildings</i>, much less the security requirements necessary for an intelligence facility. Therefore, NGA requires land to construct a new compound at a new site to meet its mission requirements.</p>					

1. Component <b>NGA</b>	<b>FY 2017 MILITARY CONSTRUCTION PROJECT DATA</b>	2. Date <b>FEB 2016</b>
3. Installation and Location <b>St Louis, MO</b>		
4. Project Land Acquisition for Next NGA West (N2W) Campus		5. Project Number NGA-016
<p><b>IMPACT IF NOT PROVIDED:</b> This FY 2017 project is crucial to the timeline for delivering a fully operational N2W campus by FY 2023. Not approving this land acquisition will leave NGA's facilities at Second Street inadequately recapitalized, in a run-to-failure trajectory, and will continue to expose approximately 3,150 highly specialized employees to working in high risk and substandard facilities.</p> <p><b>JOINT USE CERTIFICATION:</b> N/A</p>		
<p><b>12. SUPPLEMENTAL DATA:</b></p> <p>A. Estimated negotiation date with land option:            Aug 2016</p> <p>B. Estimated design award date:                                Sep 2016</p> <p>C. Estimated land acquisition date:                            Aug 2017</p> <p>D. Estimated construction start date:                        Mar 2018</p> <p><b>ADDITIONAL INFORMATION:</b> N/A</p>		

**National Security Agency  
FY 2017 Military Construction, Defense-Wide  
(\$ in Thousands)**

<u>State/Installation/Project</u>	<u>Authorization Request</u>	<u>Approp. Request</u>	<u>New/ Current Mission</u>	<u>Page No.</u>
<b>Maryland</b>				
National Security Agency				
Ft. Meade				
NSAW Campus Feeders Phase 3	17,000	17,000	C	108
NSAW Recapitalization Building #2, Incr. 2	-	195,000	C	110
Access Control Facility	21,000	21,000	C	115
<b>Total</b>	<b>38,000</b>	<b>233,000</b>		

<b>1. COMPONENT NSA/CSS DEFENSE</b>	<b>FY 2017 MILITARY CONSTRUCTION PROGRAM</b>									<b>2. DATE</b> February 2016	
<b>3. INSTALLATION AND LOCATION</b> Ft. George G. Meade, Maryland	<b>4. COMMAND</b> NSA/CSS									<b>5. AREA CONSTRUCTION COST INDEX</b> 1.02	
<b>6. PERSONNEL STRENGTH</b> IC Community Installation CLASSIFIED	PERMAMENT			STUDENTS			SUPPORTED			TOTAL	
	OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV	CLASSIFIED	
				CLA	SIFI	ED					
<b>7. INVENTORY DATA (\$000)</b>											
A. TOTAL ACREAGE									\$0		
B. INVENTORY TOTAL AS OF									\$0		
C. AUTHORIZED NOT YET IN INVENTORY									\$0		
D. APPROPRIATION REQUESTED IN THIS PROGRAM									\$233,000		
E. APPROPRIATION INCLUDED IN FOLLOWING PROGRAM									\$313,692		
F. PLANNED IN NEXT THREE YEARS									\$1,079,260		
G. PLANNING AND DESIGN COST									\$0		
H. REMAINING DEFICIENCY									\$0		
I. GRAND TOTAL									\$1,625,952		
<b>8. PROJECTS REQUESTED IN THIS PROGRAM:</b>											
<u>CATEGORY</u> CODE	<u>PROJECT</u> NUMBER	<u>PROJECT TITLE</u>					<u>COST</u> (\$000)	<u>DESIGN</u> START	<u>DESIGN</u> COMPLETE		
81242	31067	NSAW Campus Feeders, Phase 3 (FY17)					\$17,000	APRIL 2013	OCT 2015		
14162	30583	NSAW Recapitalization Building #2, Increment 2 (FY17)					\$195,000	MAY 2014	JAN 2016*		
14113	TBD	NSAW Access Control Facility (ACF) (FY17)					\$21,000	MAY 2016	FEB 2017*		
<b>9. FUTURE PROJECTS:</b>											
a. INCLUDED IN FOLLOWING PROGRAM (FY18)											
<u>CATEGORY</u> CODE	<u>PROJECT</u> NUMBER	<u>PROJECT TITLE</u>					<u>COST</u> (\$000)				
14162	30583	NSAW Recapitalization Building 2, Increment 3 (FY18)					\$313,692				
b. PLANNED IN NEXT THREE YEARS (FY19 - FY21)											
<u>CATEGORY</u> CODE	<u>PROJECT</u> NUMBER	<u>PROJECT TITLE</u>					<u>COST</u> (\$000)				
14162	30583	NSAW Recapitalization Building 2, Increment 4 (FY19)					\$238,000				
14113	32122	Access Control Facility (ACF) (FY19)					\$38,123				
14162	32546	NSAW Recapitalization Building 3, Increment 1 (FY19)					\$83,000				
13185	32100	NSAW Recapitalization Building 3A, Increment 1, (FY20)					\$39,667				
14162	32546	NSAW Recapitalization Building 3, Increment 2 (FY20)					\$299,000				
13185	32100	NSAW Recapitalization Building 3A, Increment 2 (FY21)					\$142,560				
14162	32546	NSAW Recapitalization Building 3, Increment 3 (FY21)					\$238,910				
<b>10. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES</b>											
A. AIR POLLUTION									0		
B. WATER POLLUTION									0		
C. OCCUPATIONAL SAFETY AND HEALTH									0		
Footnote: *RFP Completion date											
DD FORM 1390, Dec 76											

<b>1. Component</b> NSA/CSS DEFENSE		<b>FY 2017 MILITARY CONSTRUCTION PROJECT DATA</b>			<b>2. Date</b> February 2016		
<b>3. Installation and Location</b> Ft. George G. Meade, Maryland				<b>4. Project Title</b> NSAW CAMPUS FEEDERS PHASE 3			
<b>5. Program Element</b>		<b>6. Category Code</b> 81242	<b>7. Project Number</b> 31067	<b>8. Project Cost (\$000)</b> \$17,000			
<b>9. Cost Estimates</b>							
<b>Item</b>				<b>U/M</b>	<b>Quantity</b>	<b>Unit Cost</b>	<b>Cost</b>
<b>PRIMARY FACILITIES</b>							<b><u>00,000</u></b>
N/A							
<b>SUPPORTING FACILITIES</b>							<b><u>14,341</u></b>
Electrical Ductbanks				LS			(8,176)
Electrical Feeders and Components				LS			(4,754)
Existing Feeders Removal				LS			(472)
Site Work				LS			(939)
<b>TOTAL CONSTRUCTION COST</b>							<b><u>14,341</u></b>
Contingency (10%)							1,434
Subtotal							<b><u>15,775</u></b>
SIOH (5.7%)							899
Design During Construction (DDC) (Title II Services) (2%)							316
Total Project Cost							16,990
<b><u>TOTAL PROJECT COST ROUNDED</u></b>							<b><u>17,000</u></b>
<p><b>10. DESCRIPTION OF PROPOSED CONSTRUCTION:</b> The proposed construction provides a new campus electrical distribution system comprised of new ductbanks, power feeders, and manholes. In addition, load interrupter switches, which eliminate medium voltage feeder splices, will be installed at the point of connection for most of the buildings on the NSAW campus. Construction also requires erosion and sediment control and stormwater management, as well as demolition and restoration of roadways, parking lots, landscaping, fences, and other site features impacted by the work. Minor demolition of electrical equipment/component is also required to accommodate the proposed electrical configuration. Some existing ductbanks and manholes are planned to be abandoned in place; but existing feeders will be removed.</p>							
<p><b>11. REQUIREMENT:</b> 13.8 KV – 500-750 kcmil feeders – 6” Conduit  <b>SUBSTANDARD:</b> 13.8 KV – 350-500 kcmil feeders – 3”, 4”, and 5” Conduit  <b>ADEQUATE:</b> None</p> <p><b>PROJECT:</b> NSAW Campus Buildings Feeders – South Campus (Phase 3): Construction to replace all existing ductbanks and medium voltage power feeders.</p> <p><b>REQUIREMENT:</b> 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 component; will allow for a complete and flexible distribution while minimizing feeder splices and their associated vulnerabilities.</p>							

<b>1. Component</b> NSA/CSS DEFENSE	<b>FY 2017 MILITARY CONSTRUCTION PROJECT DATA</b>		<b>2. Date</b> February 2016
<b>3. Installation and Location</b> Ft. George G. Meade, Maryland		<b>4. Project Title</b> NSAW CAMPUS FEEDERS PHASE 3	
<b>5. Program Element</b>	<b>6. Category Code</b> 81242	<b>7. Project Number</b> 31067	<b>8. Project Cost (\$000)</b> \$17,000

**CURRENT SITUATION:** The existing underground electrical ductbanks and manholes are more than 30 years old, and the medium voltage 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:     | April 2013       |
| (b) Design Complete:  | October 2015     |
| (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         | \$1,000 |
| (b) All other design costs                         | \$0     |
| (c) Total design cost (c) = (a) + (b) or (d) + (e) | \$1,000 |
| (d) Contract                                       | \$1,000 |
| (e) In house                                       | N/A     |

### 4. Construction Contract Award:

March 2017

### 5. Construction Start Date:

May 2017

### 6. Construction Completion Date:

November 2018

### Additional Information:

- Phase 1: NSAW Campus Buildings Feeder – North Campus (FY15 - \$54,207)
- Phase 2: NSAW Campus Buildings Feeder – Central Campus (FY16 - \$33,745)
- Phase 3: NSAW Campus Buildings Feeder – South Campus (FY17 - \$17,000)

1. Component NSA/CSS DEFENSE		FY 2017 MILITARY CONSTRUCTION PROJECT DATA		2. Date February 2016	
3. Installation and Location Ft. George G. Meade, Maryland			4. Project Title NSAW RECAPITALIZATION BUILDING #2, INCREMENT 2		
5. Program Element	6. Category Code 14162	7. Project Number 30583	8. Project Cost (\$000) \$782,332  Appropriated FY17: \$195,000		
9. Cost Estimates					
Item	U/M	Quantity	Unit Cost	Cost	
<b>PRIMARY FACILITIES</b>				<b><u>627,951</u></b>	
NSAW Recapitalization Building #2					
Operations Building	SF	826,114	538.02	(444,466)	
Parking Garage	SF	1,121,000	83.19	(93,260)	
Mechanical Plant	SF	72,268	726.80	(52,525)	
OMSI Costs	LS			(1,000)	
Sustainability and EAct05 (2%)	LS			(11,850)	
Antiterrorism/Force Protection	LS			(24,850)	
<b>SUPPORTING FACILITIES</b>				<b><u>39,053</u></b>	
Electrical Service and Generation	LS			(21,808)	
Water, Chilled Water, Reclaimed Water and Sewer	LS			(2,628)	
Paving, Walks, Curbs and Gutters and Roadways	LS			(5,439)	
Storm Drainage	LS			(2,834)	
Site Improvements and Demolition	LS			(4,255)	
Information Systems Ductbank	LS			(1,061)	
Antiterrorism/Force Protection	LS			(1,029)	
<b>Design-Build Design Cost @ 4%</b>	LS			<b><u>27,750</u></b>	
Estimated Contract Cost				<b><u>694,754</u></b>	
Contingency (5.0%)				34,738	
<b>SUBTOTAL</b>				<b><u>729,491</u></b>	
SIOH (5.7%)				41,581	
Design During Construction (1.5%)				10,942	
Total Project Request				782,015	
<b><u>TOTAL PROJECT COST</u></b>				<b><u>782,332</u></b>	
<b>Equipment from other appropriations</b>				<b>211,582*</b>	
*Number has changed due to adjustments.					
10. DESCRIPTION OF PROPOSED CONSTRUCTION: Construct a new Operations Facility of approximately 898,382 GSF for approximately 3,000 personnel including supporting facilities with associated site work and environmental measures. The facility will be built on the National Security (NSA) East Campus at Fort George G. Meade, MD. The FY16 authorized amount represents the entire funding required to execute this MILCON project. The FY17 appropriation represents the second increment of a four part funding profile.					
The general scope of work for the project consists of the following:					
The primary facility will be comprised of a multi-story structure with full basement. The facility includes open office areas and operations floor, analyst /planner collaboration areas, cafeteria and other operations. The mission support areas provide joint staff offices, executive offices, machine rooms, storage, and meeting rooms.					
Project consists of core and shell structure and foundations; elevator conveyance systems; electrical/mechanical service and distribution components and systems; fire protection, alarm and suppression; information technology infrastructure, communications, and security systems support infrastructure; exterior finishes and weatherproofing. Interior build out will provide raised access floor systems, acoustically-rated interior partitions and ceilings, power, lighting, environmental control and communications. The primary facility is not a standard design. The entire structure will be built to Sensitive Compartmented Information Facility (SCIF) standards. Project includes redundant primary power and Uninterruptable Power Supply (UPS) systems to ensure continuity of operations. This project requires comprehensive interior design.					



<b>1. Component</b> NSA/CSS DEFENSE	<b>FY 2017 MILITARY CONSTRUCTION PROJECT DATA</b>		<b>2. Date</b> February 2016
<b>3. Installation and Location</b> Ft. George G. Meade, Maryland		<b>4. Project Title</b> NSAW RECAPITALIZATION BUILDING #2, INCREMENT 2	
<b>5. Program Element</b>	<b>6. Category Code</b> 14162	<b>7. Project Number</b> 30583	<b>8. Project Cost (\$000) \$782,332</b>  Appropriated FY17: \$195,000

Site infrastructure will include primary electrical service to the site, water, sewer, and telecommunications pathways. The supporting facilities include, site preparation and infrastructure improvements, utility services, and perimeter security measures. Site preparation will include standard clearing, grubbing, cut, fill, grading and environmental protection structures. Additional site work consists of curb and gutter, walkways, patios and roads. Utility site construction will provide emergency backup power generation and cooling equipment. Perimeter security construction will extend existing perimeter fence line and surveillance capabilities.

Provide approximately 3,000 new parking spaces for staff and visitors by expanding an existing parking structure and an additional 500 spaces in a surface lot. The 500 space surface lot is required due to transplanting parking spaces required for ECB1, JOC and ECB-MC projects.

Since the project is located on an active East Campus development site, close coordination with multiple concurrent MILCON project activities will be necessary to allow continuous, uninterrupted use of the site during construction and to ensure contractor lay-down areas and access are maintained and boundaries secured.

This project will require road improvements to the NSAW Campus in support of increased personnel on East Campus due to East Campus Building 2. Improvements shall follow standards, guidelines, regulations and best practices as identified by Maryland State Highway Administration (SHA), the Manual on Uniform Traffic Control Devices (MUTCD), and the American Association of State Highway and Transportation Officials (AASHTO).

This project will include storm water management facilities in compliance with Maryland Department of the Environment requirements for Environmental Site Design, as well as EISA Section 438.

This project will include sustainable features cost effectively integrated to meet, at minimum Leadership in Energy and Environmental Design (LEED) Green Building Council rating system Silver-certified level requirements.

This project will be designed in accordance with, but not limited to, Architecture Barriers Act (ABA) Requirements and AT/FP Standards. Unified Facilities Criteria (UFC) will be an integral part of design consideration. This project is to be compliant with the current version of the MD Procurement Office (MPO) Facilities Engineering Design Standards (FEDS), and the latest version of the East Campus Installation Design Guidelines (IDG).

<b>1. Component</b> NSA/CSS DEFENSE	<b>FY 2017 MILITARY CONSTRUCTION PROJECT DATA</b>		<b>2. Date</b> February 2016
<b>3. Installation and Location</b> Ft. George G. Meade, Maryland		<b>4. Project Title</b> NSAW RECAPITALIZATION BUILDING #2, INCREMENT 2	
<b>5. Program Element</b>	<b>6. Category Code</b> 14162	<b>7. Project Number</b> 30583	<b>8. Project Cost (\$000) 782,332</b>  Appropriated FY17: \$195,000
<p>11. REQUIREMENT: New: Approximately 898,382 GSF Operations Building (and associated mechanical plant) and 1,121,000 SF Parking Structure ADEQUATE: None SUBSTANDARD: None</p> <p>PROJECT: Construct multi-story operations facility and structured parking facility (Current Mission).</p> <p>REQUIREMENT: This facility is necessary to provide an environment necessary to support mission operations and to further implement NSA's recapitalization plan. The NSA recapitalization plan calls for the phased replacement of aging facilities that have exceeded their service life and can no longer support the technology required for new missions. Additionally, this facility will provide the NSA with a flexible building that can provide the modern infrastructure necessary to support current and future technological requirements.</p> <p>This facility will incorporate new technologies and processes that will generate beneficial synergies through integration and collaboration. Through an open work environment that incorporates scalable, reconfigurable work spaces, missions will be able to achieve both actual and virtual collaboration while maintaining their functional discipline. To meet these demands in a wholly independent manner and with required levels of capacity and reliability, critical infrastructure will be constructed to provide redundancy.</p> <p>CURRENT SITUATION: Currently, activities in support of both the DoD and the nation are conducted individually in an NSA-centric structure. Network operations are prevented from realizing the full potential of the collaborative, cohesive work environments required for this initiative. To meet the immediate need, existing facilities are being reconfigured and supplemented through leased space. However, these efforts are limited by the availability of facilities with suitable locations, adequate AT/FP profiles, and power and cooling infrastructure capable of supporting mission critical activities.</p> <p>IMPACT IF NOT PROVIDED: If this facility is not funded, NSA will continue to overburden existing facilities and infrastructure impeding the ability to effectively operate and meet its mission.</p> <p>ADDITIONAL: The project has been coordinated with the installation facilities master plan and physical security plan. It complies with all required physical security and/or anti-terrorism measures. All required and anticipated physical security and antiterrorism protection measures are included. An Environmental Assessment has been completed that leverages the completed Environmental Impact Study for the NSA campus. Alternative methods of meeting requirements have been explored during the development of this project. An economic analysis has been prepared for this project and utilized in evaluating this project and determined this project to be the only viable option to satisfy the requirement. Construction estimates include costs associated with construction on a controlled access site, clearances for personnel, labor inefficiencies associated with escort requirements, and other daily processes at NSA. Escorts are required for positive control of access to primary and secondary utilities, which service other critical NSA facilities. Storm water management to mitigate environmental impact per EIS requirements are included. Sustainable principles, to include Life Cycle cost-effective practices, will be integrated into the design, development, and construction of the project in accordance with Executive Order 13423, 10 USC 2802 (c), and other applicable laws and Executive Orders. Facility will be designed and certified to LEED-NC Silver under USGBC LEED v3 2009. This project is to be compliant with the current version of NSA's, Facilities Engineering Design Standards (FEDS).</p>			

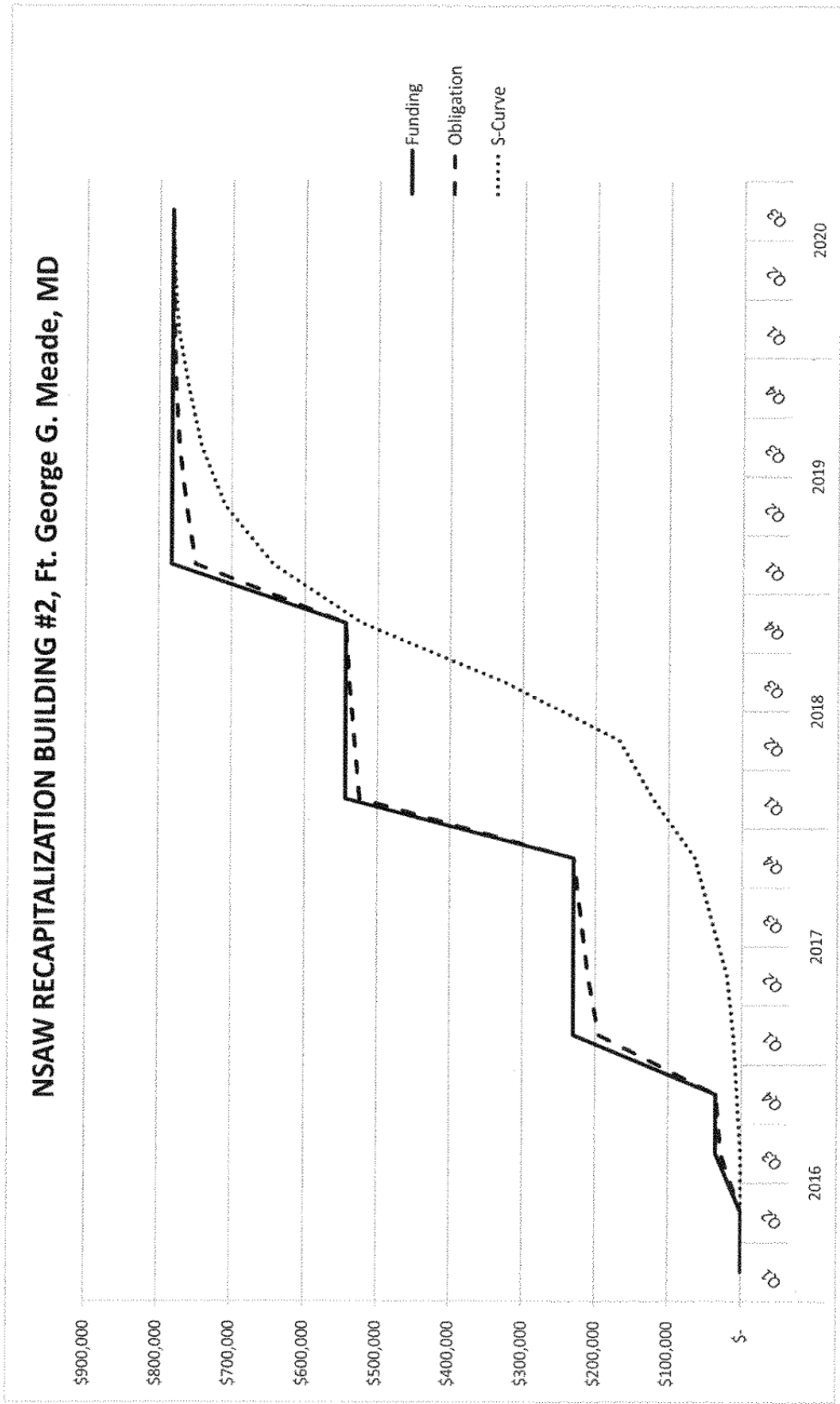
<b>1. Component</b> NSA/CSS DEFENSE	<b>FY 2017 MILITARY CONSTRUCTION PROJECT DATA</b>		<b>2. Date</b> February 2016
<b>3. Installation and Location</b> Ft. George G. Meade, Maryland		<b>4. Project Title</b> NSAW RECAPITALIZATION BUILDING #2, INCREMENT 2	
<b>5. Program Element</b>	<b>6. Category Code</b> 14162	<b>7. Project Number</b> 30583	<b>8. Project Cost (\$000) 782,332</b>  Appropriated FY17: \$195,000

## 12. SUPPLEMENTAL DATA:

1. Status
  - A. Design start date: May 2014
  - B. 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
   
\$0
  
- a. Construction Contract Award: July 2016
- b. Construction Start Date (Planned): Sept. 2016
- c. Construction Completion Date: Sept. 2020

## Additional Information:

- FY16 Increment 1: \$34,897
- FY17 Increment 2: \$195,000
- FY18 Increment 3: \$313,692
- FY19 Increment 4: \$238,000



<b>1. Component</b> NSA/CSS DEFENSE		<b>FY 2017 MILITARY CONSTRUCTION PROJECT DATA</b>			<b>2. Date</b> February 2016		
<b>3. Installation and Location</b> FT. George G. Meade, Maryland				<b>4. Project Title</b> Access Control Facility(ACF)			
<b>5. Program Element</b>		<b>6. Category Code</b> 14113	<b>7. Project Number</b>		<b>8. Project Cost (\$000)</b> \$21,000		
<b>9. Cost Estimate</b>							
Item				U/M	Quantity	Unit Cost	Cost (\$000)
<b>PRIMARY FACILITIES</b>							<b><u>9,369</u></b>
Vehicle Control Center (ACF) Facility				SF	10,000	396.90	(3,969)
Electrical System				LS	1		(1,385)
Mechanical System				LS	1		(786)
Sustainable Design				LS	1		(331)
Anti-Terrorism/Force Protection (AT/FP)				LS	1		(2,898)
<b>SUPPORTING FACILITIES</b>							<b><u>8,351</u></b>
Site Electrical				LS	1		(1,114)
Site work and improvements				LS	1		(6,761)
Demolition				LS	1		(476)
Design-Build (4%)				LS	1		<b><u>709</u></b>
<b>TOTAL CONSTRUCTION COST</b>							<b><u>18,429</u></b>
Contingency (5%)							921
Subtotal							<b><u>19,350</u></b>
SIOH (5.7%)							1,103
Design During Construction (DDC) (Title II Services) (2%)							387
Total Project Cost							20,840
<b><u>TOTAL PROJECT COST ROUNDED</u></b>							<b><u>21,000</u></b>
<p>10. DESCRIPTION OF PROPOSED CONSTRUCTION: Construct a new Access Control Facility (ACF) of approximately 10,000 gross square feet (GSF) with the capacity to support processing of visitors per criteria established by the Unified Facilities Criteria (UFC). Requirements for visitor control includes: waiting area, service counter, break room, offices, and restrooms. The facility will be built on the National Security Agency (NSA), located at Fort George G. Meade, Maryland (FGGM).</p> <p>The facility services and systems for electrical, mechanical, and fire alarm/suppression will be part of this project. The supporting facilities include, site preparation, infrastructure improvements, utility services, perimeter security measures, infrastructure for the telecommunication and the physical security system. Site preparation will include standard clearing, grubbing, cut, fill, grading, and environmental (sustainable) features. A surface parking lot will be also part of this project to include parking for the visitors, an access control zone to support security vehicles and vehicles associated with shift changes of security personnel. This project also includes demolition of the existing ACF.</p>							
<p>11. REQUIREMENT: 10,000 SF. ADEQUATE: 4,300 SF SUBSTANDARD: 4,000 SF</p> <p>PROJECT: Construct a new ACF and associated facilities to process visitors arriving to the installation.</p> <p>REQUIREMENT: The ACF controls entry to NSA by identify proofing, vetting to determine the level of character and conduct determined necessary for basis of access control decisions for individuals requesting access to NSA, and issuance of access credentials. An ACF is required based upon the average daily peak population of visitors to the installation, both currently and projected within the next five years.</p>							

<b>1. Component</b> NSA/CSS DEFENSE		<b>FY 2017 MILITARY CONSTRUCTION PROJECT DATA</b>		<b>2. Date</b> February 2016
<b>3. Installation and Location</b> FT. George G. Meade, Maryland			<b>4. Project Title</b> Access Control Facility (ACF)	
<b>5. Program Element</b>	<b>6. Category Code</b> 14113	<b>7. Project Number</b>	<b>8. Project Cost (\$000)</b> \$21,000	
<p><b>CURRENT SITUATION:</b> The NSA campus on Ft Meade has insufficient facilities and requires additional area to process visitors due to mission growth. The existing ACF is reaching their maximum capacity for processing visitors per hour per processor and it will not be able to effectively process the expected increase of visitors requesting and/or requiring access to the installation.</p> <p><b>IMPACT IF NOT PROVIDED:</b> If this facility is not provided, NSA will continue to overburden the existing ACF facility which is not adequate to process the expected increased in the amount of visitors.</p> <p><b>ADDITIONAL:</b> 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.</p> <p>The facility will be designed to comply with Executive Order 13514 "Federal Leadership in Environmental, Energy and Economic Performance".</p>				
<b>12. SUPPLEMENTAL DATA:</b>				
1. Status				
(a) Design Start:			May 2016	
(b) Type of Contract:			Design/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				
(i) Design Build RFP – P&D			\$349	
(ii) Design Build Design - MILCON			\$709	
(b) All other design costs			\$0	
(c) Total design cost (c) = (a) + (b) or (d) + (e)			\$1,058	
(d) Contract				
(i) Design Build RFP – P&D			\$349	
(ii) Design Build Design – MILCON			\$709	
(e) In house			\$0	
4. Construction Contract Award:			May 2017	
5. Construction Contract Start Date:			July 2017	
6. Construction Completion Date:			Dec. 2018	

**U.S. Special Operations Command  
FY 2017 Military Construction, Defense-Wide  
(\$ in Thousands)**

<u>State/Installation/Project</u>	<u>Authorization Request</u>	<u>Approp. Request</u>	<u>New/ Current Mission</u>	<u>Page No.</u>
<b>California</b>				
Naval Base Coronado				
SOF SEAL Team Ops Facility	47,290	47,290	C	120
SOF SEAL Team Ops Facility	47,290	47,290	C	123
SOF Special Recon Team One Operations Facility	20,949	20,949	C	126
SOF Human Performance Training Center	15,578	15,578	C	129
SOF TRADET ONE Operations Facility	44,305	44,305	C	132
<b>Georgia</b>				
Fort Benning				
SOF Tactical Unmanned Aerial Vehicle Hangar	4,820	4,820	C	136
<b>North Carolina</b>				
Fort Bragg				
SOF Special Tactics Facility (PH 3)	30,670	30,670	C	140
SOF Combat Medic Training Facility	10,905	10,905	C	144
SOF Parachute Rigging Facility	21,420	21,420	C	147
SOF Tactical Equipment Maintenance Facility	23,598	23,598	C	150
<b>Japan</b>				
Kadena Air Base				
SOF Maintenance Hangar	42,823	42,823	C	154
SOF Simulator Facility (MC-130)	12,602	12,602	C	157
Yokota Air Base				
Airfield Apron	41,294	41,294	C	161
Hangar/AMU	39,466	39,466	C	164
Operations and Warehouse Facilities	26,710	26,710	C	167
Simulator Facility	6,261	6,261	C	170
<b>Total</b>	<b>435,981</b>	<b>435,981</b>		

1. COMPONENT <b>USSOCOM</b>		<b>FY 2017 MILITARY CONSTRUCTION PROGRAM</b>					2. DATE <b>FEB 2016</b>			
3. INSTALLATION AND LOCATION <b>NAVAL BASE CORONADO, CALIFORNIA</b>			4. COMMAND <b>NAVAL SPECIAL WARFARE COMMAND</b>			5. AREA CONSTRUCTION COST INDEX <b>1.15</b>				
6. PERSONNEL STRENGTH		PERMANENT		STUDENTS			SUPPORTED			
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF SEP 15	579	2,628	458	0	0	0	0	0	0	3,665
B. END FY 21	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 15										228,400
C. AUTHORIZATION NOT YET IN INVENTORY (FY 14-16)										117,558
D. AUTHORIZATION REQUESTED IN THIS PROGRAM (FY 17)										175,412
E. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM (FY18)										256,912
F. PLANNED IN NEXT THREE YEARS (FY 19-21)										126,539
G. REMAINING DEFICIENCY										143,890
H. GRAND TOTAL										1,048,712
8. PROJECTS REQUESTED IN THIS PROGRAM:										
CATEGORY CODE	PROJECT TITLE				SCOPE		COST (\$000)	DESIGN STATUS START COMPLETE		
144	SOF SEAL TEAM OPS FACILITY				8,918 SM (96,000 SF)		47,290	12/15	10/17	
144	SOF SEAL TEAM OPS FACILITY				8,918 SM (96,000 SF)		47,290	12/15	10/17	
144	SOF SPECIAL RECON TEAM ONE OPERATIONS FACILITY				3,716 SM (40,000 SF)		20,949	12/15	10/17	
171	SOF HUMAN PERFORMANCE TRAINING				3,716 SM (40,000 SF)		15,578	12/15	10/17	
171	SOF TRADET ONE OPERATIONS FACILITY				8,362 SM (90,000 SF)		44,305	12/15	10/17	
9. FUTURE PROJECTS										
CATEGORY CODE	PROJECT TITLE				SCOPE		COST (\$000)			
a. Included in Following Program (FY18)										
140	SOF SEAL TEAM OPS FACILITY				8,918 SM (96,000 SF)		65,624			
171	SOF BASIC TRAINING COMMAND #1				11,677 SM (125,700 SF)		55,500			
140	SOF SEAL TEAM OPS FACILITY				8,918 SM (96,000 SF)		49,814			
144	SOF LOGISTICS SUPPORT UNIT ONE OPS FACILITY #3				11,148 SM (120,000 SF)		45,761			
171	SOF BASIC TRAINING COMMAND #2				17,746 SM (191,000 SF)		40,213			
B. Planned Next Three Years (FY19-21)										
144	SOF NSWG-1 OPERATIONS SUPPORT FACILITY				4,088 SM (44,000 SF)		19,254			
171	SOF ATC APPLIED INSTRUCTION FACILITY				3,530 SM (38,000 SF)		14,932			
171	SOF SERE TRAINING FACILITY				3,995 SM (43,000 SF)		15,217			
171	SOF ATC TRAINING FACILITY				4,366 SM (47,000 SF)		18,468			
171	SOF NSWCEN CLOSE QUARTERS COMBAT FACILITY				2,137 SM (23,000 SF)		12,864			
173	SOF ATC OPERATIONS SUPPORT FACILITY				3,252 SM (35,000 SF)		14,629			
c. RPM Backlog: N/A										



1. COMPONENT USSOCOM	<b>FY 2017 MILITARY CONSTRUCTION PROGRAM</b>		2. DATE FEB 2016
3. INSTALLATION AND LOCATION NAVAL BASE CORONADO, CALIFORNIA	4. COMMAND NAVAL SPECIAL WARFARE COMMAND		5. AREA CONSTRUCTION COST INDEX 1.15
<p>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.</p> <p>11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES: N/A</p>			

1. Component <b>USSOCOM</b>		<b>FY2017 MILITARY CONSTRUCTION PROJECT DATA</b>			2. Date <b>FEB 2016</b>		
3. Installation and Location/UIC: <b>NAVAL BASE CORONADO, CALIFORNIA</b>				4. Project Title <b>SOF SEAL TEAM OPS FACILITY</b>			
5. Program Element <b>1140494BB</b>		6. Category Code <b>144</b>	7. Project Number <b>P-889</b>		8. Project Cost (\$000) <b>47,290</b>		
<b>9. COST ESTIMATES</b>							
Item				U/M	Quantity	Unit Cost	Cost (\$000)
<b>PRIMARY FACILITY</b>							30,540
SEAL TEAM OPS FACILITY (CC 143-25) (96,000 SF)				SM	8,918	3,140	(28,003)
ANTI-TERRORISM/FORCE PROTECTION				LS	--	--	(546)
BUILT-IN EQUIPMENT				LS	--	--	(492)
SPECIAL COSTS				LS	--	--	(492)
OPERATION AND MAINTENANCE SUPP INFO (OMSI)				LS	--	--	(515)
SUSTAINABLE DESIGN AND DEVELOPMENT AND ENERGY POLICY ACT 2005 COMPLIANCE				LS	--	--	(492)
<b>SUPPORTING FACILITIES</b>							10,588
MECHANICAL UTILITIES				LS	--	--	(615)
PAVING AND SITE IMPROVEMENTS				LS	--	--	(4,535)
SITE PREPARATIONS				LS	--	--	(2,704)
ELECTRICAL UTILITIES				LS	--	--	(570)
SPECIAL FOUNDATION FEATURES				LS	--	--	(2,164)
							----
ESTIMATED CONTRACT COST							41,128
CONTINGENCY (5%)							2,056
							----
SUBTOTAL							43,184
SUPERVISION, INSPECTION AND OVERHEAD (5.7%)							2,461
							----
SUBTOTAL							45,645
DESIGN BUILD DESIGN COST (4%)							1,645
							----
TOTAL REQUEST							47,290
TOTAL REQUEST (ROUNDED)							47,290
EQUIPMENT FROM OTHER APPROPRIATIONS (NON ADD)							(5,854)
<b>10. Description of Proposed Construction:</b> Constructs an 8,918 SM (96,000 SF) facility to support SEAL Team FIVE operations. Facility will support a variety of functions including operational gear storage, applied instruction, administrative, and includes both interior and exterior operational load out areas. 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. Air conditioning: 675 kW (192 tons).							
<b>11. Requirement:</b> 8,918 SM (96,000 SF) <b>Adequate:</b> 0 SM <b>Substandard:</b> 3,902 SM (42,000 SF) <b>PROJECT:</b> Constructs an 8,918 SM (96,000 SF) facility to support SEAL Team FIVE operations. <b>REQUIREMENT:</b> SEAL Team FIVE is a maritime multi-purpose force organized, trained, and equipped to conduct a variety of special missions in all operational environments and threat conditions including counter terrorism, counter proliferation, direct action missions, unconventional warfare, security force assistance and personnel recovery.							

1. Component <b>USSOCOM</b>		<b>FY2017 MILITARY CONSTRUCTION PROJECT DATA</b>		2. Date <b>FEB 2016</b>	
3. Installation and Location/UIC: <b>NAVAL BASE CORONADO, CALIFORNIA</b>			4. Project Title <b>SOF SEAL TEAM OPS FACILITY</b>		
5. Program Element <b>1140494BB</b>		6. Category Code <b>144</b>	7. Project Number <b>P-889</b>	8. Project Cost (\$000) <b>47,290</b>	
<p><b>CURRENT SITUATION:</b> SEAL Team FIVE is currently accommodated in a portion of Building 634 (33K SF) and a portion of B-600 (9K SF) on the ocean side of Naval Amphibious Base Coronado that meets 44% of the operational requirement. CONEX boxes and MILVANS support operational gear storage. Building 600 was constructed in 1958 and utility and electrical systems are failing. Communications infrastructure does not support modern data and information systems. Security and anti-terrorism/force protection requirements cannot be met in this building. Limited operational load out spaces in the interior and exterior of these buildings increases deployment preparation time and hinders training load-outs and day-to-day operations. Project is integral to the phased capital improvements plan at NAB Coronado. FY18 P-1014 SOF Basic Training Command #2 will demolish Building 600 and renovate Building 634 to meet Naval Special Warfare Center Basic Training Command requirements.</p> <p><b>IMPACT IF NOT PROVIDED:</b> If this project is not provided, SEAL Team FIVE will continue to utilize obsolete, undersized and poorly configured facilities. Gear and equipment that should be stored in a climate controlled environment will continue to be stored in CONEX boxes and MILVANS, degrading equipment more rapidly and increasing lifecycle replacement costs. Due to space limitations, SEAL Team FIVE has split operations in two facilities to provide additional operational space needed for mission readiness. These facilities were not designed to meet current SEAL Team force structure and mission requirements and impede day-to-day operations and mission planning. Organizational effectiveness, operational efficiency and quality of life will continue to be compromised.</p> <p><b>ADDITIONAL:</b> 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, Title 10 United States Code (U.S.C.) 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. Flood vulnerability determination for Naval Special Warfare Command projects has been accomplished by Naval Base Coronado and is part of the project planning process.</p> <p><b>JOINT USE CERTIFICATION:</b> 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.</p>					
<b>12. Supplemental Data:</b>					
A. Design Data (Estimates)					
(1) Status					
(a) Date Design Started				Dec 15	
(b) Percent Complete as of January 2016				35%	
(c) Date Design 35% Complete				Jan 16	
(d) Date Design 100% Complete				Oct 17	
(e) Parametric Cost Estimates Used to Develop Costs				Yes	

1. Component <b>USSOCOM</b>		<b>FY2017 MILITARY CONSTRUCTION PROJECT DATA</b>		2. Date <b>FEB 2016</b>	
3. Installation and Location/UIC: <b>NAVAL BASE CORONADO, CALIFORNIA</b>			4. Project Title <b>SOF SEAL TEAM OPS FACILITY</b>		
5. Program Element <b>1140494BB</b>		6. Category Code <b>144</b>	7. Project Number <b>P-889</b>	8. Project Cost (\$000) <b>47,290</b>	
(f) Type of Design Contract		<b>Design Build</b>			
(g) Energy Study and Life Cycle Analysis Performed		<b>No</b>			
(2) Basis					
(a) Standard or Definitive Design Used		<b>No</b>			
(b) Where Design Was Previously Used		<b>N/A</b>			
(3) Total Cost		<b>(\$000)</b>			
(a) Production of Plans and Specification		<b>1,731</b>			
(b) All Other Design Costs		<b>1,154</b>			
(c) Total Cost (a + b or d + e)		<b>2,885</b>			
(d) Contract Cost		<b>1,731</b>			
(e) In-House Cost		<b>1,154</b>			
(4) Construction Contract Award Date		<b>Jun 17</b>			
(5) Construction Start Date		<b>Jan 18</b>			
(6) Construction Completion Date		<b>Jan 20</b>			
 <b>B. Equipment Associated With This Project Which Will be Provided From Other Appropriations:</b>					
<u>Equipment</u>	<u>Procuring</u>	<u>FY Appropriated</u>	<u>Cost</u>		
<u>Nomenclature</u>	<u>Appropriation</u>	<u>or Requested</u>	<u>(\$000)</u>		
Collateral Equipment	O&M, D-W	2018	2,508		
C4I Equipment	O&M, D-W	2018	1,758		
Collateral Equipment	PROC, D-W	2018	819		
C4I Equipment	PROC, D-W	2018	769		
 Naval Special Warfare Command Telephone: (619) 437-9075					

1. Component <b>USSOCOM</b>		<b>FY2017 MILITARY CONSTRUCTION PROJECT DATA</b>		2. Date <b>FEB 2016</b>	
3. Installation and Location/UIC: <b>NAVAL BASE CORONADO, CALIFORNIA</b>			4. Project Title <b>SOF SEAL TEAM OPS FACILITY</b>		
5. Program Element <b>1140494BB</b>		6. Category Code <b>144</b>	7. Project Number <b>P-890</b>	8. Project Cost (\$000) <b>47,290</b>	
<b>9. COST ESTIMATES</b>					
Item		U/M	Quantity	Unit Cost	Cost (\$000)
<b>PRIMARY FACILITY</b>					30,540
SEAL TEAM OPS FACILITY (CC 143-25) (96,000 SF)		SM	8,918	3,140	(28,003)
ANTI-TERRORISM/FORCE PROTECTION		LS	--	--	(546)
BUILT-IN EQUIPMENT		LS	--	--	(492)
SPECIAL COSTS		LS	--	--	(492)
OPERATION AND MAINTENANCE SUPP INFO (OMSI)		LS	--	--	(515)
SUSTAINABLE DESIGN AND DEVELOPMENT AND ENERGY ACT 2005 COMPLIANCE		LS	--	--	(492)
<b>SUPPORTING FACILITIES</b>					10,588
MECHANICAL UTILITIES		LS	--	--	(615)
PAVING AND SITE IMPROVEMENTS		LS	--	--	(4,535)
SITE PREPARATIONS		LS	--	--	(2,704)
ELECTRICAL UTILITIES		LS	--	--	(570)
SPECIAL FOUNDATION FEATURES		LS	--	--	(2,164)
					----
ESTIMATED CONTRACT COST					41,128
CONTINGENCY (5%)					2,056
					----
SUBTOTAL					43,184
SUPERVISION, INSPECTION AND OVERHEAD (5.7%)					2,461
					----
SUBTOTAL					45,645
DESIGN BUILD DESIGN COST (4%)					1,645
					----
TOTAL REQUEST					47,290
TOTAL REQUEST (ROUNDED)					47,290
EQUIPMENT FROM OTHER APPROPRIATIONS (NON ADD)					(6,068)
<p><b>10. Description of Proposed Construction:</b> Constructs an 8,918 SM (96,000 SF) facility to support SEAL Team SEVEN operations. Facility will support a variety of functions including operational gear storage, applied instruction, administrative, and includes interior operational load out areas. 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. Air conditioning: 675 kW (192 tons).</p>					
<p><b>11. Requirement:</b> 8,918 SM (96,000 SF) <b>Adequate:</b> 0 SM <b>Substandard:</b> 3,902 SM (42,000 SF)  <u>PROJECT:</u> Constructs an 8,918 SM (96,000 SF) facility to support SEAL Team SEVEN operations.  <u>REQUIREMENT:</u> SEAL Team SEVEN is a maritime multi-purpose force organized, trained, and equipped to conduct a variety of special missions in all operational environments and threat conditions including counter terrorism, counter proliferation, direct action missions, unconventional warfare, security force assistance and personnel recovery.</p>					

1. Component <b>USSOCOM</b>		<b>FY2017 MILITARY CONSTRUCTION PROJECT DATA</b>		2. Date <b>FEB 2016</b>	
3. Installation and Location/UIC: <b>NAVAL BASE CORONADO, CALIFORNIA</b>			4. Project Title <b>SOF SEAL TEAM OPS FACILITY</b>		
5. Program Element <b>1140494BB</b>		6. Category Code <b>144</b>	7. Project Number <b>P-890</b>	8. Project Cost (\$000) <b>47,290</b>	
<p><b>CURRENT SITUATION:</b> SEAL Team SEVEN is currently accommodated in a portion of Building 634 (33K SF) and a portion of B-600 (9K SF) on the ocean side of Naval Amphibious Base Coronado that meets 44% of the operational requirement. CONEX boxes and MILVANS support operational gear storage. Building 600 was constructed in 1958 and utility and electrical systems are failing. Communications infrastructure does not support modern data and information systems. Security and anti-terrorism/force protection requirements cannot be met in this building. Limited operational load out spaces in the interior and exterior of these buildings increases deployment preparation time and hinders training load-outs and day-to-day operations. Project is integral to the phased capital improvements plan at NAB Coronado. FY18 P-1014 SOF Basic Training Command #2 will demolish Building 600 and renovate Building 634 to meet Naval Special Warfare Center Basic Training Command requirements.</p> <p><b>IMPACT IF NOT PROVIDED:</b> If this project is not provided, SEAL Team SEVEN will continue to utilize obsolete, undersized and poorly configured facilities. Gear and equipment that should be stored in a climate controlled environment will continue to be stored in CONEX boxes and MILVANS, degrading equipment more rapidly and increasing lifecycle replacement costs. Due to space limitations, SEAL Team SEVEN has split operations in two facilities to provide additional operational space needed for mission readiness. These facilities were not designed to meet current SEAL Team force structure and mission requirements and impede day-to-day operations and mission planning. Organizational effectiveness, operational efficiency and quality of life will continue to be compromised.</p> <p><b>ADDITIONAL:</b> 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, Title 10 United States Code (U.S.C.) 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. Flood vulnerability determination for Naval Special Warfare Command projects has been accomplished by Naval Base Coronado and is part of the project planning process.</p> <p><b>JOINT USE CERTIFICATION:</b> 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.</p>					
<b>12. Supplemental Data:</b>					
A. Design Data (Estimates)					
(1) Status					
(a) Date Design Started				Dec 15	
(b) Percent Complete as of January 2016				35%	
(c) Date Design 35% Complete				Jan 16	
(d) Date Design 100% Complete				Oct 17	
(e) Parametric Cost Estimates Used to Develop Costs				Yes	

1. Component <b>USSOCOM</b>		<b>FY2017 MILITARY CONSTRUCTION PROJECT DATA</b>		2. Date <b>FEB 2016</b>	
3. Installation and Location/UIC: <b>NAVAL BASE CORONADO, CALIFORNIA</b>			4. Project Title <b>SOF SEAL TEAM OPS FACILITY</b>		
5. Program Element <b>1140494BB</b>		6. Category Code <b>144</b>	7. Project Number <b>P-890</b>	8. Project Cost (\$000) <b>47,290</b>	
(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				1,731	
(b) All Other Design Costs				1,154	
(c) Total Cost (a + b or d + e)				2,885	
(d) Contract Cost				1,731	
(e) In-House Cost				1,154	
(4) Construction Contract Award Date				Jun 17	
(5) Construction Start Date				Jan 18	
(6) Construction Completion Date				Jan 20	
B. Equipment Associated With This Project Which Will be Provided From Other Appropriations:					
<u>Equipment Nomenclature</u>	<u>Procuring Appropriation</u>	<u>FY Appropriated or Requested</u>	<u>Cost (\$000)</u>		
Collateral Equipment	O&M, D-W	2018	2,664		
C4I Equipment	O&M, D-W	2018	1,866		
Collateral Equipment	PROC, D-W	2018	719		
C4I Equipment	PROC, D-W	2018	819		
Naval Special Warfare Command Telephone: (619) 437-9075					

1. Component <b>USSOCOM</b>		<b>FY2017 MILITARY CONSTRUCTION PROJECT DATA</b>		2. Date <b>FEB 2016</b>	
3. Installation and Location/UIC: <b>NAVAL BASE CORONADO, CALIFORNIA</b>			4. Project Title <b>SOF SPECIAL RECON TEAM ONE OPERATIONS FACILITY</b>		
5. Program Element <b>1140494BB</b>		6. Category Code <b>144</b>	7. Project Number <b>P-919</b>	8. Project Cost (\$000) <b>20,949</b>	

**9. COST ESTIMATES**

Item	U/M	Quantity	Unit Cost	Cost (\$000)
<b>PRIMARY FACILITY</b>				13,987
SRT ONE OPS FACILITY (CC 143-41) (40,000 SF)	SM	3,716	3,087	(11,471)
ANTI-TERRORISM/FORCE PROTECTION	LS	--	--	(726)
BUILT-IN EQUIPMENT	LS	--	--	(639)
SPECIAL COSTS	LS	--	--	(492)
OPERATION AND MAINTENANCE SUPP INFO (OMSI)	LS	--	--	(167)
SUSTAINABLE DESIGN AND DEVELOPMENT AND ENERGY POLICY ACT 2005 COMPLIANCE	LS	--	--	(492)
<b>SUPPORTING FACILITIES</b>				4,232
MECHANICAL UTILITIES	LS	--	--	(688)
PAVING AND SITE IMPROVEMENTS	LS	--	--	(812)
SITE PREPARATIONS	LS	--	--	(1,082)
ELECTRICAL UTILITIES	LS	--	--	(1,278)
SPECIAL FOUNDATION FEATURES	LS	--	--	(372)
				----
ESTIMATED CONTRACT COST				18,219
CONTINGENCY (5%)				911
				----
SUBTOTAL				19,130
SUPERVISION, INSPECTION AND OVERHEAD (5.7%)				1,090
				----
SUBTOTAL				20,220
DESIGN BUILD DESIGN COST (4%)				729
				----
TOTAL REQUEST				20,949
TOTAL REQUEST (ROUNDED)				20,949
EQUIPMENT FROM OTHER APPROPRIATIONS (NON ADD)				(2,639)

**10. Description of Proposed Construction:** Constructs a 3,716 SM (40,000 SF) facility to support Naval Special Warfare (NSW) Group TEN Special Reconnaissance Team ONE (SRT-1) operations. Facility will support a variety of functions including operational gear storage, applied instruction, administrative and unmanned aerial vehicle storage and maintenance. 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. Air conditioning: 281 kW (80 tons).

**11. Requirement:** 3,716 SM (40,000 SF) Adequate: 0 SM Substandard: 1,394 SM (15,000 SF)

**PROJECT:** Constructs a 3,716 SM (40,000 SF) facility to support NSW Group TEN SRT-1 operations.

**REQUIREMENT:** SRT-1 is responsible to provide Intelligence, Surveillance and Reconnaissance (ISR) support to NSW Group TEN and its subordinate commands in order to directly support NSW operations and training at home and forward deployments. NSW Group TEN is responsible to man,



1. Component <b>USSOCOM</b>		<b>FY2017 MILITARY CONSTRUCTION PROJECT DATA</b>		2. Date <b>FEB 2016</b>	
3. Installation and Location/UIC: <b>NAVAL BASE CORONADO, CALIFORNIA</b>			4. Project Title <b>SOF SPECIAL RECON TEAM ONE OPERATIONS FACILITY</b>		
5. Program Element <b>1140494BB</b>		6. Category Code <b>144</b>	7. Project Number <b>P-919</b>	8. Project Cost (\$000) <b>20,949</b>	

train, equip, deploy and sustain specialized ISR and preparation of the environment capabilities. **CURRENT SITUATION:** SRT-1 Unmanned Aerial Vehicle operations are currently accommodated in a portion of Building 603 that is approximately 15K SF on the ocean side of Naval Amphibious Base (NAB) Coronado that only meets 38% of the requirement. CONEX boxes and MILVANs support operational gear storage. Building 603 was constructed in 1970 and utility and electrical systems are failing. Communications infrastructure does not support modern data and information systems. Project is integral to the phased capital improvements plan at NAB Coronado. Building 603 will eventually be demolished by FY18 P-1014 SOF Basic Training Command #2. However, limited real estate at NAB Coronado will require utilization of Building 603 by the NSW Center Basic Training Command for two years until a new Basic Training Command is constructed.

**IMPACT IF NOT PROVIDED:** If this project is not provided, SRT-1 will continue to utilize obsolete, undersized, and poorly configured facilities. Gear and equipment that should be stored in a climate controlled environment will continue to be stored in MILVANS and CONEX boxes, degrading equipment more rapidly and increasing lifecycle replacement costs. These undersized and temporary facilities were not designed to meet SRT-1 mission requirements and impede day-to-day operations and mission planning. Organizational effectiveness, operational efficiency and quality of life will continue to be compromised.

**ADDITIONAL:** No life cycle costs have been calculated at this time. Sustainable engineering principles will be integrated into the design, development, and construction of the project in accordance with Executive Order 13423, Title 10 United States Code (U.S.C.) 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. Flood vulnerability determination for NSW Command projects has been accomplished by Naval Base Coronado and is part of the project planning process.

**JOINT USE CERTIFICATION:** N/A. USSOCOM budgets only for those facilities specifically for SOF use. Common support facilities are budgeted by the military departments. Reference Title 10, Section 165.

**12. Supplemental Data:**

A. Design Data (Estimates)

(1) Status

- |   |              |
|---|--------------|
| (a) Date Design Started                             | Dec 15       |
| (b) Percent Complete as of January 2016             | 35%          |
| (c) Date Design 35% Complete                        | Jan 16       |
| (d) Date Design 100% Complete                       | Oct 17       |
| (e) Parametric Cost Estimates Used to Develop Costs | Yes          |
| (f) Type of Design Contract                         | Design Build |
| (g) Energy Study and Life Cycle Analysis Performed  | No           |

(2) Basis

1. Component <b>USSOCOM</b>		<b>FY2017 MILITARY CONSTRUCTION PROJECT DATA</b>		2. Date <b>FEB 2016</b>	
3. Installation and Location/UIC: <b>NAVAL BASE CORONADO, CALIFORNIA</b>			4. Project Title <b>SOF SPECIAL RECON TEAM ONE OPERATIONS FACILITY</b>		
5. Program Element <b>1140494BB</b>		6. Category Code <b>144</b>	7. Project Number <b>P-919</b>	8. Project Cost (\$000) <b>20,949</b>	
(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				770	
(b) All Other Design Costs				508	
(c) Total Cost (a + b or d + e)				1,278	
(d) Contract Cost				770	
(e) In-House Cost				508	
(4) Construction Contract Award Date				Jun 17	
(5) Construction Start Date				Jan 18	
(6) Construction Completion Date				Jan 20	
B. Equipment Associated With This Project Which Will be Provided From Other Appropriations:					
<u>Equipment</u>	<u>Procuring</u>	<u>FY Appropriated</u>	<u>Cost</u>		
<u>Nomenclature</u>	<u>Appropriation</u>	<u>or Requested</u>	<u>(\$000)</u>		
Collateral Equipment	O&M, D-W	2018	1,113		
C4I Equipment	O&M, D-W	2018	759		
Collateral Equipment	PROC, D-W	2018	405		
C4I Equipment	PROC, D-W	2018	362		
Naval Special Warfare Command Telephone: (619) 437-9075					

1. Component <b>USSOCOM</b>		<b>FY2017 MILITARY CONSTRUCTION PROJECT DATA</b>			2. Date <b>FEB 2016</b>		
3. Installation and Location/UIC: <b>NAVAL BASE CORONADO, CALIFORNIA</b>				4. Project Title <b>SOF HUMAN PERFORMANCE TRAINING CENTER</b>			
5. Program Element <b>1140494BB</b>		6. Category Code <b>171</b>	7. Project Number <b>P-952</b>		8. Project Cost (\$000) <b>15,578</b>		
<b>9. COST ESTIMATES</b>							
Item				U/M	Quantity	Unit Cost	Cost (\$000)
<b>PRIMARY FACILITY</b>							11,676
HUMAN PERFORMANCE TRAINING CTR (CC 171-20) (40,000 SF)				SM	3,716	2,753	(10,230)
ANTI-TERRORISM/FORCE PROTECTION				LS	--	--	(639)
BUILT-IN EQUIPMENT				LS	--	--	(197)
SPECIAL COSTS				LS	--	--	(197)
OPERATION AND MAINTENANCE SUPP INFO (OMSI)				LS	--	--	(167)
SUSTAINABLE DESIGN AND DEVELOPMENT AND ENERGY POLICY ACT 2005 COMPLIANCE				LS	--	--	(246)
<b>SUPPORTING FACILITIES</b>							1,872
MECHANICAL UTILITIES				LS	--	--	(295)
PAVING AND SITE IMPROVEMENTS				LS	--	--	(590)
SITE PREPARATIONS				LS	--	--	(345)
ELECTRICAL UTILITIES				LS	--	--	(270)
SPECIAL FOUNDATION FEATURES				LS	--	--	(372)
							----
ESTIMATED CONTRACT COST							13,548
CONTINGENCY (5%)							677
							----
SUBTOTAL							14,225
SUPERVISION, INSPECTION AND OVERHEAD (5.7%)							811
							----
SUBTOTAL							15,036
DESIGN BUILD DESIGN COST (4%)							542
							----
TOTAL REQUEST							15,578
TOTAL REQUEST (ROUNDED)							15,578
EQUIPMENT FROM OTHER APPROPRIATIONS (NON ADD)							(2,428)
<b>10. Description of Proposed Construction:</b> Constructs a 3,716 SM (40,000 SF) Human Performance Training Center to support Naval Special Warfare (NSW) Groups ONE, TEN, ELEVEN and subordinate units. The facility will support special operator injury prevention, rehabilitation, testing and evaluation, strength and conditioning, nutrition, and research and development. 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. Air conditioning: 281 kW (80 tons).							
<b>11. Requirement:</b> 3,716 SM (40,000 SF) <b>Adequate:</b> 0 SM <b>Substandard:</b> 1,394 SM (15,000 SF) <b>PROJECT:</b> Constructs a 3,716 SM (40,000 SF) Human Performance Training Center to support NSW Groups ONE, TEN, ELEVEN and subordinate units. <b>REQUIREMENT:</b> NSW Groups ONE, TEN and ELEVEN are responsible to man, train, equip, deploy and sustain West Coast SEAL Teams to meet the exercise, contingency, and wartime requirements of Regional Combatant Commanders, Theatre Special Operations Commands and							

1. Component <b>USSOCOM</b>		<b>FY2017 MILITARY CONSTRUCTION PROJECT DATA</b>		2. Date <b>FEB 2016</b>	
3. Installation and Location/UIC: <b>NAVAL BASE CORONADO, CALIFORNIA</b>			4. Project Title <b>SOF HUMAN PERFORMANCE TRAINING CENTER</b>		
5. Program Element <b>1140494BB</b>		6. Category Code <b>171</b>	7. Project Number <b>P-952</b>	8. Project Cost (\$000) <b>15,578</b>	

numbered fleets around the world. NSW Groups have a requirement to train personnel and implement a comprehensive Human Performance program that is sustainable. Strength, conditioning, nutrition, rehabilitation, injury prevention, testing, evaluation, research, and development, mental performance, and recovery/regeneration are all parts of the program required to improve and enhance mission readiness.

**CURRENT SITUATION:** The West Coast Human Performance Training Center requirement is being met at two facilities at Naval Amphibious Base (NAB) Coronado; a portion of Building 632 (10,000 SF) and Building 636 (5,000 SF) that meet 38% of the requirement. These facilities lack critical spaces needed to meet full operational capability for an evolving program and human performance testing and evaluation space is very limited. The existing NSW Human Performance Program lacks strength and conditioning, as well as performance testing and evaluation space and has only limited hydrotherapy capability. Lack of specialist support space prevents implementation of a holistic health and wellness program. Project is integral to the phased capital improvements plan at NAB Coronado. Building 636 will be demolished and Building 632 renovated under the proposed Basic Training Command projects to meet Naval Special Warfare Center Headquarters and Basic Training Command requirements.

**IMPACT IF NOT PROVIDED:** Special operators assigned to NSW Groups ONE, TEN and ELEVEN will suffer from extended recovery times, reducing combat readiness. The ability to prevent or reduce injuries to operators will be significantly decreased – impacting career longevity.

**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, Title 10 United States Code (U.S.C.) 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. Flood vulnerability determination for NSW Command projects has been accomplished by Naval Base Coronado and is part of the project planning process.

**JOINT USE CERTIFICATION:** N/A. USSOCOM budgets only for those facilities specifically for SOF use. Common support facilities are budgeted by the military departments. Reference Title 10, Section 165.

**12. Supplemental Data:**

A. Design Data (Estimates)

(1) Status

(a) Date Design Started	Dec 15
(b) Percent Complete as of January 2016	35%
(c) Date Design 35% Complete	Jan 16
(d) Date Design 100% Complete	Oct 17
(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

1. Component <b>USSOCOM</b>		<b>FY2017 MILITARY CONSTRUCTION PROJECT DATA</b>		2. Date <b>FEB 2016</b>	
3. Installation and Location/UIC: <b>NAVAL BASE CORONADO, CALIFORNIA</b>			4. Project Title <b>SOF HUMAN PERFORMANCE TRAINING CENTER</b>		
5. Program Element <b>1140494BB</b>		6. Category Code <b>171</b>	7. Project Number <b>P-952</b>	8. Project Cost (\$000) <b>15,578</b>	

- (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 | 575 |
| (b) All Other Design Cost                 | 268 |
| (c) Total Cost (a + b or d + e)           | 843 |
| (d) Contract Cost                         | 575 |
| (e) In-House Cost                         | 268 |
- (4) Construction Contract Award Date Jun 17
- (5) Construction Start Date Jan 18
- (6) Construction Completion Date Jan 20

**B. Equipment Associated With This Project Which Will be Provided From Other Appropriations:**

<u>Equipment Nomenclature</u>	<u>Procuring Appropriation</u>	<u>FY Appropriated or Requested</u>	<u>Cost (\$000)</u>
Collateral Equipment	O&M, D-W	2018	1,588
C4I Equipment	O&M, D-W	2018	298
Collateral Equipment	PROC, D-W	2018	394
C4I Equipment	PROC, D-W	2018	148

Naval Special Warfare Command  
Telephone: (619) 437-9075

1. Component <b>USSOCOM</b>		<b>FY2017 MILITARY CONSTRUCTION PROJECT DATA</b>			2. Date <b>FEB 2016</b>		
3. Installation and Location/UIC: <b>NAVAL BASE CORONADO, CALIFORNIA</b>				4. Project Title <b>SOF TRADET ONE OPERATIONS FACILITY</b>			
5. Program Element <b>1140494BB</b>		6. Category Code <b>171</b>	7. Project Number <b>P-966</b>		8. Project Cost (\$000) <b>44,305</b>		
<b>9. COST ESTIMATES</b>							
Item				U/M	Quantity	Unit Cost	Cost (\$000)
<b>PRIMARY FACILITY</b>							30,951
TRADET ONE OPS FACILITY (CC 171-20) (65,000 SF)				SM	6,039	2,950	(17,815)
COMBAT TRAINING TANK COMPLEX (CC 179-55) (25,000 SF)				SM	2,323	3,738	(8,683)
ANTI-TERRORISM/FORCE PROTECTION				LS	--	--	(545)
BUILT-IN EQUIPMENT				LS	--	--	(1,534)
SPECIAL COSTS				LS	--	--	(1,047)
OPERATION AND MAINTENANCE SUPP INFO (OMSI)				LS	--	--	(590)
SUSTAINABLE DESIGN AND DEVELOPMENT AND ENERGY POLICY ACT 2005 COMPLIANCE				LS	--	--	(737)
<b>SUPPORTING FACILITIES</b>							7,580
MECHANICAL UTILITIES				LS	--	--	(1,328)
PAVING AND SITE IMPROVEMENTS				LS	--	--	(2,222)
SITE PREPARATIONS				LS	--	--	(1,376)
ELECTRICAL UTILITIES				LS	--	--	(688)
SPECIAL FOUNDATION FEATURES				LS	--	--	(1,966)
							----
ESTIMATED CONTRACT COST							38,531
CONTINGENCY (5%)							1,927
							----
SUBTOTAL							40,458
SUPERVISION, INSPECTION AND OVERHEAD (5.7%)							2,306
							----
SUBTOTAL							42,764
DESIGN BUILD DESIGN COST (4%)							1,541
							----
TOTAL REQUEST							44,305
TOTAL REQUEST (ROUNDED)							44,305
EQUIPMENT FROM OTHER APPROPRIATIONS (NON ADD)							(5,794)
<b>10. Description of Proposed Construction:</b> Constructs a 6,039 SM (65,000 SF) facility to support Naval Special Warfare Group ONE (NSWG-1) Training Detachment (TRADET) ONE operations and training. Project also includes a 2,323 SM (25,000 SF) Combat Training Tank Complex. Facilities will support a variety of functions including operational gear storage, applied instruction, administrative, and includes interior and exterior operational load out areas. A synthetic turf test and evaluation field and a combat scenario obstacle course are also included. 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. Air conditioning: 633 kW (180 tons).							
<b>11. Requirement:</b> 8,362 SM (90,000 SF) <b>Adequate:</b> 0 SM <b>Substandard:</b> 3,205 SM (34,500 SF) <b>PROJECT:</b> Constructs a 6,039 SM (65,000 SF) TRADET ONE Operations Facility and a 2,323 SM (25,000 SF) Combat Training Tank complex to support TRADET ONE operations and							

1. Component <b>USSOCOM</b>		<b>FY2017 MILITARY CONSTRUCTION PROJECT DATA</b>		2. Date <b>FEB 2016</b>	
3. Installation and Location/UIC: <b>NAVAL BASE CORONADO, CALIFORNIA</b>			4. Project Title <b>SOF TRADET ONE OPERATIONS FACILITY</b>		
5. Program Element <b>1140494BB</b>		6. Category Code <b>171</b>	7. Project Number <b>P-966</b>	8. Project Cost (\$000) <b>44,305</b>	
<p>training.</p> <p><b>REQUIREMENT:</b> NSW Group ONE is responsible to man, train, equip, deploy and sustain 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. TRADET ONE provides Unit Level Training (ULT) focused on Land Warfare, Assaults, Mobility, Maritime Operations, Combat Techniques, and Combat Swimming to operators and technicians assigned to NSWG-1.</p> <p><b>CURRENT SITUATION:</b> TRADET ONE is currently accommodated in Building 632 (35K SF) on the ocean side of Naval Amphibious Base Coronado that meets 54% of the operational requirement. CONEX boxes and MILVANs support operational gear storage. Limited operational load out spaces in the interior and exterior of B-632 increases deployment preparation time and hinders training load-outs and day-to-day operations. TRADET lacks a dedicated Combat Training Tank and must share with the NSW Center Basic Underwater Demolition SEAL (BUD/S) Training Program, extending the length of Unit Level Training (ULT) evolutions. Project is integral to the phased capital improvements plan at NAB Coronado. Building 632 will be renovated by FY18 P-1014 SOF Basic Training Command #2 to meet NSW Center and Basic Training Command requirements.</p> <p><b>IMPACT IF NOT PROVIDED:</b> If this project is not provided, TRADET ONE will continue to utilize obsolete, undersized and poorly configured facilities. Gear and equipment that should be stored in a climate controlled environment will continue to be stored in CONEX boxes and MILVANS, degrading equipment more rapidly and increasing lifecycle replacement costs. Due to lack of a dedicated combat training tank, Combat Swimmer ULT must compete with BUD/S program for use of the training tank, extending the length of ULT training evolutions. Organizational effectiveness, operational efficiency and quality of life will continue to be compromised.</p> <p><b>ADDITIONAL:</b> 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, Title 10 United States Code (U.S.C.) 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. Flood vulnerability determination for NSW Command projects has been accomplished by Naval Base Coronado and is part of the project planning process.</p> <p><b>JOINT USE CERTIFICATION:</b> 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.</p>					
<p><b>12. Supplemental Data:</b></p> <p>A. Design Data (Estimates)</p> <p>(1) Status</p> <p>(a) Date Design Started</p> <p style="text-align: right;">Dec 15</p>					

1. Component <b>USSOCOM</b>		<b>FY2017 MILITARY CONSTRUCTION PROJECT DATA</b>		2. Date <b>FEB 2016</b>	
3. Installation and Location/UIC: <b>NAVAL BASE CORONADO, CALIFORNIA</b>			4. Project Title <b>SOF TRADET ONE OPERATIONS FACILITY</b>		
5. Program Element <b>1140494BB</b>		6. Category Code <b>171</b>	7. Project Number <b>P-966</b>	8. Project Cost (\$000) <b>44,305</b>	
(b) Percent Complete as of January 2016				35%	
(c) Date Design 35% Complete				Jan 16	
(d) Date Design 100% Complete				Oct 17	
(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				1,703	
(b) All Other Design Costs				1,000	
(c) Total Cost (a + b or d + e)				2,703	
(d) Contract Cost				1,703	
(e) In-House Cost				1,000	
(4) Construction Contract Award Date				Jun 17	
(5) Construction Start Date				Jan 18	
(6) Construction Completion Date				Jan 20	
B. Equipment Associated With This Project Which Will be Provided From Other Appropriations:					
<u>Equipment</u>	<u>Procuring</u>	<u>FY Appropriated</u>	<u>Cost</u>		
<u>Nomenclature</u>	<u>Appropriation</u>	<u>or Requested</u>	<u>(\$000)</u>		
Collateral Equipment	O&M, D-W	2018	3,177		
C4I Equipment	O&M, D-W	2018	1,191		
Collateral Equipment	PROC, D-W	2018	834		
C4I Equipment	PROC, D-W	2018	592		
Naval Special Warfare Command Telephone: (619) 437-9075					



1. COMPONENT <b>USSOCOM</b>		<b>FY 2017 MILITARY CONSTRUCTION PROGRAM</b>					2. DATE <b>FEB 2016</b>			
3. INSTALLATION AND LOCATION <b>FORT BENNING, GEORGIA</b>			4. COMMAND <b>U.S. ARMY SPECIAL OPERATIONS COMMAND</b>			5. AREA CONSTRUCTION COST INDEX <b>1.05</b>				
6. PERSONNEL STRENGTH		PERMANENT		STUDENTS			SUPPORTED			
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF SEP 15	141	1,132	39	0	0	0	0	0	0	1,312
B. END FY 21	143	1,158	40	0	0	0	0	0	0	1,341
7. INVENTORY DATA (\$000)										
A. TOTAL AREA (ACRES)										181,373
B. INVENTORY TOTAL AS OF SEP 15										90,800
C. AUTHORIZATION NOT YET IN INVENTORY (FY 13-16)										0
D. AUTHORIZATION REQUESTED IN THIS PROGRAM (FY 17)										4,820
E. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM (FY 18)										0
F. PLANNED IN NEXT THREE YEARS (FY 19-21)										4,465
G. REMAINING DEFICIENCY										3,111
H. GRAND TOTAL										118,534
8. PROJECTS REQUESTED IN THIS PROGRAM:										
CATEGORY CODE	PROJECT TITLE				SCOPE	COST (\$000)	DESIGN STATUS			
							START	COMPLETE		
211	SOF TACTICAL UNMANNED AERIAL VEHICLE HANGAR				1,111 SM (12,000 SF)	4,820	02/15	09/16		
9. FUTURE PROJECTS										
CATEGORY CODE	PROJECT TITLE				SCOPE	COST (\$000)				
a. Included in Following Program (FY 18)	None									
b. Planned Next Three Years (FY19-21):	141				SOF RSTA OPERATIONS FACILITY	1,394 SM (15,000 SF)		4,465		
c. RPM Backlog: N/A.										
10. MISSION OR MAJOR FUNCTION										
Support and training of U.S. Army Infantry Center and School, major combat and combat support forces, Martin Army Medical Center, 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 <b>USSOCOM</b>		<b>FY2017 MILITARY CONSTRUCTION PROJECT DATA</b>			2. Date <b>FEB 2016</b>	
3. Installation and Location/UIC: <b>FORT BENNING, GEORGIA</b>			4. Project Title <b>SOF TACTICAL UNMANNED AERIAL VEHICLE HANGAR</b>			
5. Program Element <b>1140494BB</b>		6. Category Code <b>211</b>	7. Project Number <b>61065</b>		8. Project Cost (\$000) <b>4,820</b>	
<b>9. COST ESTIMATES</b>						
Item		U/M	Quantity	Unit Cost	Cost (\$000)	
<b>PRIMARY FACILITY</b>					3,282	
TACTICAL UAV MAINT FACILITY (CC 21115)( 11,600 SF)		SM	1,077	2,293	(2,470)	
OIL STORAGE BUILDING (CC 21470)(360 SF)		SM	34	1,882	(64)	
BUILDING INFORMATION SYSTEMS		LS	--	--	(516)	
SUSTAINABLE DESIGN AND DEVELOPMENT AND ENERGY POLICY ACT 2005 COMPLIANCE		LS	--	--	(232)	
<b>SUPPORTING FACILITIES</b>					1,061	
ELECTRICAL/MECHANICAL UTILITIES		LS	--	--	(435)	
SITE IMPROVEMENT/DEMOLITION		LS	--	--	(429)	
INFORMATION SYSTEMS		LS	--	--	(123)	
PASSIVE FORCE PROTECTION MEASURES		LS	--	--	(74)	
SUBTOTAL					4,343	
CONTINGENCY (5.0%)					217	
TOTAL CONTRACT COST					4,560	
SUPERVISION, INSPECTION AND OVERHEAD (5.7%)					260	
TOTAL REQUEST					4,820	
TOTAL REQUEST (ROUNDED)					4,820	
EQUIPMENT PROVIDED FROM OTHER APPROPRIATIONS					(921)	
<p><b>10. Description of Proposed Construction:</b> Construct a Tactical Unmanned Aerial Vehicle (TUAV) facility to include maintenance bays, meeting room/classroom, latrines with showers, administrative areas, break room, oil storage, and HAZMAT storage. Built-in building systems include fire alarm/mass notification, fire suppression, energy management control, telephone, advanced unclassified and classified communications networks, cable television, intrusion detection, closed circuit surveillance and electronic access control systems, and a protected distribution system. Supporting facilities include site preparation, utilities (electrical, water, sanitary sewer, natural gas, chilled water, and information systems), lighting, vehicle parking, access drives, pavements, roads, curb and gutter, sidewalks, storm drainage, landscaping, demolition, 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)</p>						
<p><b>11. Requirement:</b> 1,111 SM (12,000 SF)      <b>Adequate:</b> 0 SM      <b>Substandard:</b> 560 SM (6,000 SF)  <b>PROJECT:</b> Construct new hangar and maintenance facility for the 3rd Battalion, 75th Ranger Regiment.  <b>REQUIREMENT:</b> Provide an adequate facility for the storage, maintenance, classroom, operations, and training requirements of the new TUAV platoon. The 3rd Battalion, 75th Ranger Regiment conducts its missions and activities throughout the full range of military operations and in</p>						

1. Component <b>USSOCOM</b>		<b>FY2017 MILITARY CONSTRUCTION PROJECT DATA</b>		2. Date <b>FEB 2016</b>	
3. Installation and Location/UIC: <b>FORT BENNING, GEORGIA</b>			4. Project Title <b>SOF TACTICAL UNMANNED AERIAL VEHICLE HANGAR</b>		
5. Program Element <b>1140494BB</b>		6. Category Code <b>211</b>	7. Project Number <b>61065</b>	8. Project Cost (\$000) <b>4,820</b>	
<p>all environments. The unit provides the Secretary of Defense and theater Combatant Commander's a means to resolve crises, achieve U.S. Objectives and pursue U.S. strategic goals. The facilities will support the continual training and deployment of forces into real world and exercise environments, fighting both conventional and unconventional war scenarios.</p> <p><u>CURRENT SITUATION:</u> This is a new requirement and no adequate facilities are available at Fort Benning to meet the requirement. Operations are conducted from a temporary trailer facility.</p> <p><u>IMPACT IF NOT PROVIDED:</u> If this project is not provided, the new TUAV Platoon will operate from an undersized trailer facility with no space for TUAV maintenance. Space for the platoon headquarters, mission planning, training, and storage will not be available.</p> <p><u>ADDITIONAL:</u> 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; Installation Architectural Compatibility Plan; Unified Facilities Criteria (UFC) 3-600-01, Design Fire Protection for Facilities; Americans with Disabilities Act, Accessibility Guidelines conforming to Architectural Barriers Act, and consistent with 29 United States Code (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. The project site flood vulnerability determination has been accomplished by the installation and will be part of the project planning process.</p> <p><u>JOINT USE CERTIFICATION:</u> 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.</p>					
<b>12. Supplemental Data:</b>					
A. Design Data (Estimates)					
(1) Status					
(a) Date Design Started				Feb 15	
(b) Percent Complete as of January 2016				10%	
(c) Date Design 35% Complete				May 16	
(d) Date Design 100% Complete				Sep 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	
(b) Where Design Was Previously Used				Fort Bragg, NC	

1. Component <b>USSOCOM</b>		<b>FY2017 MILITARY CONSTRUCTION PROJECT DATA</b>		2. Date <b>FEB 2016</b>																					
3. Installation and Location/UIC: <b>FORT BENNING, GEORGIA</b>			4. Project Title <b>SOF TACTICAL UNMANNED AERIAL VEHICLE HANGAR</b>																						
5. Program Element <b>1140494BB</b>		6. Category Code <b>211</b>	7. Project Number <b>61065</b>	8. Project Cost (\$000) <b>4,820</b>																					
<p>(3) Total Design Cost (\$000)</p> <p>(a) Production of Plans and Specifications 294</p> <p>(b) All Other Design Costs 248</p> <p>(c) Total Cost (a + b or d + e) 542</p> <p>(d) Contract Cost 100</p> <p>(e) In-House Cost 442</p> <p>(4) Construction Contract Award Date Mar 17</p> <p>(5) Construction Start Date May 17</p> <p>(6) Construction Completion Date Jun 18</p> <p>B. Equipment Associated With This Project Which Will be Provided From Other Appropriations:</p> <table border="1"> <thead> <tr> <th><u>Equipment Nomenclature</u></th> <th><u>Procuring Appropriation</u></th> <th><u>FY Appropriated or Requested</u></th> <th><u>Cost (\$000)</u></th> </tr> </thead> <tbody> <tr> <td>Collateral Equipment</td> <td>O&amp;M, D-W</td> <td>2018</td> <td>393</td> </tr> <tr> <td>Collateral Equipment</td> <td>PROC,D-W</td> <td>2018</td> <td>292</td> </tr> <tr> <td>C4I Equipment</td> <td>O&amp;M, D-W</td> <td>2018</td> <td>88</td> </tr> <tr> <td>C4I Equipment</td> <td>PROC, D-W</td> <td>2018</td> <td>148</td> </tr> </tbody> </table> <p>United States Army Special Operations Command Telephone: (910) 432-1296</p>						<u>Equipment Nomenclature</u>	<u>Procuring Appropriation</u>	<u>FY Appropriated or Requested</u>	<u>Cost (\$000)</u>	Collateral Equipment	O&M, D-W	2018	393	Collateral Equipment	PROC,D-W	2018	292	C4I Equipment	O&M, D-W	2018	88	C4I Equipment	PROC, D-W	2018	148
<u>Equipment Nomenclature</u>	<u>Procuring Appropriation</u>	<u>FY Appropriated or Requested</u>	<u>Cost (\$000)</u>																						
Collateral Equipment	O&M, D-W	2018	393																						
Collateral Equipment	PROC,D-W	2018	292																						
C4I Equipment	O&M, D-W	2018	88																						
C4I Equipment	PROC, D-W	2018	148																						

1. COMPONENT <b>USSOCOM</b>		<b>FY 2017 MILITARY CONSTRUCTION PROGRAM</b>					2. DATE <b>FEB 2016</b>			
3. INSTALLATION AND LOCATION <b>FORT BRAGG, NC</b>			4. COMMAND <b>JOINT SPECIAL OPERATIONS COMMAND</b>			5. AREA CONSTRUCTION COST INDEX <b>0.88</b>				
6. PERSONNEL STRENGTH		PERMANENT			STUDENTS			SUPPORTED		
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF SEP 15	329	700	649	0	0	0	0	0	0	1,678
B. END FY 21	326	703	649	0	0	0	0	0	0	1,678
7. INVENTORY DATA (\$000)										
A. TOTAL AREA (ACRES)										399
B. INVENTORY TOTAL AS OF SEP 15										302,107
C. AUTHORIZATION NOT YET IN INVENTORY (FY 14-16)										52,190
D. AUTHORIZATION REQUESTED IN THIS PROGRAM (FY 17)										30,670
E. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM (FY18)										3,925
F. PLANNED IN NEXT THREE YEARS (FY 19-21)										40,124
G. REMAINING DEFICIENCY										34,200
H. GRAND TOTAL										463,216
8. PROJECTS REQUESTED IN THIS PROGRAM:										
CATEGORY CODE	PROJECT TITLE				SCOPE	COST (\$000)	DESIGN STATUS			
141	SOF SPECIAL TACTICS FACILITY, (PH 3)				10,245 SM (110,360SF)	30,670	START	COMPLETE		
							8/15	8/16		
9. FUTURE PROJECTS										
CATEGORY CODE	PROJECT TITLE				SCOPE	COST (\$000)	DESIGN STATUS			
a. Included in Following Program (FY18):										
390	SOF TELECOMMUNICATIONS RELIABILITY IMPROVEMENTS					366 M (1,200 LF)			3,925	
b. Planned Next Three Years (FY 19-21):										
140	SOF MILITARY WORKING DOG FACILITY					1,115 SM (12,000 SF)			4,634	
140	SOF OPERATIONS FACILITY					650 SM (7,000 SF)			3,472	
144	SOF OPERATIONS SUPPORT BLDG					2,800 SM (30,100 SF)			12,898	
171	SOF CLOSE QUARTERS COMBAT RANGE					2,973 SM (32,000 SF)			7,025	
177	SOF REPLACE MAZE AND TOWER					855 SM (9,200 SF)			12,095	
c. RPM Backlog: N/A										
10. MISSION OR MAJOR FUNCTION										
The Joint Special Operations Command is a joint headquarters designed to study special operations requirements and techniques; ensure operability and equipment standardization; plan and conduct special operations exercises and training; and develop joint special operations tactics. Fort Bragg Installation's mission is supporting and training of 18th Airborne Corps, major combat and combat support forces, special operations forces, reserve component training, and other tenant and satellite activities and units.										
11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES										
N/A										

1. Component <b>USSOCOM</b>		<b>FY2017 MILITARY CONSTRUCTION PROJECT DATA</b>			2. Date <b>FEB 2016</b>	
3. Installation and Location/UIC: <b>FORT BRAGG, NORTH CAROLINA</b>				4. Project Title <b>SOE SPECIAL TACTICS FACILITY (PH 3)</b>		
5. Program Element <b>1140415BB</b>		6. Category Code <b>141</b>	7. Project Number <b>76514</b>	8. Project Cost (\$000) <b>30,670</b>		
<b>9. COST ESTIMATES</b>						
Item		U/M	Quantity	Unit Cost	Cost (\$000)	
<b>PRIMARY FACILITIES</b>					23,138	
TEAM 1 BUILDING (CC 14185) (25,900 SF)		SM	2,402	2,366	(5,683)	
TEAM 2 BUILDING (CC 14185) (29,300 SF)		SM	2,717	2,872	(7,803)	
ISU STORAGE BUILDING (CC 44220) (9,860 SF)		SM	916	1,443	(1,322)	
CST MAINTENANCE /EQUIP BARN/COVERED PARKING (CC 21885) (45,300 SF)		SM	4,210	1,740	(7,325)	
BLDG INFORMATION SYSTEMS		LS	--	--	(445)	
SUSTAINABLE DESIGN AND DEVELOPMENT AND ENERGY POLICY ACT 2005 COMPLIANCE		LS	--	--	(462)	
EMCS CONNECTIONS		LS	--	--	(98)	
<b>SUPPORTING FACILITIES</b>					4,496	
ELECTRICAL SERVICE		LS	--	--	(460)	
WATER AND SEWER SERVICES		LS	--	--	(625)	
PAVING, WALKS, CURBS, & GUTTERS		LS	--	--	(946)	
STORM DRAINAGE		LS	--	--	(614)	
SITE IMPROVEMENTS (1,757) DEMO (0)		LS	--	--	(1,728)	
INFORMATION SYSTEMS		LS	--	--	(123)	
SUBTOTAL					27,634	
CONTINGENCY (5.0%)					1,382	
SUBTOTAL					29,016	
SUPERVISION, INSPECTION AND OVERHEAD (5.7%)					1,654	
TOTAL REQUEST					30,670	
TOTAL REQUEST (ROUNDED)					30,670	
EQUIPMENT PROVIDED FROM OTHER APPROPRIATIONS					(789)	
<b>10. Description of Proposed Construction:</b> Construct a new two-story team building of approximately 2,402 SM (25,900 SF), one-story team building of approximately 2,717 SM (29,300 SF), a one-story Individual Storage Unit (ISU) building of approximately 916 SM (9,860 SF), a one-story Combat Support Team (CST) maintenance facility/equipment barn of approximately 2,868 SM (32,900 SF) and a covered parking facility of approximately 1,085 SM (12,400 SF) to serve as the teams' operations and training facilities, ISU storage facility, combat support training maintenance and storage, and covered parking respectively. The Team 1 building functional areas include radio/computers and weapons storage, team offices, Cadre Suite Management Center, classroom, combative room, vehicle bays, cages, conferences room, communications, latrines, security systems and electrical/mechanical spaces. The Team 2 building functional areas include operations suites, Tactical Operations Center, conference room, latrines, communications and electrical spaces, mechanical rooms, security system and storage areas. The ISU storage includes storage, cage storage drive through loading area and cargo build area. The CST maintenance/equipment barn						

1. Component USSOCOM	<b>FY2017 MILITARY CONSTRUCTION PROJECT DATA</b>			2. Date FEB 2016
3. Installation and Location/UIC: FORT BRAGG, NORTH CAROLINA			4. Project Title SOF SPECIAL TACTICS FACILITY (PH 3)	
5. Program Element 1140415BB	6. Category Code 141	7. Project Number 76514	8. Project Cost (\$000) 30,670	
<p>functional areas include boat and vehicle maintenance areas, offices, tire storage, fabrication shop, equipment barn with work areas, conference room, latrines, communication and electrical spaces, mechanical rooms, and storage areas. The covered parking facility includes parking for Humvees, utility vehicles, bikes, trailers and other operational support vehicles. Support facilities include water, sanitary sewer, storm drainage, parking lots with access driveways, walks, curbs, electrical and communications systems, exterior lighting and landscaping. Electric services include conditioned (isolated, filtered and regulated) power to service computers and computer based communications equipment. Protected wire distribution system will be provided to building from a manhole to the site. Anti-terrorism/force protection measures and sustainment mandates will be incorporated.</p>				
<p><b>11. Requirement:</b> 10,245 SM (110,360 SF)      <b>Adequate:</b> 0 SM      <b>Substandard:</b> 0 SM  <b>PROJECT:</b> Construct two team buildings, ISU Storage, CST maintenance/equipment barn and covered parking (deficit solution).  <b>REQUIREMENT:</b> Provide adequate permanent facilities to support existing space deficiencies and to consolidate operational teams with support functions at the same location. Deficiency was caused by growth that started in FY07. The project is required to house support/operational personnel sustaining the Special Tactics (ST) and its highly sensitive positions conducting current/future missions.  <b>CURRENT SITUATION:</b> 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 organizations HQ/Support infrastructure.  <b>IMPACT IF NOT PROVIDED:</b> 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.  <b>ADDITIONAL:</b> This project is subject to all applicable provisions of the Fort Bragg Installation Design Guide. The host installation has reviewed the flood vulnerability for this project and has determined it to be very low risk; project site is not within the 100-year floodplain. Site planning and improvements will preserve as much natural vegetation as possible and include additional flood vulnerability assessment. 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 United States Code (U.S.C.) 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.  <b>JOINT USE CERTIFICATION:</b> 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.</p>				

1. Component USSOCOM		<b>FY2017 MILITARY CONSTRUCTION PROJECT DATA</b>		2. Date FEB 2016									
3. Installation and Location/UIC: FORT BRAGG, NORTH CAROLINA			4. Project Title SOF SPECIAL TACTICS FACILITY (PH 3)										
5. Program Element 1140415BB		6. Category Code 141	7. Project Number 76514	8. Project Cost (\$000) 30,670									
<b>12. Supplemental Data:</b> <b>A. Design Data (Estimates)</b> (1) Status (a) Date Design Started Aug 15 (b) Percent Complete as of January 2016 35% (c) Date Design 35% Complete Jan 16 (d) Date Design 100% Complete Aug 16 (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 2,200 (b) All Other Design Costs 1,200 (c) Total Cost (a + b or d + e) 3,400 (d) Contract Cost 2,200 (e) In-House Cost 1,200 (4) Construction Contract Award Date Mar 17 (5) Construction Start Date Jun 17 (6) Construction Completion Date Dec 18 <b>B. Equipment Associated With This Project Which Will be Provided From Other Appropriations:</b> <table border="1" style="width: 100%; margin-top: 10px;"> <thead> <tr> <th style="text-align: left;"><u>Equipment Nomenclature</u></th> <th style="text-align: left;"><u>Procuring Appropriation</u></th> <th style="text-align: center;"><u>FY Appropriated or Requested</u></th> <th style="text-align: right;"><u>Cost (\$000)</u></th> </tr> </thead> <tbody> <tr> <td>Collateral Equipment</td> <td>O&amp;M, D-W</td> <td style="text-align: center;">2018</td> <td style="text-align: right;">789</td> </tr> </tbody> </table>						<u>Equipment Nomenclature</u>	<u>Procuring Appropriation</u>	<u>FY Appropriated or Requested</u>	<u>Cost (\$000)</u>	Collateral Equipment	O&M, D-W	2018	789
<u>Equipment Nomenclature</u>	<u>Procuring Appropriation</u>	<u>FY Appropriated or Requested</u>	<u>Cost (\$000)</u>										
Collateral Equipment	O&M, D-W	2018	789										
Joint Special Operations Command Telephone: (910) 243 0550													



1. COMPONENT <b>USSOCOM</b>		<b>FY 2017 MILITARY CONSTRUCTION PROGRAM</b>					2. DATE <b>FEB 2016</b>			
3. INSTALLATION AND LOCATION <b>FORT BRAGG, NORTH CAROLINA</b>			4. COMMAND <b>U.S. ARMY SPECIAL OPERATIONS COMMAND</b>			5. AREA CONSTRUCTION COST INDEX  <b>.88</b>				
6. PERSONNEL STRENGTH		PERMANENT		STUDENTS			SUPPORTED			
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF SEP 15	1,458	6,361	1,586	2,304	11,832	24	0	0	0	23,565
B. END FY 21	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 15										691,331
C. AUTHORIZATION NOT YET IN INVENTORY (FY 13-16)										413,345
D. AUTHORIZATION REQUESTED IN THIS PROGRAM (FY 17)										55,923
E. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM (FY 18)										56,328
F. PLANNED IN NEXT THREE YEARS (FY 19-21)										215,827
G. REMAINING DEFICIENCY										171,239
H. GRAND TOTAL										1,603,993
8. PROJECTS REQUESTED IN THIS PROGRAM:										
CATEGORY	PROJECT TITLE		SCOPE			COST	DESIGN STATUS			
CODE						(\$000)	START	COMPLETE		
171	SOF COMBAT MEDIC TRAINING FACILITY		3,060 SM (32,900 SF)			10,905	11/15	09/17		
218	SOF PARACHUTE RIGGING FACILITY		7,850 SM (84,500 SF)			21,420	11/15	09/17		
214	SOF TACTICAL EQUIPMENT MAINTENANCE FACILITY		8,250 SM (88,800 SF)			23,598	11/15	09/17		
9. FUTURE PROJECTS										
CATEGORY	PROJECT TITLE		SCOPE			COST				
CODE						(\$000)				
a. Included in Following Program (FY18)										
214	SOF VEHICLE MAINTENANCE FACILITY		3,252 SM (35,000 SF)			12,240				
171	SOF HUMAN PERFORMANCE TRAINING FACILITY		3,720 SM (40,000 SF)			15,348				
214	SOF TACTICAL EQUIPMENT MAINTENANCE FACILITY		2,323 SM (25,000 SF)			18,830				
610	SOF SUPPORT BATTALION ADMIN FACILITY		3,412 SM (36,700 SF)			9,910				
b. Planned Next Three Years (FY19-21):										
171	SOF SERE RESISTANCE TRAINING LABORATORY COMPLEX		5,574 SM (60,000 SF)			20,138				
140	SOF RENOVATE H-2639		3,716 SM (40,000 SF)			6,367				
141	SOF BATTALION OPERATIONS FACILITY		11,520 SM (124,000 SF)			40,276				
171	SOF ASSESSMENT AND SELECTION TRAINING COMPLEX		3,323 SM (25,000 SF)			9,825				
171	SOF HUMAN PERFORMANCE TRAINING CENTER		3,716 SM (40,000 SF)			15,229				
171	SOF HUMAN PERFORMANCE TRAINING CENTER		3,716 SM (40,000 SF)			11,509				
141	SOF GROUP HEADQUARTERS		6,410 SM (69,000 SF)			19,843				
141	SOF SUPPLY SUPPORT ACTIVITY		3,252 SM (35,000 SF)			7,937				
171	SOF D3915 RENOVATION BANK HALL		17,385 SM (187,063 SF)			39,494				
141	SOF COMMAND HEADQUARTERS		4,645 SF (50,000 SF)			16,866				
171	SOF HUMAN PERFORMANCE TRAINING CENTER		3,716 SF (40,000 SF)			11,389				
140	SOF ADMIN/COMPANY OPERATIONS		4,645 SM (50,000 SF)			16,799				
c. RPM Backlog: N/A										
10. MISSION OR MAJOR FUNCTION										
Support and training of 18th Airborne Corps (Airborne), major combat and combat support forces, special operations forces, reserve component training, and other tenant and satellite activities and units. Special Operations Forces: organize, train, equip, and validate readiness of special operations forces for world-wide deployment in support of combatant commanders.										
11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES: N/A										

1. Component <b>USSOCOM</b>		<b>FY2017 MILITARY CONSTRUCTION PROJECT DATA</b>			2. Date <b>FEB 2016</b>	
3. Installation and Location/UIC: <b>FORT BRAGG, NORTH CAROLINA</b>				4. Project Title <b>SOF COMBAT MEDIC TRAINING FACILITY</b>		
5. Program Element <b>1140494BB</b>		6. Category Code <b>171</b>	7. Project Number <b>85958</b>		8. Project Cost (\$000) <b>10,905</b>	
<b>9. COST ESTIMATES</b>						
Item		U/M	Quantity	Unit Cost	Cost (\$000)	
<b>PRIMARY FACILITY</b>					7,752	
LABORATORY INSTRUCTIONAL FACILITY(CC17135)(32,900SF)		SM	3,060	2,415	(7,389)	
BUILDING INFORMATION SYSTEMS		LS	--	--	(221)	
SUSTAINABLE DESIGN AND DEVELOPMENT AND ENERGY POLICY ACT 2005 COMPLIANCE		LS	--	--	(142)	
<b>SUPPORTING FACILITIES</b>					1,732	
ELECTRICAL/MECHANICAL UTILITIES		LS	--	--	(636)	
SITE IMPROVEMENTS/DEMOLITION		LS	--	--	(916)	
INFORMATION SYSTEMS		LS	--	--	(106)	
PASSIVE FORCE PROTECTION MEASURES		LS	--	--	(74)	
ESTIMATED CONTRACT COST					9,484	
CONTINGENCY (5.0%)					474	
SUBTOTAL					9,958	
SUPERVISION, INSPECTION AND OVERHEAD (5.7%)					568	
SUBTOTAL					10,526	
DESIGN BUILD DESIGN COST (4.0%)					379	
TOTAL REQUEST					10,905	
TOTAL REQUEST (ROUNDED)					10,905	
EQUIPMENT PROVIDED FROM OTHER APPROPRIATIONS					(1,488)	
<p><b>10. Description of Proposed Construction:</b> Construct a laboratory instructional facility to include classrooms, test center, reference library, administrative area, conference room, break area, supply and storage areas, male and female shower/locker rooms, and elevator. 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 protected distribution. 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, 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 design services are included. The project includes demolition of existing facilities. Conditioning 256 kW (73 tons).</p>						
<p><b>11. Requirement:</b> 3,060 SM (32,900 SF)    <b>Adequate:</b> 0 SM    <b>Substandard:</b> 2,140 SM (23,000 SF)  <b>PROJECT:</b> Construct a Joint Combat Medic Training Facility for the United States Army John F. Kennedy Special Warfare Center and School (USAJFKSWCS).  <b>REQUIREMENT:</b> This project is required to meet growth requirements of US Army Special</p>						

1. Component <b>USSOCOM</b>		<b>FY2017 MILITARY CONSTRUCTION PROJECT DATA</b>		2. Date <b>FEB 2016</b>	
3. Installation and Location/UIC: <b>FORT BRAGG, NORTH CAROLINA</b>			4. Project Title <b>SOF COMBAT MEDIC TRAINING FACILITY</b>		
5. Program Element <b>1140494BB</b>		6. Category Code <b>171</b>	7. Project Number <b>85958</b>	8. Project Cost (\$000) <b>10,905</b>	
<p>Operations Command, Naval Special Warfare Command and Marine Special Operations Command to train Special Operations Combat Medics in Emergency Medical Training and certify in accordance with commercial testing standards. Training requirements include laboratory instructional medical training to support the initial 25 days of a 36 week medic training program, 17 instructors, 8 successive classes of 96 students each for a total of 768 students per year.</p> <p><b>CURRENT SITUATION:</b> The initial Combat Medic Training is taking place in a former dining facility at Pope Army Airfield that limits training to 64 students per class and 512 students annually. Wireless networks are required for training but are not authorized in this facility. Classrooms are undersized causing gurneys and mannequins to be placed in corridors when not in use violating life safety codes. Classrooms are not sized to accommodate the required student load and training aids. Latrine facilities are inadequate.</p> <p><b>IMPACT IF NOT PROVIDED:</b> If this project is not provided, the Special Operations Combat Medic Training courses will continue to turn away soldiers, sailors, and marines due to the lack of space. This decreases the combat effectiveness of deploying units by not having the sufficient lifesaving capability available to treat personnel when unexpected situations arise.</p> <p><b>ADDITIONAL:</b> 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, and consistent with 29 United States Code (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. The project site flood vulnerability determination has been accomplished by the installation and will be part of the project planning process.</p> <p><b>JOINT USE CERTIFICATION:</b> 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.</p>					
<b>12. Supplemental Data:</b>					
A. Design Data (Estimates)					
(1) Status					
(a) Date Design Started				Nov 15	
(b) Percent Complete as of January 2016				10%	
(c) Date Design 35% Complete				May 17	

1. Component <b>USSOCOM</b>		<b>FY2017 MILITARY CONSTRUCTION PROJECT DATA</b>		2. Date <b>FEB 2016</b>	
3. Installation and Location/UIC: <b>FORT BRAGG, NORTH CAROLINA</b>			4. Project Title <b>SOF COMBAT MEDIC TRAINING FACILITY</b>		
5. Program Element <b>1140494BB</b>		6. Category Code <b>171</b>	7. Project Number <b>85958</b>	8. Project Cost (\$000) <b>10,905</b>	
(d) Date Design 100% Complete <span style="float: right;">Sep 17</span> (e) Parametric Estimates Used to Develop Costs <span style="float: right;">Yes</span> (f) Type of Design Contract <span style="float: right;">Design Build</span> (g) Energy Study and Life Cycle Analysis Performed <span style="float: right;">Yes</span> (2) Basis (a) Standard or Definitive Design Used <span style="float: right;">No</span> (b) Where Design Was Previously Used <span style="float: right;">N/A</span> (3) Total Design Cost <span style="float: right;">(\$000)</span> (a) Production of Plans and Specifications <span style="float: right;">450</span> (b) All Other Design Costs <span style="float: right;">212</span> (c) Total Cost (a + b or d + e) <span style="float: right;">662</span> (d) Contract Cost <span style="float: right;">515</span> (e) In-House Cost <span style="float: right;">147</span> (4) Construction Contract Award Date <span style="float: right;">Mar 17</span> (5) Construction Start Date <span style="float: right;">Jul 17</span> (6) Construction Completion Date <span style="float: right;">Jan 19</span> B. Equipment Associated With This Project Which Will be Provided From Other Appropriations:					
<u>Equipment Nomenclature</u>		<u>Procuring Appropriation</u>	<u>FY Appropriated or Requested</u>	<u>Cost (\$000)</u>	
Collateral Equipment		O&M, D-W	2018	890	
C4I Equipment		O&M, D-W	2018	201	
C4I Equipment		PROC, D-W	2018	397	
United States Army Special Operations Command Telephone: (910) 432-1296					

1. Component <b>USSOCOM</b>		<b>FY2017 MILITARY CONSTRUCTION PROJECT DATA</b>			2. Date <b>FEB 2016</b>	
3. Installation and Location/UIC: <b>FORT BRAGG, NORTH CAROLINA</b>			4. Project Title <b>SOF PARACHUTE RIGGING FACILITY</b>			
5. Program Element <b>1140494BB</b>		6. Category Code <b>218</b>	7. Project Number <b>74813</b>		8. Project Cost (\$000) <b>21,420</b>	
<b>9. COST ESTIMATES</b>						
Item		U/M	Quantity	Unit Cost	Cost (\$000)	
<b>PRIMARY FACILITY</b>					15,252	
PARACHUTE RIGGING FACILITY (CC21881)(84,500 SF)		SM	7,850	1,884	(14,789)	
BUILDING INFORMATION SYSTEMS		LS	--	--	(217)	
SUSTAINABLE DESIGN AND DEVELOPMENT AND ENERGY POLICY ACT 2005 COMPLIANCE		LS	--	--	(246)	
<b>SUPPORTING FACILITIES</b>					3,377	
ELECTRICAL/MECHANICAL UTILITIES		LS	--	--	(869)	
SITE IMPROVEMENTS/DEMOLITION		LS	--	--	(2,195)	
INFORMATION SYSTEMS		LS	--	--	(121)	
PASSIVE FORCE PROTECTION MEASURES		LS	--	--	(192)	
ESTIMATED CONTRACT COST					18,629	
CONTINGENCY (5.0%)					931	
SUBTOTAL					19,560	
SUPERVISION, INSPECTION AND OVERHEAD (5.7%)					1,115	
SUBTOTAL					20,675	
DESIGN BUILD DESIGN COST (4.0%)					745	
TOTAL REQUEST					21,420	
TOTAL REQUEST (ROUNDED)					21,420	
EQUIPMENT PROVIDED FROM OTHER APPROPRIATIONS					(2,921)	
<p><b>10. Description of Proposed Construction:</b> Construct a consolidated Parachute Rigging Facility. The project includes parachute drying tower, packing lanes, parachute repair room, supply rooms, storage areas, oxygen systems maintenance room, and a classroom. 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 protected distribution. 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, 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 design services are included. The project includes demolition of existing facilities. Air conditioning: 791kW (225 tons).</p>						
<p><b>11. Requirement:</b> 7,850SM (84,500 SF)    <b>Adequate:</b> 0 SM    <b>Substandard:</b> 4,360SM (46,900SF)</p> <p><b>PROJECT:</b> Construct a Parachute Rigging Facility for U.S. Army John F. Kennedy Special Warfare Center and School (USAJFKSWCS) and the 1st Special Forces Command (1st SFC).</p>						

1. Component USSOCOM		FY2017 MILITARY CONSTRUCTION PROJECT DATA		2. Date FEB 2016							
3. Installation and Location/UIC: FORT BRAGG, NORTH CAROLINA			4. Project Title SOF PARACHUTE RIGGING FACILITY								
5. Program Element 1140494BB		6. Category Code 218	7. Project Number 74813	8. Project Cost (\$000) 21,420							
<p><b>REQUIREMENT:</b> Adequate facilities are required to support the storage, assembly, maintenance, classroom, operations, and training requirements for the USAJFKSWCS and the 1st SFC. The facility will be used to receive, dry, store, assemble, inspect, and issue parachutes for individual and equipment deployments. The facility will also provide parachute drying tower capability that does not exist within USAJFKSWCS, which offers the unit greater flexibility in airborne operations. Also, static and Military Free Fall parachute pack space and segregated storage will be added to the unit's functions.</p> <p><b>CURRENT SITUATION:</b> The USAJFKSWCS and the 1st SFC units operate out of existing sub-standard facilities that are 38,000 square feet short of authorized level. The current facility location is in the footprint of future Army Special Operations Forces expansion and without a follow-on location, will impede additional facilities construction.</p> <p><b>IMPACT IF NOT PROVIDED:</b> If this project is not provided, the USAJFKSWCS and the 1st SFC units will continue to operate out of existing sub-standard facilities, which cannot support the units' missions to receive, store, assemble, inspect, and issue parachutes for individual and equipment deployments. The units will remain dependent on space availability at other units' facilities to support their airborne operations and therefore delay training because of capabilities shortfall.</p> <p><b>ADDITIONAL:</b> 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, and consistent with 29 United States Code (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. The project site flood vulnerability determination has been accomplished by the installation and will be part of the project planning process.</p> <p><b>JOINT USE CERTIFICATION:</b> 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.</p>											
<p><b>12. Supplemental Data:</b></p> <p>A. Design Data (Estimates)</p> <p>(1) Status</p> <table> <tr> <td>(a) Date Design Started</td> <td>Nov 15</td> </tr> <tr> <td>(b) Percent Complete as of January 2016</td> <td>10%</td> </tr> <tr> <td>(c) Date Design 35% Complete</td> <td>May 17</td> </tr> </table>						(a) Date Design Started	Nov 15	(b) Percent Complete as of January 2016	10%	(c) Date Design 35% Complete	May 17
(a) Date Design Started	Nov 15										
(b) Percent Complete as of January 2016	10%										
(c) Date Design 35% Complete	May 17										

1. Component <b>USSOCOM</b>		<b>FY2017 MILITARY CONSTRUCTION PROJECT DATA</b>		2. Date <b>FEB 2016</b>	
3. Installation and Location/UIC: <b>FORT BRAGG, NORTH CAROLINA</b>			4. Project Title <b>SOF PARACHUTE RIGGING FACILITY</b>		
5. Program Element <b>1140494BB</b>		6. Category Code <b>218</b>	7. Project Number <b>74813</b>	8. Project Cost (\$000) <b>21,420</b>	
(d) Date Design 100% Complete <span style="float: right;">Sep 17</span> (e) Parametric Estimates Used to Develop Costs <span style="float: right;">Yes</span> (f) Type of Design Contract <span style="float: right;">Design Build</span> (g) Energy Study and Life Cycle Analysis Performed <span style="float: right;">Yes</span> (2) Basis (a) Standard or Definitive Design Used <span style="float: right;">Yes</span> (b) Where Design Was Previously Used <span style="float: right;">Eglin AFB</span> (3) Total Design Cost <span style="float: right;">(\$000)</span> (a) Production of Plans and Specifications <span style="float: right;">976</span> (b) All Other Design Costs <span style="float: right;">325</span> (c) Total Cost (a + b or d + e) <span style="float: right;">1,301</span> (d) Contract Cost <span style="float: right;">100</span> (e) In-House Cost <span style="float: right;">1,201</span> (4) Construction Contract Award Date <span style="float: right;">Mar 17</span> (5) Construction Start Date <span style="float: right;">Jul 17</span> (6) Construction Completion Date <span style="float: right;">Jan 19</span> B. Equipment Associated With This Project Which Will be Provided From Other Appropriations:					
Equipment		Procuring	FY Appropriated	Cost	
<u>Nomenclature</u>		<u>Appropriation</u>	<u>or Requested</u>	<u>(\$000)</u>	
Collateral Equipment		O&M, D-W	2018	1,747	
C4I Equipment		O&M, D-W	2018	393	
C4I Equipment		PROC, D-W	2018	781	
United States Army Special Operations Command Telephone: (910) 432-1296					

1. Component <b>USSOCOM</b>		<b>FY2017 MILITARY CONSTRUCTION PROJECT DATA</b>			2. Date <b>FEB 2016</b>			
3. Installation and Location/UIC: <b>FORT BRAGG, NORTH CAROLINA</b>			4. Project Title <b>SOF TACTICAL EQUIPMENT MAINTENANCE FACILITY</b>					
5. Program Element <b>1140494BB</b>		6. Category Code <b>214</b>	7. Project Number <b>69552</b>		8. Project Cost (\$000) <b>23,598</b>			
<b>9. COST ESTIMATES</b>								
Item					U/M	Quantity	Unit Cost	Cost (\$000)
<b>PRIMARY FACILITY</b>								16,575
LARGE TEMF (CC21410)(58,200 SF)					SM	5,407	1,858	(10,048)
ORG VEHICLE PARKING (CC85210)(77,000 SY)					SM	64,378	54	(3,482)
ORGANIZATIONAL STORAGE(CC21412) (29,400 SF)					SM	2,731	944	(2,578)
POL & HAZ WASTE STORAGE (CC21470)(1,200 SF)					SM	112	1,830	(205)
BUILDING INFORMATION SYSTEMS					LS	--	--	(74)
SUSTAINABLE DESIGN AND DEVELOPMENT AND ENERGY POLICY ACT 2005 COMPLIANCE					LS	--	--	(188)
<b>SUPPORTING FACILITIES</b>								3,949
ELECTRICAL/MECHANICAL UTILITIES					LS	--	--	(1,925)
SITE IMPROVEMENTS/DEMOLITION					LS	--	--	(1,827)
INFORMATION SYSTEMS					LS	--	--	(123)
PASSIVE FORCE PROTECTION MEASURES					LS	--	--	(74)
ESTIMATED CONTRACT COST								20,524
CONTINGENCY (5.0%)								1,026
SUBTOTAL								21,550
SUPERVISION, INSPECTION AND OVERHEAD (5.7%)								1,228
SUBTOTAL								22,778
DESIGN BUILD DESIGN COST (4.0%)								820
TOTAL REQUEST								23,598
TOTAL REQUEST (ROUNDED)								23,598
EQUIPMENT PROVIDED FROM OTHER APPROPRIATIONS								(2,867)
<p><b>10. Description of Proposed Construction:</b> Construct a Tactical Equipment Maintenance Facility (TEMF) complex. The project includes a large vehicle maintenance facility, tactical organizational vehicle parking, organizational storage, petroleum and other hazardous material 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 and electronic access control systems, and a protected distribution system. 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, 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 existing facilities. Air conditioning: 791kW (225 tons).</p>								



1. Component USSOCOM		<b>FY2017 MILITARY CONSTRUCTION PROJECT DATA</b>		2. Date FEB 2016	
3. Installation and Location/UIC: FORT BRAGG, NORTH CAROLINA			4. Project Title SOF TACTICAL EQUIPMENT MAINTENANCE FACILITY		
5. Program Element 1140494BB		6. Category Code 214	7. Project Number 69552	8. Project Cost (\$000) 23,598	
<p><b>11. Requirement:</b> 8,250 SM(88,800 SF) <b>Adequate:</b> 1,180SM(12,700SF) <b>Standard:</b> 1,950SM(21,000SF)  <b>PROJECT:</b> Construct a TEMF complex for the 95th Civil Affairs Brigade.  <b>REQUIREMENT:</b> Adequate facilities are required to support the Army's directive for 95th Civil Affairs Brigade transformation and programmed growth from 200 personnel to 1,800 personnel by FY17. One Army standard large TEMF is required to perform field level maintenance and sustainment level maintenance at one consolidated facility on all Brigade vehicles and provide adequate organizational vehicle parking and storage for the Brigade equipment. This facility will be collocated with all Battalion and Brigade Headquarters.  <b>CURRENT SITUATION:</b> The 95th Civil Affairs Brigade TEMF and petroleum, oil, and lubricants (POL) functions are located in interim buildings Z-4645, a 12,700 square foot facility constructed in 2010, and E-1974, a 21,000 square foot facility constructed in 1989. The 95th Civil Affairs Brigade has 5 battalions currently occupying both facilities, which will be reassigned to other units. Both facilities are undersized and located in congested areas. Neither facility is collocated with the unit.  <b>IMPACT IF NOT PROVIDED:</b> If this project is not provided, the 95th Civil Affairs Brigade vehicle maintenance will continue to be conducted in a congested and hazardous work environment. A high potential for vehicle accidents exists in the current motor pools due to the lack of space and congestion of private, commercial, and organizational vehicles. There is a lack of organizational parking space surrounding the existing facility, which cannot be increased due to structural constraints and environmental restrictions.  <b>ADDITIONAL:</b> 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, and consistent with 29 United States Code (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. The project site flood vulnerability determination has been accomplished by the installation and will be part of the project planning process.  <b>JOINT USE CERTIFICATION:</b> 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.</p>					
<p><b>12. Supplemental Data:</b>  A. Design Data (Estimates)</p>					

1. Component <b>USSOCOM</b>		<b>FY2017 MILITARY CONSTRUCTION PROJECT DATA</b>		2. Date <b>FEB 2016</b>																					
3. Installation and Location/UIC: <b>FORT BRAGG, NORTH CAROLINA</b>			4. Project Title <b>SOF TACTICAL EQUIPMENT MAINTENANCE FACILITY</b>																						
5. Program Element <b>1140494BB</b>		6. Category Code <b>214</b>	7. Project Number <b>69552</b>	8. Project Cost (\$000) <b>23,598</b>																					
<p>(1) Status</p> <p>(a) Date Design Started <span style="float: right;">Nov 15</span></p> <p>(b) Percent Complete as of January 2016 <span style="float: right;">10%</span></p> <p>(c) Date Design 35% Complete <span style="float: right;">May 17</span></p> <p>(d) Date Design 100% Complete <span style="float: right;">Sep 17</span></p> <p>(e) Parametric Estimates Used to Develop Costs <span style="float: right;">Yes</span></p> <p>(f) Type of Design Contract <span style="float: right;">Design Build</span></p> <p>(g) Energy Study and Life Cycle Analysis Performed <span style="float: right;">Yes</span></p> <p>(2) Basis</p> <p>(a) Standard or Definitive Design Used <span style="float: right;">Yes</span></p> <p>(b) Where Design Was Previously Used <span style="float: right;">Eglin AFB</span></p> <p>(3) Total Design Cost <span style="float: right;">(\$000)</span></p> <p>(a) Production of Plans and Specifications <span style="float: right;">700</span></p> <p>(b) All Other Design Costs <span style="float: right;">187</span></p> <p>(c) Total Cost (a + b or d + e) <span style="float: right;">887</span></p> <p>(d) Contract Cost <span style="float: right;">87</span></p> <p>(e) In-House Cost <span style="float: right;">800</span></p> <p>(4) Construction Contract Award Date <span style="float: right;">Mar 17</span></p> <p>(5) Construction Start Date <span style="float: right;">Jul 17</span></p> <p>(6) Construction Completion Date <span style="float: right;">Jan 19</span></p> <p>B. Equipment Associated With This Project Which Will be Provided From Other Appropriations:</p> <table border="0" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><u>Equipment</u></th> <th style="text-align: left;"><u>Procuring</u></th> <th style="text-align: left;"><u>FY Appropriated</u></th> <th style="text-align: left;"><u>Cost</u></th> </tr> <tr> <th style="text-align: left;"><u>Nomenclature</u></th> <th style="text-align: left;"><u>Appropriation</u></th> <th style="text-align: left;"><u>or Requested</u></th> <th style="text-align: left;"><u>(\$000)</u></th> </tr> </thead> <tbody> <tr> <td>Collateral Equipment</td> <td>O&amp;M, D-W</td> <td>2018</td> <td>1,906</td> </tr> <tr> <td>C4I Equipment</td> <td>O&amp;M, D-W</td> <td>2018</td> <td>429</td> </tr> <tr> <td>C4I Equipment</td> <td>PROC, D-W</td> <td>2018</td> <td>532</td> </tr> </tbody> </table> <p>United States Army Special Operations Command Telephone: (910) 432-1296</p>						<u>Equipment</u>	<u>Procuring</u>	<u>FY Appropriated</u>	<u>Cost</u>	<u>Nomenclature</u>	<u>Appropriation</u>	<u>or Requested</u>	<u>(\$000)</u>	Collateral Equipment	O&M, D-W	2018	1,906	C4I Equipment	O&M, D-W	2018	429	C4I Equipment	PROC, D-W	2018	532
<u>Equipment</u>	<u>Procuring</u>	<u>FY Appropriated</u>	<u>Cost</u>																						
<u>Nomenclature</u>	<u>Appropriation</u>	<u>or Requested</u>	<u>(\$000)</u>																						
Collateral Equipment	O&M, D-W	2018	1,906																						
C4I Equipment	O&M, D-W	2018	429																						
C4I Equipment	PROC, D-W	2018	532																						

1. COMPONENT <b>USSOCOM</b>		<b>FY 2017 MILITARY CONSTRUCTION PROGRAM</b>					2. DATE <b>FEB 2016</b>			
3. INSTALLATION AND LOCATION <b>KADENA AIR BASE, JAPAN</b>			4. COMMAND <b>AIR FORCE SPECIAL OPERATIONS COMMAND</b>			5. AREA CONSTRUCTION COST INDEX <b>1.77</b>				
6. PERSONNEL STRENGTH		PERMANENT			STUDENTS			SUPPORTED		
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF SEP 15	123	582	17	0	0	0	0	0	0	722
B. END FY 21	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 15										152,500
C. AUTHORIZATION NOT YET IN INVENTORY (FY 15-16)										37,485
D. AUTHORIZATION REQUESTED IN THIS PROGRAM (FY 17)										55,425
E. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM (FY18)										36,400
F. PLANNED IN NEXT THREE YEARS (FY 19-21)										12,600
G. REMAINING DEFICIENCY										0
H. GRAND TOTAL										294,410
8. PROJECTS REQUESTED IN THIS PROGRAM:										
CATEGORY		PROJECT TITLE				SCOPE		COST	DESIGN STATUS	
CODE								(\$000)	START	COMPLETE
211		SOF MAINTENANCE HANGAR				7,275 SM (78,300 SF)		42,823	02/15	08/16
172		SOF SIMULATOR FACILITY (MC130)				1,015 SM (10,900 SF)		12,602	02/15	08/16
9. FUTURE PROJECTS										
CATEGORY		PROJECT TITLE				SCOPE		COST		
CODE								(\$000)		
a. Included in Following Program (FY18)										
141		SOF SPECIAL TACTICS OPERATIONS FACILITY				4,357 SM (46,900 SF)		36,400		
b. Planned Next Three Years (FY19-21):										
173		SOF HUMAN PERFORMANCE TRAINING CENTER				966 SM (10,400 SF)		12,600		
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, tactics and air refueling techniques and special tactics personnel.										
11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES N/A										

1. Component <b>USSOCOM</b>		<b>FY2017 MILITARY CONSTRUCTION PROJECT DATA</b>		2. Date <b>FEB 2016</b>	
3. Installation and Location/UIC: <b>KADENA AIR BASE, JAPAN</b>			4. Project Title <b>SOF MAINTENANCE HANGAR</b>		
5. Program Element <b>1140494BB</b>		6. Category Code <b>211</b>	7. Project Number <b>AFSOC103021</b>	8. Project Cost (\$000) <b>42,823</b>	
<b>9. COST ESTIMATES</b>					
Item		U/M	Quantity	Unit Cost	Cost (\$000)
<b>PRIMARY FACILITY</b>					30,777
HANGAR (CC21111) (46,900 SF)		SM	4,357	4,148	(18,073)
AMU/SHOPS (CC21115) (31,400 SF)		SM	2,918	4,148	(12,104)
SUSTAINABLE DESIGN, DEVELOPMENT AND ENERGY POLICY ACT 2005 COMPLIANCE		LS	--	--	(600)
<b>SUPPORTING FACILITIES</b>					7,517
UTILITIES		LS	--	--	(2,484)
PAVEMENTS		LS	--	--	(1,416)
SITE IMPROVEMENTS		LS	--	--	(1,496)
COMMUNICATIONS		LS	--	--	(1,051)
SPECIAL SITE CONDITIONS/MITIGATION		LS	--	--	(253)
WATER STORAGE		LS	--	--	(293)
CRANES		EA	2	188,000	(376)
PASSIVE FORCE PROTECTION MEASURES		LS	--	--	(148)
SUBTOTAL					38,294
CONTINGENCY (5%)					1,915
TOTAL CONTRACT COST					40,209
SUPERVISION, INSPECTION AND OVERHEAD (6.5%)					2,614
TOTAL REQUEST					42,823
TOTAL REQUEST (ROUNDED)					42,823
EQUIPMENT FROM OTHER APPROPRIATIONS					(7,604)
<p><b>10. Description of Proposed Construction:</b> Two-bay aircraft hangar with concrete foundation and floor slab, steel high bay, standing seam metal roof, cranes, motorized hangar doors and tracks, fire alarm and suppression system to include water storage tanks, and all necessary support. Aircraft maintenance unit (AMU) requires administrative areas, tool room, supply/bench stock area, storage, shop areas, emergency shower and eyewash stations, locker areas with shower, break area, etc. Includes utilities, pavements, site improvements, communications and all other necessary support. New roadway and parking area includes associated primary utilities/communications and realignment of existing as required. Pavements also include airfield pavements to provide aircraft access to the hangar. Special site conditions exist which will require additional fill and stabilization of the site and possible mitigation for cultural resources. All work carried out is to comply with current Base, Air Force, and Host Nation standards. Air conditioning: 286 kW (82 tons)</p>					
<p><b>11. Requirement:</b> 7,275 SM (78,300 SF)      <b>Adequate:</b> 0 SM      <b>Substandard:</b> 0 SM</p> <p><b>PROJECT:</b> Construct Maintenance Hangar.</p> <p><b>REQUIREMENT:</b> Adequate facilities, properly sized and configured, for a multi-bay aircraft hangar and an AMU to supporting MC-130 aircraft and maintenance unit. Hangar space is authorized to conduct recurring maintenance and inspection the fleet, phase level maintenance of aircraft and provide protection from the elements. Development of the special operations mobility capacity supports primary mission of insertion, extraction, and re-supply of unconventional warfare</p>					

1. Component USSOCOM		FY2017 MILITARY CONSTRUCTION PROJECT DATA		2. Date FEB 2016	
3. Installation and Location/UIC: KADENA AIR BASE, JAPAN			4. Project Title SOF MAINTENANCE HANGAR		
5. Program Element 1140494BB		6. Category Code 211	7. Project Number AFSOC103021	8. Project Cost (\$000) 42,823	
<p>forces and equipment into hostile or enemy-controlled territory using airland or airdrop procedures. <b>CURRENT SITUATION:</b> Special operations maintenance unit will use existing maintenance and storage spaces that are occupied by other units; operating with a space shortfall. Selective items usually stored indoors will be staged outside. Hangar bay access will be worked through scheduling; also operating with a space shortfall. Available space will drive the unit into split operations in multiple facilities without adjacent maintenance shops, covered storage, engine storage, and Consolidated Tool Kit mobility storage. Interim aircraft parking has the aircraft located so far away from the hangars that maintenance personnel will routinely require use of a vehicle to transport personnel, tools and parts for daily maintenance. Without an adequate number of hangar bays and maintenance shops, maintenance operations are inefficient, resulting in a high potential for reduced mission capability. In addition to the impact on mission capability, maintenance operations in inclement weather and under temporary lighting increases the safety risk for maintainers and aircrews as well as airframes.</p> <p><b>IMPACT IF NOT PROVIDED:</b> Day-to-day maintenance operations will continue to be inefficient as crews work from dispersed locations. The lack of adequate hangar facilities will adversely impact the special operations maintenance turn-around times which will impact flying operations due to a reduced aircraft availability rate. Without covered maintenance space, inclement weather and darkness will directly impact mission readiness. Reduced aircraft availability and mission readiness creates an overall negative impact to operations in support of USSOCOM/SOCPAC missions.</p> <p><b>ADDITIONAL:</b> 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 Section 1.22 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 (U.S.C.) 2802 (c), and other applicable laws and Executive orders. The project site flood vulnerability determination has been accomplished and the installation verified that the project site does not fall within the 100-year floodplain.</p> <p><b>JOINT USE CERTIFICATION:</b> 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.</p>					
<b>12. Supplemental Data:</b>					
A. Design Data (Estimates)					
(1) Status					
(a) Date Design Started				Feb 15	
(b) Percent Complete as of January 2016				60%	
(c) Date Design 35% Complete				Aug 15	
(d) Date Design 100% Complete				Aug 16	
(e) Parametric Estimates Used to Develop Costs				Yes	

1. Component USSOCOM		<b>FY2017 MILITARY CONSTRUCTION PROJECT DATA</b>		2. Date FEB 2016	
3. Installation and Location/UIC: KADENA AIR BASE, JAPAN			4. Project Title SOF MAINTENANCE HANGAR		
5. Program Element 1140494BB		6. Category Code 211	7. Project Number AFSOC103021	8. Project Cost (\$000) 42,823	
(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		3,242			
(b) All Other Design Costs		2,161			
(c) Total Cost (a + b or d + e)		5,403			
(d) Contract Cost		3,782			
(e) In-House Cost		1,621			
(4) Construction Contract Award Date		Jan 17			
(5) Construction Start Date		Apr 17			
(6) Construction Completion Date		Apr 19			
B. Equipment Associated With This Project Which Will be Provided From Other Appropriations:					
<u>Equipment Nomenclature</u>		<u>Procuring Appropriation</u>	<u>FY Appropriated or Requested</u>	<u>Cost (\$000)</u>	
Collateral Equipment		O&M, D-W	2019	5,958	
C4I Equipment		O&M, D-W	2019	1,646	
Air Force Special Operations Command Telephone: (850) 884-2260					

1. Component USSOCOM		FY2017 MILITARY CONSTRUCTION PROJECT DATA			2. Date FEB 2016	
3. Installation and Location/UIC: KADENA AIR BASE, JAPAN				4. Project Title SOF SIMULATOR FACILITY (MC-130)		
5. Program Element: 1140494BB		6. Category Code 172	7. Project Number LXEZ123484		8. Project Cost (\$000) 12,602	
<b>9. COST ESTIMATES</b>						
Item		U/M	Quantity	Unit Cost	Cost (\$000)	
<b>PRIMARY FACILITY</b>					5,376	
SIMULATOR FACILITY (CC17121)(10,900 SF)		SM	1,015	5,191	(5,269)	
SUSTAINABLE DESIGN, DEVELOPMENT AND ENERGY POLICY ACT 2005 COMPLIANCE		LS	--	--	(107)	
<b>SUPPORTING FACILITIES</b>		LS	--	--	5,894	
UTILITIES		LS	--	--	(3,942)	
PAVEMENTS		LS	--	--	(698)	
SITE IMPROVEMENTS		LS	--	--	(356)	
COMMUNICATIONS		LS	--	--	(716)	
MITIGATION		LS	--	--	(155)	
PASSIVE FORCE PROTECTION MEASURES					(27)	
SUBTOTAL					11,270	
CONTINGENCY					563	
TOTAL CONTRACT COST					11,833	
SIOH (6.5%)					769	
TOTAL REQUEST					12,602	
TOTAL REQUEST (ROUNDED)					12,602	
EQUIPMENT FROM OTHER APPROPRIATIONS					(626)	
<p><b>10. Description of Proposed Construction:</b> Concrete foundation and floor slab, steel structure, masonry walls, sloping metal roof, fire alarm panels, fire suppression system to include water storage tanks, and all necessary support. Functional areas include classrooms, briefing rooms, library, software preparation room, data base generation room, and administration. Includes utilities, pavements, site improvements, communications and all other necessary support. Project provides new roadway with associated primary utilities/communications and realignment of existing as required. Project includes mitigation as required for possible cultural resources. All work carried out is to comply with current Base, Air Force, and Host Nation standards. Air conditioning: 18 tons</p>						
<p><b>11. Requirement:</b> 1,015 SM (10,900 SF)      <b>Adequate:</b> 0 SM      <b>Substandard:</b> 0 SM  <u>PROJECT:</u> Construct Simulator Facility (MC-130J)  <u>REQUIREMENT:</u> This project supports aircrew training by providing a weapon system trainer (WST) for the new MC-130J model aircraft. This is part of the AFSOC recapitalization of older MC-130s. It is required to provide an adequate facility for aircraft crews of the special operations squadron to conduct required aircraft currency, continuation, upgrade, and refresher training, as well as specific mission rehearsals. The WST will negate the need to send crews temporary duty (thus not available for other duties during travel time) to CONUS for simulator training, allow them to log currency events in the simulator (up to 50%) versus in the aircraft, accomplish emergency procedures, participate in live and virtual exercises, with overall reductions in flying hours. Development of the special operations mobility capacity supports primary mission of insertion,</p>						

1. Component <b>USSOCOM</b>		<b>FY2017 MILITARY CONSTRUCTION PROJECT DATA</b>		2. Date <b>FEB 2016</b>	
3. Installation and Location/UIC: <b>KADENA AIR BASE, JAPAN</b>			4. Project Title <b>SOF SIMULATOR FACILITY (MC-130)</b>		
5. Program Element: <b>1140494BB</b>		6. Category Code <b>172</b>	7. Project Number <b>LXEZ123484</b>	8. Project Cost (\$000) <b>12,602</b>	
<p>extraction, and re-supply of unconventional warfare forces and equipment into hostile or enemy controlled territory using airland or airdrop procedures. A MILCON is required to create a space that supports a full motion WST with supporting activities to provide quality aircrew training in a safe and cost effective environment.</p> <p><b>CURRENT SITUATION:</b> MC-130J began arriving on station in FY15. Existing squadron will fly increased hours for training requirements due to the initial non-availability of a WST device for flight simulation at a significant cost relative to a simulator. New cost effective training plans emphasize the use of simulators with new model aircraft. Savings for this overseas unit is estimated to be \$18 million/year cost avoidance of training flying hours and \$490 thousand/year in temporary duty costs to return to CONUS for simulator training. Previous model did not have a simulator, so no facility exists to support this requirement. The facility is required to be fully operational to support delivery in FY19 followed by a 12 month install, integration, and test effort making the WST ready for training in FY20.</p> <p><b>IMPACT IF NOT PROVIDED:</b> Increased flying hours does not allow for all high risk maneuvers to be simulated due to safety concerns. If the facility is not completed on time it will delay on site simulator build-up and acceptance testing. Higher flying hour costs will be incurred at greater cost to the government than use of the simulator. Without this project combat readiness of special operations aircrews will be reduced due to the inability of aircrews to efficiently accomplish training events required to maintain currency and qualification in the aircraft resulting in an overall negative impact to USSOCOM/SOCPAC missions.</p> <p><b>ADDITIONAL:</b> 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 Section 1.22 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 (U.S.C.) 2802 (c), and other applicable laws and Executive orders. The project site flood vulnerability determination has been accomplished and the installation verified that the project site does not fall within the 100-year floodplain.</p> <p><b>JOINT USE CERTIFICATION:</b> 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.</p>					
<b>12. Supplemental Data:</b>					
A. Design Data (Estimates)					
(1) Status					
(a) Date Design Started				Feb 15	
(b) Percent Complete as of January 2016				60%	
(c) Date Design 35% Complete				Aug 15	
(d) Date Design 100% Complete				Aug 16	
(e) Parametric Estimates Used to Develop Costs				Yes	
(f) Type of Design Contract				Design Bid Build	



1. Component USSOCOM		FY2017 MILITARY CONSTRUCTION PROJECT DATA		2. Date FEB 2016													
3. Installation and Location/UIC: KADENA AIR BASE, JAPAN			4. Project Title SOF SIMULATOR FACILITY (MC-130)														
5. Program Element: 1140494BB		6. Category Code 172	7. Project Number LXEZ123484	8. Project Cost (\$000) 12,602													
(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 Specifications 954 (b) All Other Design Costs 636 (c) Total Cost (a + b or d + e) 1,590 (d) Contract Cost 1,050 (e) In-House Cost 540 (4) Construction Contract Award Date Jan 17 (5) Construction Start Date Apr 17 (6) Construction Completion Date Apr 19 B. Equipment Associated With This Project Which Will be Provided From Other Appropriations:																	
<table border="0"> <thead> <tr> <th>Equipment <u>Nomenclature</u></th> <th>Procuring <u>Appropriation</u></th> <th>FY Appropriated <u>or Requested</u></th> <th>Cost <u>(\$000)</u></th> </tr> </thead> <tbody> <tr> <td>Collateral Equipment</td> <td>O&amp;M, D-W</td> <td>2019</td> <td>447</td> </tr> <tr> <td>C4I Equipment</td> <td>O&amp;M, D-W</td> <td>2019</td> <td>179</td> </tr> </tbody> </table>						Equipment <u>Nomenclature</u>	Procuring <u>Appropriation</u>	FY Appropriated <u>or Requested</u>	Cost <u>(\$000)</u>	Collateral Equipment	O&M, D-W	2019	447	C4I Equipment	O&M, D-W	2019	179
Equipment <u>Nomenclature</u>	Procuring <u>Appropriation</u>	FY Appropriated <u>or Requested</u>	Cost <u>(\$000)</u>														
Collateral Equipment	O&M, D-W	2019	447														
C4I Equipment	O&M, D-W	2019	179														
Air Force Special Operations Command Telephone: (850) 884-2260																	

1. COMPONENT <b>USSOCOM</b>		<b>FY 2017 MILITARY CONSTRUCTION PROGRAM</b>					2. DATE <b>FEB 2016</b>			
3. INSTALLATION AND LOCATION <b>YOKOTA AIR BASE JAPAN</b>			4. COMMAND <b>AIR FORCE SPECIAL OPERATIONS COMMAND</b>			5. AREA CONSTRUCTION COST INDEX <b>1.79</b>				
6. PERSONNEL STRENGTH		PERMANENT		STUDENTS			SUPPORTED			
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF SEP 15	1141	317	270	0	0	0	0	0	0	1,728
B. END FY 21	1141	317	270	0	0	0	0	0	0	1,728
7. INVENTORY DATA (\$000)										
A. TOTAL AREA (ACRES)										1,750
B. INVENTORY TOTAL AS OF SEP 15										1,699,970
C. AUTHORIZATION NOT YET IN INVENTORY (FY15-16)										0
D. AUTHORIZATION REQUESTED IN THIS PROGRAM (FY17)										113,731
E. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM (FY18)										0
F. PLANNED IN NEXT THREE YEARS (FY19-21)										0
G. REMAINING DEFICIENCY										0
H. GRAND TOTAL										1,813,701
8. PROJECTS REQUESTED IN THIS PROGRAM:										
CATEGORY CODE	PROJECT TITLE			SCOPE		COST (\$000)	DESIGN STATUS			
113	AIRFIELD APRON			54,574 SM (65,270 SY)		41,294	10/14	08/16		
211	HANGAR/AMU			6,809 SM (73,300 SF)		39,466	10/14	10/16		
141	OPERATIONS AND WAREHOUSE FACILITIES			5,621 SM (60,500 SF)		26,710	10/14	10/16		
172	SIMULATOR FACILITY			845 SM ( 9,100 SF)		6,261	10/14	10/16		
9. FUTURE PROJECTS										
CATEGORY CODE	PROJECT TITLE			SCOPE		COST (\$000)				
a.	Included in Following Program (FY18)									
	NONE									
b.	Planned Next Three Years (FY19-21)									
	NONE									
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, tactics and air refueling techniques and special tactics personnel.										
11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES										
N/A										

1. Component <b>USSOCOM</b>	<b>FY 2017 MILITARY CONSTRUCTION PROJECT DATA</b>			2. Date <b>FEB 2016</b>
3. Installation and Location/UIC: <b>YOKOTA AIR BASE, JAPAN</b>		4. Project Title: <b>AIRFIELD APRON</b>		
5. Program Element <b>1140494BB</b>	6. Category Code <b>113</b>	7. Project Number <b>AFSOC103022</b>	8. Project Cost (\$000) <b>41,294</b>	

**9. COST ESTIMATES**

Item	U/M	Quantity	Unit Cost	Cost (\$000)
<b>PRIMARY FACILITY</b>				16,575
APRON (CC11332) (35,900 SY)	SM	30,017	240	(7,204)
TAXIWAY (CC11221) (17,600 SY)	SM	14,716	240	(3,532)
SHOULDERS (CC11664) (11,770 SY)	SM	9,841	120	(1,181)
PRIMARY DISTRIBUTION LINE UG (CC81222) (9,900 LF)	LM	3,018	1,438	(4,340)
SUSTAINABLE DESIGN AND DEVELOPMENT AND ENERGY POLICY ACT 2005 COMPLIANCE	LS	--	--	(318)
<b>SUPPORTING FACILITIES</b>				20,353
UTILITIES	LS	--	--	(6,238)
PAVEMENTS & ROADWAYS	LS	--	--	(1,909)
SITE IMPROVEMENTS	LS	--	--	(269)
COMMUNICATIONS & DUCT BANK	LS	--	--	(1,231)
AIRFIELD/ROADWAY LIGHTING	LS	--	--	(2,164)
ANTENNA PADS AND BUILDING (TRANSMITTER)	LS	--	--	(1,569)
ELEVATED WATER STORAGE	LS	--	--	(2,493)
DEMOLITION (NON FACILITY)/MITIGATION	LS	--	--	(3,682)
GUARD HOUSE (75 SF)	SM	7	11,900	(83)
PASSIVE FORCE PROTECTION MEASURES	LS	--	--	(715)
				----
SUBTOTAL				36,928
CONTINGENCY (5%)				1,847
				----
TOTAL CONTRACT COST				38,774
SUPERVISION, INSPECTION AND OVERHEAD (6.5%)				2,520
				----
TOTAL REQUEST				41,294
TOTAL REQUEST (ROUNDED)				41,294
EQUIPMENT FROM OTHER APPROPRIATIONS (NON-ADD)				(2,579)

**10. Description of Proposed Construction:** Aircraft parking apron with associated taxiways and shoulders required to accommodate CV-22 aircraft. Work to include all subgrade and subbase work, drainage, airfield lighting, grounding, mooring, marking, airfield security fencing, access control security gates, bollards, contingency guard house, apron area lighting and other necessary airfield support. Provides new flight line road and overall site road network with supporting primary and secondary utilities and communications infrastructures, and realignment of existing as required. Apron is to be integrated into existing airfield pavements. New antenna pads and building to be provided to support relocation of ground antenna transmitter. Project provides all primary and secondary roadways, utilities, site improvements, communications, demolition, and mitigation for possible dud munitions for site preparation in support of the apron and three MILCON projects (AFSOC103007 Hangar/AMU, AFSOC103008 Operations and Warehouse Facilities, and AFSOC103010 Simulator Facility). All work carried out is to comply with current base, Air Force, and Host Nation standards. Air conditioning: 53 kW (15 tons)

1. Component <b>USSOCOM</b>		<b>FY 2017 MILITARY CONSTRUCTION PROJECT DATA</b>		2. Date <b>FEB 2016</b>	
3. Installation and Location/UIC: <b>YOKOTA AIR BASE, JAPAN</b>			4. Project Title: <b>AIRFIELD APRON</b>		
5. Program Element <b>1140494BB</b>		6. Category Code <b>113</b>	7. Project Number <b>AFSOC103022</b>	8. Project Cost (\$000) <b>41,294</b>	
<p><b>11. Requirement: 54,574 SM (65,270 SY) Adequate: 0 SM Substandard: 0 SM</b></p> <p><b>PROJECT:</b> Construct airfield pavements.</p> <p><b>REQUIREMENT:</b> Apron will support parking, servicing, and loading/unloading of special operations forces (SOF) beddown of CV-22 aircraft. Airfield pavement will be designed and constructed to support the heaviest SOF aircraft required to use/transit the apron. Development of the special operations mobility capacity supports primary mission of insertion, extraction, and re-supply of unconventional warfare forces and equipment into hostile or enemy-controlled territory using airland or airdrop procedures.</p> <p><b>CURRENT SITUATION:</b> Existing aircraft parking will be used as an interim solution pending completion of this project. Existing parking is dispersed, lacks adequate shoulders creating foreign object debris, severely limits powered movement of the aircraft, and requires tug assist for movement of each aircraft. Dispersed parking makes routine day-to-day maintenance operations inefficient. Additionally, the apron is necessary for staging of SOF aircraft adjacent to the MILCON aircraft hangar supporting efficient maintenance operations by minimizing transport of tools, equipment, and aircraft parts to other flight line locations. Project supports improvement of aircraft movement and allows for consolidation of special operations aircraft functions and implementation of flight line access measures to meet force protection standards and control access to operational assets.</p> <p><b>IMPACT IF NOT PROVIDED:</b> Interim aircraft parking is not approved for long term use, which would force aircraft to be relocated to other undersized and dispersed locations with even greater separation of aircraft from each other and from maintenance operations. Adjacent aircraft parking to new aircraft hangar will not be available making maintenance extremely inefficient. Lack of adequate airfield pavements will impact the ability to improve efficiency related to all special operations aircraft movement and maintenance resulting in an overall negative impact to operations in support of USSOCOM missions.</p> <p><b>ADDITIONAL:</b> This project meets the criteria/scope specified in Air Force Manual 32-1084, "Facility Requirements," UFC 3-260-1 and "Airfield &amp; Heliport Planning &amp; Design." An economic analysis waiver will be required based on AFI 65-501 Section 1.22 and is pending. Supporting facility costs exceed the primary facility costs for this project due to the site development required to prepare the area for the apron and the three MILCON projects. 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 (U.S.C.) 2802 (c), and other applicable laws and Executive orders. The project site flood vulnerability determination has been accomplished and the installation verified that the project site does not fall within the 100-year floodplain.</p> <p><b>JOINT USE CERTIFICATION:</b> 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.</p>					

1. Component <b>USSOCOM</b>		<b>FY 2017 MILITARY CONSTRUCTION PROJECT DATA</b>		2. Date <b>FEB 2016</b>																	
3. Installation and Location/UIC: <b>YOKOTA AIR BASE, JAPAN</b>			4. Project Title: <b>AIRFIELD APRON</b>																		
5. Program Element <b>1140494BB</b>		6. Category Code <b>113</b>	7. Project Number <b>AFSOC103022</b>	8. Project Cost (\$000) <b>41,294</b>																	
<b>12. Supplemental Data:</b> <b>A. Design Data (Estimates)</b> (1) Status (a) Date Design Started <span style="float: right;">Oct 14</span> (b) Percent Complete as of January 2016 <span style="float: right;">40%</span> (c) Date Design 35% Complete <span style="float: right;">Nov 15</span> (d) Date Design 100% Complete <span style="float: right;">Aug 16</span> (e) Parametric Cost Estimates Used to Develop Costs <span style="float: right;">Yes</span> (f) Type of Design Contract <span style="float: right;">Design Bid Build</span> (g) Energy Study and Life Cycle Analysis Performed <span style="float: right;">No</span> (2) Basis (a) Standard or Definitive Design Used <span style="float: right;">No</span> (b) Where Design Was Previously Used <span style="float: right;">N/A</span> (3) Total Cost <span style="float: right;">(\$000)</span> (a) Production of Plans and Specification <span style="float: right;">3,126</span> (b) All Other Design Costs <span style="float: right;">2,084</span> (c) Total Cost (a + b or d + e) <span style="float: right;">5,210</span> (d) Contract Cost <span style="float: right;">3,491</span> (e) In-House Cost <span style="float: right;">1,719</span> (4) Construction Contract Award Date <span style="float: right;">Mar 17</span> (5) Construction Start Date <span style="float: right;">Apr 17</span> (6) Construction Completion Date <span style="float: right;">Jul 19</span> <b>B. Equipment associated with this project which will be provided from other appropriations:</b>  <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><u>Equipment</u></th> <th style="text-align: left;"><u>Procuring</u></th> <th style="text-align: left;"><u>FY Appropriated</u></th> <th style="text-align: left;"><u>Cost</u></th> </tr> <tr> <th style="text-align: left;"><u>Nomenclature</u></th> <th style="text-align: left;"><u>Appropriation</u></th> <th style="text-align: left;"><u>or Requested</u></th> <th style="text-align: left;"><u>(\$000)</u></th> </tr> </thead> <tbody> <tr> <td>Collateral Equipment</td> <td>O&amp;M, D-W</td> <td>2019</td> <td>1,987</td> </tr> <tr> <td>C4I Equipment</td> <td>O&amp;M, D-W</td> <td>2019</td> <td>592</td> </tr> </tbody> </table> Air Force Special Operations Command Telephone: (850) 884-2260						<u>Equipment</u>	<u>Procuring</u>	<u>FY Appropriated</u>	<u>Cost</u>	<u>Nomenclature</u>	<u>Appropriation</u>	<u>or Requested</u>	<u>(\$000)</u>	Collateral Equipment	O&M, D-W	2019	1,987	C4I Equipment	O&M, D-W	2019	592
<u>Equipment</u>	<u>Procuring</u>	<u>FY Appropriated</u>	<u>Cost</u>																		
<u>Nomenclature</u>	<u>Appropriation</u>	<u>or Requested</u>	<u>(\$000)</u>																		
Collateral Equipment	O&M, D-W	2019	1,987																		
C4I Equipment	O&M, D-W	2019	592																		

1. Component <b>USSOCOM</b>		<b>FY 2017 MILITARY CONSTRUCTION PROJECT DATA</b>			2. Date <b>FEB 2016</b>	
3. Installation and Location/UIC: <b>YOKOTA AIR BASE, JAPAN</b>				4. Project Title: <b>HANGAR/AMU</b>		
5. Program Element <b>1140494BB</b>		6. Category Code <b>211</b>	7. Project Number <b>AFSOC103007</b>	8. Project Cost (\$000) <b>39,466</b>		
<b>9. COST ESTIMATES</b>						
Item		U/M	Quantity	Unit Cost	Cost (\$000)	
<b>PRIMARY FACILITY</b>					32,762	
HANGAR/AMU (CC21111) (32,800 SF)		SM	3,047	4,717	(14,373)	
AMU/SHOPS (CC21115) (40,500 SF)		SM	3,762	4,717	(17,745)	
SUSTAINABLE DESIGN AND DEVELOPMENT AND ENERGY POLICY ACT 2005 COMPLIANCE		LS	--	--	(644)	
<b>SUPPORTING FACILITIES</b>					2,530	
UTILITIES		LS	--	--	(86)	
PAVEMENTS		LS	--	--	(438)	
SITE IMPROVEMENTS		LS	--	--	(184)	
COMMUNICATIONS		LS	--	--	(9)	
AIRFIELD PAVEMENTS		LS	--	--	(1,155)	
CRANES		EA	2	171,000	(342)	
MITIGATION		LS	--	--	(155)	
PASSIVE FORCE PROTECTION MEASURES		LS	--	--	(161)	
					----	
SUBTOTAL					35,292	
CONTINGENCY (5%)					1,765	
TOTAL CONTRACT COST					37,057	
SUPERVISION, INSPECTION AND OVERHEAD (6.5%)					2,409	
					----	
TOTAL REQUEST					39,466	
TOTAL REQUEST (ROUNDED)					39,466	
EQUIPMENT FROM OTHER APPROPRIATIONS (NON-ADD)					(7,909)	
<p><b>10. Description of Proposed Construction:</b> Three bay aircraft hangar with concrete foundation and floor slab, steel high bay, standing seam metal roof, cranes, motorized hangar doors and tracks, fire alarm and suppression system to include cranes, and all necessary support. Aircraft maintenance unit (AMU) requires such areas as administrative, tool room, supply/bench stock area, storage, shop areas, emergency shower and eyewash stations, locker areas with shower, and break area. Includes utilities, pavements, site improvements, communications and all other necessary support. Hangar access airfield pavements will clear, excavate, place base material and concrete pavement, asphalt shoulder, airfield markings, storm water retention, storm drainage, lighting and all other necessary support and be integrated into new airfield apron. Project AFSOC103022 Airfield Apron provides all primary and secondary roadways, utilities, site improvements, communications, and mitigation for possible dud munitions for site preparation. All work carried out is to comply with current base, Air Force, and Host Nation standards. Air conditioning: 263 kW (75 tons)</p>						
<p><b>11. Requirement:</b> 6,809 SM (73,300 SF)      <b>Adequate:</b> 0 SM      <b>Substandard:</b> 0 SM  <u>PROJECT:</u> Construct Hangar/AMU facility.  <u>REQUIREMENT:</u> Adequate facilities, properly sized and configured, for a multi-bay aircraft</p>						

1. Component USSOCOM		<b>FY 2017 MILITARY CONSTRUCTION PROJECT DATA</b>		2. Date FEB 2016	
3. Installation and Location/UIC: YOKOTA AIR BASE, JAPAN			4. Project Title: HANGAR/AMU		
5. Program Element 1140494BB		6. Category Code 211	7. Project Number AFSOC103007	8. Project Cost (\$000) 39,466	

hangar and an aircraft maintenance unit to support special operations forces (SOF) CV-22 aircraft beddown. Hangar space is authorized to conduct recurring maintenance fleet inspection of phase level maintenance of aircraft and provide protection from the elements. Development of the special operations mobility capacity supports primary mission of insertion, extraction, and re-supply of unconventional warfare forces and equipment into hostile or enemy-controlled territory using airland or airdrop procedures.

**CURRENT SITUATION:** The installation lacks facilities to adequately support this function. As an interim solution, the special operations AMU will use existing maintenance and storage spaces; operating with a significant space shortfall. Many items usually stored indoors will be staged outside, decreasing their life expectancy. Interim hangar bay will only accommodate two of the three authorized spaces. Additionally, the two spaces are extremely inefficient with one aircraft being blocked in the hangar by the other resulting in maintenance restrictions and scheduling issues. Because the hangar was not purpose built, aircraft will require careful towing and placement to meet aircraft separation requirements and support of operations tempo. Interim aircraft parking have the aircraft located away from the hangar such that maintenance personnel will routinely require use of a vehicle to transport tools, equipment, and parts for daily maintenance and aircraft launch activities. Without an adequate number of hangar bays and maintenance shops, maintenance operations are inefficient, resulting in a high potential for reduced mission capability. In addition to the impact on mission capability, maintenance operations in inclement weather and under temporary lighting increases the safety risk for maintainers and aircrews as well as airframes.

**IMPACT IF NOT PROVIDED:** Day-to-day maintenance operations will continue to be inefficient as maintainers work with a shortage in required hangar bays, back shops, and storage. Reduced equipment life expectancy will reduce equipment availability and increase costs to the government. The lack of adequate hangar facilities will adversely impact the special operations maintenance turn-around times which will reduce aircraft mission capability rates. Without covered maintenance space, inclement weather and darkness will directly impact mission readiness. Reduced aircraft availability and mission readiness creates an overall negative impact to operations in support of USSOCOM missions.

**ADDITIONAL:** This project meets the criteria/scope specified in Air Force Manual 32-1084, "Facility Requirements." An economic analysis waiver will be required based on AFI 65-501 Section 1.22 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 (U.S.C.) 2802 (c), and other applicable laws and Executive orders. The project site flood vulnerability determination has been accomplished and the installation verified that the project site does not fall within the 100-year floodplain.

**JOINT USE CERTIFICATION:** N/A. USSOCOM budgets only for those facilities specifically for SOF use. Common support facilities are budgeted by the military departments. Reference Title 10, Section 165.

1. Component <b>USSOCOM</b>		<b>FY 2017 MILITARY CONSTRUCTION PROJECT DATA</b>		2. Date <b>FEB 2016</b>	
3. Installation and Location/UIC: <b>YOKOTA AIR BASE, JAPAN</b>			4. Project Title: <b>HANGAR/AMU</b>		
5. Program Element <b>1140494BB</b>		6. Category Code <b>211</b>	7. Project Number <b>AFSOC103007</b>	8. Project Cost (\$000) <b>39,466</b>	
<b>12. Supplemental Data:</b>					
A. Design Data (Estimates)					
(1) Status					
(a) Date Design Started					Oct 14
(b) Percent Complete as of January 2016					35%
(c) Date Design 35% Complete					Jan 16
(d) Date Design 100% Complete					Oct 16
(e) Parametric Cost Estimates Used to Develop Costs					Yes
(f) Type of Design Contract					Design Bid Build
(g) Energy Study and Life Cycle Analysis Performed					No
(2) Basis					
(a) Standard or Definitive Design Used					No
(b) Where Design Was Previously Used					N/A
(3) Total Cost (\$000)					
(a) Production of Plans and Specification					2,988
(b) All Other Design Costs					1,991
(c) Total Cost (a + b or d + e)					4,979
(d) Contract Cost					3,336
(e) In-House Cost					1,643
(4) Construction Contract Award Date					May 17
(5) Construction Start Date					Jun 17
(6) Construction Completion Date					Oct 19
B. Equipment associated with this project which will be provided from other appropriations:					
Equipment		Procuring	FY Appropriated	Cost	
<u>Nomenclature</u>		<u>Appropriation</u>	<u>or Requested</u>	<u>(\$000)</u>	
Collateral Equipment		O&M, D-W	2019	6,059	
C4I Equipment		O&M, D-W	2019	1,850	
Air Force Special Operations Command					
Telephone: (850) 884-2260					



1. Component <b>USSOCOM</b>		<b>FY 2017 MILITARY CONSTRUCTION PROJECT DATA</b>			2. Date <b>FEB 2016</b>	
3. Installation and Location/UIC: <b>YOKOTA AIR BASE, JAPAN</b>			4. Project Title: <b>OPERATIONS AND WAREHOUSE FACILITIES</b>			
5. Program Element <b>1140494BB</b>		6. Category Code <b>141</b>	7. Project Number <b>AFSOC103008</b>		8. Project Cost (\$000) <b>26,710</b>	
<b>9. COST ESTIMATES</b>						
Item		U/M	Quantity	Unit Cost	Cost (\$000)	
<b>PRIMARY FACILITY</b>					22,390	
SQUADRON OPERATIONS (CC14175)(20,500 SF)		SM	1,905	5,241	(9,984)	
HEADQUARTERS GROUP OPERATIONS (CC61024)(7,200 SF)		SM	669	5,241	(3,506)	
WAREHOUSE (CC44275)(32,800 SF)		SM	3,047	2,774	(8,452)	
SUSTAINABLE DESIGN AND DEVELOPMENT AND ENERGY POLICY ACT 2005 COMPLIANCE		LS	--	--	(448)	
<b>SUPPORTING FACILITIES</b>					1,496	
UTILITIES		LS	--	--	(214)	
PAVEMENTS		SM	5,644	101	(570)	
SITE IMPROVEMENTS		LS	--	--	(430)	
COMMUNICATIONS		LS	--	--	(27)	
MITIGATION		LS	--	--	(143)	
PASSIVE FORCE PROTECTION MEASURES		LS	--	--	(112)	
SUBTOTAL					23,886	
CONTINGENCY (5%)					1,194	
TOTAL CONTRACT COST					25,080	
SUPERVISION, INSPECTION AND OVERHEAD (6.5%)					1,630	
TOTAL REQUEST					26,710	
TOTAL REQUEST (ROUNDED)					26,710	
EQUIPMENT FROM OTHER APPROPRIATIONS (NON-ADD)					(7,338)	
<p><b>10. Description of Proposed Construction:</b> Group and squadron operations facilities with concrete foundation and floor slab, steel frame, masonry walls and sloped metal roof. Functional areas include areas such as staff and administration, planning and briefing areas, secure open storage and planning vault, mobility storage, life support/aircrew flight equipment storage and maintenance. Aircraft parts and Mobility Readiness Spare Packages (MRSP) warehouse with associated external covered and uncovered storage elements. Concrete foundation and floor slab, steel frame, masonry and/or steel walls, sloped metal roof, structured for material handling equipment and racking systems and associated uncovered storage. All facilities include utilities, pavements, site improvements, communications and all other necessary support. Project AFSOC103022 Airfield Apron provides all primary and secondary roadways, utilities, site improvements, communications, and mitigation for possible dud munitions for site preparation. All work carried out is to comply with current base, Air Force, and Host Nation standards. Air conditioning: 173 kW (49 tons)</p>						
<p><b>11. Requirement:</b> 5,621 SM (60,500 SF)      <b>Adequate:</b> 0 SM      <b>Substandard:</b> 0 SM  <u>PROJECT:</u> Construct headquarters group and squadron operations and warehouse facilities.  <u>REQUIREMENT:</u> Group Headquarters to provide space for Group Commander, command section and group staff. Squadron operations to provide an adequate facility for Squadron Commander,</p>						

1. Component <b>USSOCOM</b>		<b>FY 2017 MILITARY CONSTRUCTION PROJECT DATA</b>		2. Date <b>FEB 2016</b>	
3. Installation and Location/UIC: <b>YOKOTA AIR BASE, JAPAN</b>			4. Project Title: <b>OPERATIONS AND WAREHOUSE FACILITIES</b>		
5. Program Element <b>1140494BB</b>		6. Category Code <b>141</b>	7. Project Number <b>AFSOC103008</b>	8. Project Cost (\$000) <b>26,710</b>	

command section, secure flight planning, briefing, and critique of aircrews and to direct flight operations of aircraft. Activities support the beddown of a special operations forces (SOF) CV-22 aircraft squadron. Properly configured facilities are essential to exercise secure command and control, operations, training and mission briefings. Space is also required to maintain, store and issue life support, aircrew flight equipment and clothing. Adequate storage facility properly sized and configured, for MRSP and aircraft parts to support bed down of SOF aircraft unit.

Development of the special operations mobility capacity supports primary mission of insertion, extraction, and re-supply of unconventional warfare forces and equipment into hostile or enemy-controlled territory using airland or airdrop procedures.

CURRENT SITUATION: The installation lacks facilities to support this function. As an interim solution, a temporary facility will be used. The installation also cannot support MRSP and Peacetime Operating Stock (POS) warehousing requirements. A non-warehouse facility in poor condition that is scheduled for demolition has been identified as a partial interim workaround. A small exterior covered storage facility will be built which will be repurposed for another storage shortfall once this MILCON is complete. Even with the use of both facilities, one third of the storage requirement will remain outside exposed to the elements and pilfering; decreasing their life expectancy and increasing the cost to the government.

IMPACT IF NOT PROVIDED: This MILCON supports replacement of the interim facilities in a timely manner and also supports the ability to plan and execute mission requirements with purpose built operations facilities required for productive sorties resulting in an overall positive impact to operations in support of USSOCOM missions. This MILCON also resolves inadequate secure storage for high value deployment spares and aircraft parts. Day-to-day operations will be inefficient with aircraft parts and MRSP kits spread out. One interim facility has limited long term availability due to host unit need to demolish it for host unit construction requirements. Lack of adequate aircraft parts and kits supply activities will also impact the ability to improve efficiency related to all special operations aircraft movement and maintenance resulting in an overall negative impact to USSOCOM missions.

ADDITIONAL: This project meets the criteria/scope specified in Air Force Manual 32-1084, "Facility Requirements." An economic analysis waiver will be required based on AFI 65-501 Section 1.22 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 (U.S.C.) 2802 (c), and other applicable laws and Executive orders. The project site flood vulnerability determination has been accomplished and the installation verified that the project site does not fall within the 100-year floodplain.

JOINT USE CERTIFICATION: N/A. USSOCOM budgets only for those facilities specifically for SOF use. Common support facilities are budgeted by the military departments. Reference Title 10, Section 165.

1. Component <b>USSOCOM</b>		<b>FY 2017 MILITARY CONSTRUCTION PROJECT DATA</b>		2. Date <b>FEB 2016</b>	
3. Installation and Location/UIC: <b>YOKOTA AIR BASE, JAPAN</b>			4. Project Title: <b>OPERATIONS AND WAREHOUSE FACILITIES</b>		
5. Program Element <b>1140494BB</b>		6. Category Code <b>141</b>	7. Project Number <b>AFSOC103008</b>	8. Project Cost (\$000) <b>26,710</b>	
<b>12. Supplemental Data:</b>					
A. Design Data (Estimates)					
(1) Status					
(a) Date Design Started					Oct 14
(b) Percent Complete as of January 2016					35%
(c) Date Design 35% Complete					Jan 16
(d) Date Design 100% Complete					Oct 16
(e) Parametric Cost Estimates Used to Develop Costs					Yes
(f) Type of Design Contract					Design Bid Build
(g) Energy Study and Life Cycle Analysis Performed					No
(2) Basis					
(a) Standard or Definitive Design Used					No
(b) Where Design Was Previously Used					N/A
(3) Total Cost (\$000)					
(a) Production of Plans and Specification					2,022
(b) All Other Design Costs					1,348
(c) Total Cost (a + b or d + e)					3,370
(d) Contract Cost					2,248
(e) In-House Cost					1,122
(4) Construction Contract Award Date					May 17
(5) Construction Start Date					Jun 17
(6) Construction Completion Date					Oct 19
B. Equipment associated with this project which will be provided from other appropriations:					
<u>Equipment Nomenclature</u>		<u>Procuring Appropriation</u>	<u>FY Appropriated or Requested</u>	<u>Cost (\$000)</u>	
Collateral Equipment		O&M, D-W	2019	5,876	
C4I Equipment		O&M, D-W	2019	1,462	
Air Force Special Operations Command Telephone: (850) 884-2260					

1. Component <b>USSOCOM</b>		<b>FY 2017 MILITARY CONSTRUCTION PROJECT DATA</b>			2. Date <b>FEB 2016</b>	
3. Installation and Location/UIC: <b>YOKOTA AIR BASE, JAPAN</b>			4. Project Title: <b>SIMULATOR FACILITY</b>			
5. Program Element <b>1140494BB</b>		6. Category Code <b>172</b>	7. Project Number <b>AFSOC103010</b>		8. Project Cost (\$000) <b>6,261</b>	
<b>9. COST ESTIMATES</b>						
Item		U/M	Quantity	Unit Cost	Cost (\$000)	
<b>PRIMARY FACILITY</b>					5,122	
SIMULATOR FACILITY (CC17121)(9,100 SF)		SM	845	5,942	(5,021)	
SUSTAINABLE DESIGN AND DEVELOPMENT AND ENERGY POLICY ACT 2005 COMPLIANCE		LS	--	--	(101)	
<b>SUPPORTING FACILITIES</b>					477	
UTILITIES		LS	--	--	(96)	
PAVEMENTS		LS	--	--	(153)	
SITE IMPROVEMENTS		LS	--	--	(147)	
COMMUNICATIONS		LS	--	--	(6)	
MITIGATION		LS	--	--	(50)	
PASSIVE FORCE PROTECTION MEASURES		LS	--	--	(25)	
SUBTOTAL					5,599	
CONTINGENCY (5%)					280	
TOTAL CONTRACT COST					5,879	
SUPERVISION, INSPECTION AND OVERHEAD (6.5%)					382	
TOTAL REQUEST					6,261	
TOTAL REQUEST (ROUNDED)					6,261	
EQUIPMENT FROM OTHER APPROPRIATIONS (NON-ADD)					(1,527)	
<p><b>10. Description of Proposed Construction:</b> Concrete foundation and floor slab, steel structure, masonry walls, sloping metal roof, fire alarm panels, fire suppression system and all necessary support. Functional areas include areas such as flight simulator high bay, small training device spaces, computer room, supply spares storage, maintenance area, briefing rooms, administration and common areas. Includes utilities, pavements, site improvements, communications and all other necessary support. Project AFSOC103022 Airfield Apron provides all primary and secondary roadways, utilities, site improvements, communications, and mitigation for possible dud munitions for site preparation. All work carried out is to comply with current base, Air Force, and Host Nation standards. Air conditioning: 63 kW (18 tons)</p>						
<p><b>11. Requirement:</b> 845 SM (9,100 SF)      <b>Adequate:</b> 0 SM      <b>Substandard:</b> 0 SM</p> <p><b>PROJECT:</b> Construct Simulator Facility.</p> <p><b>REQUIREMENT:</b> This project supports the bed down of a special operations forces (SOF) CV-22 aircraft squadron. It is required to provide an adequate facility for aircraft crews of the special operations squadron to conduct required training for both annual and semi-annual events to support crew upgrade training as well as specific mission rehearsals. Rehearsal devices provide essential realistic mission training, real world mission rehearsals, and emergency procedures training and reduce flying hours. Development of the special operations mobility capacity supports primary mission of insertion, extraction, and re-supply of unconventional warfare forces and equipment into hostile or enemy-controlled territory using airland or airdrop procedures.</p> <p><b>CURRENT SITUATION:</b> The installation lacks facilities to support this function. As an interim</p>						

1. Component <b>USSOCOM</b>		<b>FY 2017 MILITARY CONSTRUCTION PROJECT DATA</b>		2. Date <b>FEB 2016</b>	
3. Installation and Location/UIC: <b>YOKOTA AIR BASE, JAPAN</b>			4. Project Title: <b>SIMULATOR FACILITY</b>		
5. Program Element <b>1140494BB</b>		6. Category Code <b>172</b>	7. Project Number <b>AFSOC103010</b>	8. Project Cost (\$000) <b>6,261</b>	

solution, a temporary facility will be used to support the projected simulator delivery in FY17. This interim facility will be used to support the weapon system trainer (WST) in a non-motion configuration; not optimizing the device. This project is required to create a space that supports a full-motion WST with supporting activities to provide quality aircrew training in a safe and cost effective environment.

**IMPACT IF NOT PROVIDED:** Squadron will fly increased hours for training due to the non-availability of a full-motion WST for flight simulation. Crew members will also be forced to attend training stateside as some training scenarios (emergency procedures) are too dangerous for in flight practice. Increased flying hours do not allow for all high risk maneuvers to be simulated due to safety concerns. Stateside training for emergency procedure WST training drives additional expense and creates increased non-availability of aircrews. A non-motion WST reduces the quality of the training simulation. Without this project, combat readiness of special operations aircrews will be reduced due to the inability of aircrews to efficiently accomplish training events required to maintain currency and qualification in the aircraft resulting in an overall negative impact to USSOCOM missions.

**ADDITIONAL:** This project meets the criteria/scope specified in Air Force Manual 32-1084, "Facility Requirements." An economic analysis waiver will be required based on AFI 65-501 Section 1.22 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 (U.S.C.) 2802 (c), and other applicable laws and Executive orders. The project site flood vulnerability determination has been accomplished and the installation verified that the project site does not fall within the 100-year floodplain.

**JOINT USE CERTIFICATION:** N/A. USSOCOM budgets only for those facilities specifically for SOF use. Common support facilities are budgeted by the military departments. Reference Title 10, Section 165.

**12. Supplemental Data:**

A. Design Data (Estimates)

(1) Status

(a) Date Design Started	Oct 14
(b) Percent Complete as of January 2016	35%
(c) Date Design 35% Complete	Jan 16
(d) Date Design 100% Complete	Oct 16
(e) Parametric Cost Estimates Used to Develop Costs	Yes
(f) Type of Design Contract	Design Bid Build
(g) Energy Study and Life Cycle Analysis Performed	No

(2) Basis

(a) Standard or Definitive Design Used	No
(b) Where Design Was Previously Used	N/A

(3) Total Cost	(\$000)
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1. Component USSOCOM	<b>FY 2017 MILITARY CONSTRUCTION PROJECT DATA</b>			2. Date FEB 2016
3. Installation and Location/UIC: YOKOTA AIR BASE, JAPAN		4. Project Title: SIMULATOR FACILITY		
5. Program Element 1140494BB	6. Category Code 172	7. Project Number AFSOC103010	8. Project Cost (\$000) 6,261	
(a) Production of Plans and Specification		472		
(b) All Other Design Cost		314		
(c) Total Cost (a + b or d + e)		786		
(d) Contract Cost		527		
(e) In-House Cost		259		
(4) Construction Contract Award Date		Mar 17		
(5) Construction Start Date		Apr 17		
(6) Construction Completion Date		Jun 19		
B. Equipment Associated With This Project Which Will be Provided From Other Appropriations:				
<u>Equipment Nomenclature</u>	<u>Procuring Appropriation</u>	<u>FY Appropriated or Requested</u>	<u>Cost (\$000)</u>	
Collateral Equipment	O&M, D-W	2019	1,151	
C4I Equipment	O&M, D-W	2019	376	
Air Force Special Operations Command Telephone: (850) 884-2260				

**Washington Headquarters Services  
 FY 2017 Military Construction, Defense-Wide  
 (\$ in Thousands)**

<b><u>State/Installation/Project</u></b>	<b><u>Authorization Request</u></b>	<b><u>Approp. Request</u></b>	<b><u>New/ Current Mission</u></b>	<b><u>Page No.</u></b>
<b>Pentagon</b>				
Pentagon Metro Entrance Facility	12,111	12,111	C	175
Upgrade IT Facilities Infrastructure-RRMC	8,105	8,105	C	180
<b>Total</b>	<b>20,216</b>	<b>20,216</b>		





1. COMPONENT WHS		FY 2017 MILITARY CONSTRUCTION PROJECT DATA		2. DATE Feb 2016	
3. INSTALLATION AND LOCATION Pentagon Reservation			4. PROJECT TITLE Pentagon Metro Entrance Facility		
5. PROGRAM ELEMENT		6. CATEGORY CODE 144 13	7. PROJECT NUMBER 80916		8. PROJECT COST (\$000) 12,111
9. COST ESTIMATES					
ITEM		UM	QUANTITY	UNIT COST	COST(\$000)
PRIMARY FACILITY					9,358
Entrance Screening Facility		SF	10,400	431.9	(4,493)
Existing Canopy Removal/Modifications		SF	9,125	155	(1,414)
Fixed Equipment		LS	--	--	(538)
Security Equipment Infrastructure		LS	--	--	(1,584)
Intrusion Detection Infrastructure		LS	--	--	(28)
Total from Continuation page(s)					(1,301)
SUPPORTING FACILITIES					679
Electric Service		LS	--	--	(74)
Steam And/Or Chilled Water Distribution		LS	--	--	(271)
Paving, Walks, Curbs And Gutters		LS	--	--	(39)
Site Imp(244) Demo( )		LS	--	--	(244)
Antiterrorism Measures		LS	--	--	(32)
Info Systems		LS	--	--	(19)
ESTIMATED CONTRACT COST					10,037
CONTINGENCY (10.00%)					1,004
SUBTOTAL					11,041
SUPERVISION, INSPECTION & OVERHEAD (5.70%)					629
DESIGN/BUILD - DESIGN COST (4.0000%)					442
TOTAL REQUEST					12,111
TOTAL REQUEST (ROUNDED)					12,200
INSTALLED EQT - OTHER APPROPRIATIONS					2,324
10. Description of Proposed Construction					
<p>Construct a new Pedestrian Access Control Point (PACP) for employee screening at the Pentagon Metro Entrance. This addition to the existing building will include all required security equipment and systems; anti-terrorism/force protection (AT/FP); intrusion detection system, information system (IT/communications); safety and surveillance measures; screening and unauthorized personnel and hazardous materials detection capabilities; systems commissioning; utility services; lighting, heating, ventilation and air conditioning; interior renovations; demolition; and site work for conformance with Homeland Security Presidential Directive (HSPD) -12, Pentagon Integrated Security Master Plan (ISMP), Pentagon Exterior Standards, Architectural Barriers Act (ABA), Historical Preservation, Green Build/Leadership in Energy and Environmental Design (LEED) Silver, Sustainability and Energy Policy Act features, Unified Facilities Criteria (UFC) and all applicable Federal, State and local codes and requirements. The new employee screening facility will provide increased throughput capacity to safely and efficiently handle the large daily volume of Pentagon employees and badged personnel traffic using the Pentagon Metro Entrance and to decrease threats and risks to the attending police officers.</p> <p>Interior renovations to the existing Metro Entrance screening area will be required for integration and efficient functioning of the new employee screening</p>					

1. COMPONENT WHS	FY 2017 MILITARY CONSTRUCTION PROJECT DATA	2. DATE Feb 2016
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3. INSTALLATION AND LOCATION Pentagon Reservation	4. PROJECT TITLE Pentagon Metro Entrance Facility
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5. PROGRAM ELEMENT	6. CATEGORY CODE 144 13	7. PROJECT NUMBER 80916	8. PROJECT COST (\$000) 12,111
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9. COST ESTIMATES (CONTINUED)

ITEM	UM	QUANTITY	UNIT COST	COST (\$000)
PRIMARY FACILITY (CONTINUED)				
Foundations	LS	--	--	(923)
Sustainability/Energy Measures	LS	--	--	(139)
Antiterrorism Measures	LS	--	--	(139)
Building Information Systems	LS	--	--	(100)
			Total	<u>1,301</u>

facility with the new visitor screening facility at the Metro Entrance Pentagon. Existing screening equipment and antiquated systems will be removed and new proven state-of-the-art screening, surveillance and detection technologies and processes incorporated. New turnstiles, and ballistic rated glazing at exterior and officer posts, will be incorporated to enhance security, safety, and to protect the users and attending police officers from threats, and unauthorized entry. The new employee screening facility will be constructed over the existing Metro Station and will require a special foundation system, removal of existing utilities and canopies and replacing with new connections, and landscaping.

11. REQ: 10,400 SF ADQT: NONE SUBSTD: NONE

PROJECT:

Construct a new permanent employee screening facility at the Metro Entrance to the Pentagon.

REQUIREMENT:

This project is required to replace the existing antiquated, inadequate, and substandard screening and security system that does not comply with current security, life safety, throughput capacity, AT/FP, HSPD-12, ISMP and other governing criteria as required for the safety, security, efficient processing of DoD pass holders, and protection of the Pentagon tenants and attending police officer against unauthorized entry and threats.

CURRENT SITUATION:

The existing employee screening system was installed as a temporary solution to increased security requirements post 911, and the present conditions are inadequate and substandard and do not meet current security, safety, surveillance, screening, detection, AT/FP, pedestrian throughput capacity requirements.

IMPACT IF NOT PROVIDED:

Impact to safety, security, and protection of the Pentagon tenants and police officers from unauthorized entry and threats will continue to remain at the most heavily used and vulnerable entrance to the Pentagon and this access control point will not be in compliance with current HSPD-12, ISMP and other Federal, State and local codes and regulations which are being implemented at other

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1. COMPONENT  WHS	FY 2017 MILITARY CONSTRUCTION PROJECT DATA		2. DATE  Feb 2016
3. INSTALLATION AND LOCATION  Pentagon Reservation		4. PROJECT TITLE  Pentagon Metro Entrance Facility	
5. PROGRAM ELEMENT	6. CATEGORY CODE  144 13	7. PROJECT NUMBER  80916	8. PROJECT COST (\$000)  12,111

IMPACT IF NOT PROVIDED: (CONTINUED)

Pentagon access control points. This project is also needed to complete integration with the new Metro Entrance Visitor Screening Facility for maximum operational efficiency.

ADDITIONAL:

All applicable Federal, State, local codes, regulations and criteria will be integrated into this project including all applicable Pentagon standards. The Director WHS certifies that this project has been considered for joint use potential. The facility will be available for use by other components.

1. COMPONENT  WHS	FY 2017 MILITARY CONSTRUCTION PROJECT DATA			2. DATE  Feb 2016
3. INSTALLATION AND LOCATION Pentagon Reservation		4. PROJECT TITLE Pentagon Metro Employee Facility		
5. PROGRAM ELEMENT	6. CATEGORY CODE 14413	7. PROJECT NUMBER 80916	8. PROJECT COST (\$000) 12,111	

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

(a) Design Start Date.....	SEP 2015
(b) Percent Complete as of 15 Sep 2015 (DSGN YR).....	0
(c) Percent Complete as of 01 Jan 2016 (BDGT YR).....	15
(d) Percent Complete as of 01 Oct 2016 (PROG YR).....	35
(e) Concept Complete Date.....	SEP 2016
(f) Design Complete Date.....	SEP 2017
(g) Type of Design Contract: Design-build	

(2) Basis:

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

(c) Percentage of Design utilizing Standard Design ...	0
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(3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)

(a) Production of Plans and Specifications.....	0
(b) All Other Design Costs.....	600,000
(c) Total Design Cost.....	600,000
(d) Contract.....	425,000
(e) In-house.....	175,000

(4) Construction Contract Award.....	APR 2017
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(5) Construction Start.....	AUG 2017
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(6) Construction Completion.....	APR 2019
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<b>1. COMPONENT</b> Washington Headquarters Services			<b>FY 2017 MILITARY CONSTRUCTION PROGRAM</b>						<b>2. DATE</b> Feb 2016		
<b>3. INSTALLATION AND LOCATION</b> Pentagon Reservation (Raven Rock Mountain Complex)						<b>4. COMMAND</b> OSD/DAM			<b>5. AREA CONSTRUCTION COST INDEX</b> 1.14		
<b>6. PERSONNEL</b>		<b>(1) PERMANENT</b>			<b>(2) STUDENTS</b>			<b>(3) SUPPORTED</b>			<b>(4) TOTAL</b>
		<b>OFFICER</b>	<b>ENLISTED</b>	<b>CIVILIAN</b>	<b>OFFICER</b>	<b>ENLISTED</b>	<b>CIVILIAN</b>	<b>OFFICER</b>	<b>ENLISTED</b>	<b>CIVILIAN</b>	
a. AS OF 30 Sep 2015											23,000
b. END FY 2020											23,000
<b>7. INVENTORY DATA (\$000)</b>											
a. TOTAL ACREAGE											
b. INVENTORY TOTAL AS OF 30 Sep 2014											
c. AUTHORIZATION NOT YET IN INVENTORY											
d. AUTHORIZATION REQUESTED IN THIS PROGRAM)									8,105		
e. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM									0		
f. PLANNED IN NEXT THREE PROGRAM YEARS									0		
g. REMAINING DEFICIENCY									0		
h. GRAND TOTAL									8,105		
<b>8. PROJECTS REQUESTED IN THIS PROGRAM</b>											
a. CATEGORY						b. COST (\$000)					
(1) CODE	(2) PROJECT TITLE			(3) SCOPE				DESIGN START		STATUS COMPLETE	
13290	Upgrade IT Facilities Infrastructure			4,000 SF		8,105		03/2015		04/2019	
<b>9. FUTURE PROJECTS</b> N/A											
<b>10. MISSION OR MAJOR FUNCTIONS</b> Raven Rock Mountain Complex provides an enduring platform from where DOD can execute its mission essential functions in support of continuity of operations.											
<b>11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES</b>											
						(\$000)					
A. Air Pollution						0					
B. Water Pollution						0					
C. Occupational Safety and Health						0					

1. COMPONENT  WHS		FY 2017 MILITARY CONSTRUCTION PROJECT DATA			2. DATE  Feb 2016	
3. INSTALLATION AND LOCATION  Pentagon Reservation (Raven Rock Mountain Complex)				4. PROJECT TITLE  Upgrade IT Facilities Infrastructure-RRMC		
5. PROGRAM ELEMENT		6. CATEGORY CODE  132 90	7. PROJECT NUMBER  87744		8. PROJECT COST (\$000)  8,105	
9. COST ESTIMATES						
ITEM		UM	QUANTITY	UNIT COST	COST(\$000)	
PRIMARY FACILITY					3,414	
Sensitive Compartmented Info Fac		SF	4,000	627.83	(2,511)	
Comm Lines, fiberoptic and copper in RGS		LF	5,000	180.53	(903)	
SUPPORTING FACILITIES					3,618	
Electric Service		LS	--	--	(349)	
Steam And/Or Chilled Water Distribution		LS	--	--	(419)	
Site Imp(2,672) Demo(130)		LS	--	--	(2,802)	
Antiterrorism Measures		LS	--	--	(48)	
ESTIMATED CONTRACT COST					7,032	
CONTINGENCY (5.00%)					352	
SUBTOTAL					7,384	
SUPERVISION, INSPECTION & OVERHEAD (5.70%)					426	
DESIGN/BUILD - DESIGN COST (4.0000%)					295	
TOTAL REQUEST					8,105	
TOTAL REQUEST (ROUNDED)					8,105	
INSTALLED EQT - OTHER APPROPRIATIONS					1,215	
10. Description of Proposed Construction Construct new telecommunications rooms and upgrade outside cable plant to provide for upgraded data and communications capacity to meet increased service density and standard network cabling distance limitations. Size and locate rooms to accommodate information system design and distribution network and facilitate orderly and effective moves, additions, and changes to the information systems and provide flexibility in meeting the site's mission. Rooms must be able to provide 25% growth of IT equipment. Provide spaces and network pathways including all required security equipment and systems; anti-terrorism/ force protection (AT/FP); intrusion detection system, information system (IT/communications); safety and surveillance measures; systems commissioning; utility services; lighting; demolition; and site work for conformance with Homeland Security Presidential Directive (HSPD)-12, site Master Plan, Architectural Barriers Act (ABA), Historical Preservation, Green Build/Leadership in Energy and Environmental Design (LEED), Sustainability and Energy Policy Act features, Unified Facilities Criteria (UFC) and all applicable Federal, State, and local codes and requirements.						
11. REQ: 4,000 SF		ADQT: NONE		SUBSTD: 4,000 SF		
PROJECT: Construct telecommunication closets for upgraded telecommunication and data distribution.						

1. COMPONENT  WHS	FY 2017 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  Feb 2016
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3. INSTALLATION AND LOCATION Pentagon Reservation (Raven Rock Mountain Complex	4. PROJECT TITLE Upgrade IT Facilities Infrastructure-RRMC
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5. PROGRAM ELEMENT	6. CATEGORY CODE  132 90	7. PROJECT NUMBER  87744	8. PROJECT COST (\$000)  8,105
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PROJECT: (CONTINUED)

REQUIREMENT:

Provide adequate information systems infrastructure both classified and unclassified and to meet the site's mission. Centrally located Telecommunication Rooms paired with upgraded cabling plant will require less maintenance, provide more accessibility to IT personnel, and provide for additional information throughput to serve a greater user population with increasing bandwidth needs.

CURRENT SITUATION:

The facility currently has an IT infrastructure with inadequate capacity to serve current data needs and a layout that is inefficient and requires multiple hops which causes signal degradation and slow network speed. Additionally the lack of dedicated IT rooms on each floor of the main facility causes maintenance personnel to take an average of eight (8) hours per service ticket to track down and resolve problems with cabling not being properly routed, and equipment spread throughout the facility often in tenant spaces that should be centrally located for ease of access. The unnecessary complexity and inadequate capacity of the current infrastructure and equipment access constraints require work-arounds and delay both the information systems operators and end users. This could be eliminated by a more modern, higher capacity, information systems infrastructure.

IMPACT IF NOT PROVIDED:

If this project is not constructed site information systems users will not have the bandwidth available to efficiently perform their missions nor will information systems personnel have the ability to effectively upgrade proponent sponsored equipment as data needs continue to increase to meet user needs. Trouble-shooting delays will continue to result from the unnecessary complexity of the existing system.

ADDITIONAL:

All applicable codes will be integrated into this project. 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. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement. The Director WHS certifies that this project has been considered for joint use potential. Mission requirements, operational considerations, and location are incompatible with user by other components. Sustainable principles, to include life cycle cost effective practices, will be integrated into the design, development and construction of the project.

1. COMPONENT  WHS	FY 2017 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  Feb 2016
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3. INSTALLATION AND LOCATION Pentagon Reservation (Raven Rock Mountain Complex)	4. PROJECT TITLE Upgrade IT Facilities Infrass.- RRM
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5. PROGRAM ELEMENT	6. CATEGORY CODE 13290	7. PROJECT NUMBER 87744	8. PROJECT COST (\$000) 8,105
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12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

(a) Design Start Date.....	MAR 2015
(b) Percent Complete as of 15 Sep 2015 (DSGN YR).....	35
(c) Percent Complete as of 01 Jan 2016 (BDGT YR).....	0
(d) Percent Complete as of 01 Oct 2016 (PROG YR).....	0
(e) Concept Complete Date.....	SEP 2015
(f) Design Complete Date.....	SEP 2017
(g) Type of Design Contract: Design-build	

(2) Basis:

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

(c) Percentage of Design utilizing Standard Design ...	90
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(3) Total Design Cost (c) = (a)+(b) OR (d)+(e):

	(\$000)
(a) Production of Plans and Specifications.....	0
(b) All Other Design Costs.....	949,998
(c) Total Design Cost.....	949,998
(d) Contract.....	949,998
(e) In-house.....	0

(4) Construction Contract Award.....	APR 2017
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(5) Construction Start.....	AUG 2017
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(6) Construction Completion.....	APR 2019
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**FY2017 Energy Conservation Investment Program  
Project List**

<u>Project No.</u>	<u>Location</u>	<u>State</u>	<u>Project Description</u>	<u>Project Cost (\$000)</u>	<u>SIR*</u>	
<b>Army</b>						
81130	Dugway Proving Ground	UT	Install a Microgrid Control System	\$7,500	3.5	
81604	Tooele Army Depot	UT	Install Gas Lines and Fuel Swapping	\$8,200	2.1	
80872	Fort Hood	TX	UMCS Integration	\$1,300	3.6	
81834	American Samoa	American Samoa	Install 325KW PV System	\$2,100	1.5	
80960	Fort Hunter Liggett	CA	Construct Secondary Wastewater Treatment Facility	\$5,400	1.5	
87299	Tobyhanna Army Depot	PA	Retro Commission Facilities	\$850	2.4	
80600	Fort Drum	NY	Retrocommission Phase II	\$1,750	2.6	
81968	Detroit Arsenal	MI	Recirculating Air in Test Cells	\$2,050	2.2	
87253	Fort Drum	NY	Post Wide LED Lighting	\$2,750	2.3	
85921	Fort Lee	VA	Modernize High Bay & Exterior Lighting	\$1,250	1.4	
85759	Fort Polk	LA	Upgrade to Energy-Efficient Chillers, High-Bay Lighting	\$1,900	1.3	
85776	Fort Benning	GA	Retrofit Chillers Upgrade	\$2,200	1.3	
82215	Fort Carson	CO	Install High-Efficiency Boilers, Various Facilities	\$5,000	1.3	
<b>Army Program Totals</b>				<b>13 Projects</b>	<b>\$42,250</b>	<b>2.1</b>
<b>USN</b>						
P006	NAVBASE SAN DIEGO	CA	Smart Grid / Industrial Control Systems	\$4,230	2.9	
P333	SUBASE Kings Bay NAS Jacksonville	FL	Smart Grid / Industrial Control Systems	\$3,230	2.4	
P102	NSF DIEGO GARCIA	Diego Garcia	3 MW Solar PV Array	\$17,010	1.0	
P679	NAVBASE GUAM	Guam	Solar Assisted HVAC and R-22 HVAC Replacement	\$1,240	7.6	
P615	NAVSTA GUANTANAMO BAY	Guantanamo Bay	Electrical Power Plant Controls Upgrade	\$6,080	2.4	
P503	Andros Island NAS Key West	Bahamas	Install Electrical Load Management System	\$980	2.2	
P231	NSA SOUTH POTOMAC	MD	Envelope & Fixtures, Multiple Buildings	\$1,410	2.1	
P669	NAVBASE GUAM	Guam	1.6 MW Solar Array, WWTP	\$8,540	1.6	
<b>USN Program Totals</b>				<b>8 Projects</b>	<b>\$42,720</b>	<b>1.9</b>
<b>USMC</b>						
P 1337	MCAS Beaufort	SC	Barracks Chilled Water Storage System	\$1,395	1.3	
<b>USMC Program Totals</b>				<b>1 Project</b>	<b>\$1,395</b>	<b>1.3</b>
<b>USAF</b>						
MHMV150125	Kirtland Air Force Base	NM	LED Street Lights & Hangar Upgrade	\$1,350	2.9	
GLEN162605	Schriever Air Force Base	CO	EMCS Multi facilities	\$3,295	2.8	
ZNRE 12 1802	Yokota Air Base	Japan	Install EMCS In Multiple Facilities	\$1,725	3.2	
FXSB 15 1750	JB Elmendorf Richardson	AK	HVAC Energy Upgrade, Three CDC Bldgs	\$1,107	2.9	
KRSM 15 3006	Hill Air Force Base	UT	Replace Wall Pack Lighting at Multi Bldgs	\$1,638	2.5	
FSPM 14 1401	Edwards Air Force Base	CA	Repair Heating, Cooling, & Micro Turbine, General Ridley B1440	\$3,900	2.6	
ZHTV 12 0035	Wright Patterson Air Force Base	OH	Repair HTHW Line C (Area A) W/Natural Gas Boilers	\$14,400	2.5	
ANZY 11 0015	Arnold Air Force Base	TN	Repair Steam Insulation, Mech Rooms	\$1,215	2.3	
LXEZ 17 1383	Kadena Air Base	Japan	Upgrade Exterior Lighting Basewide	\$4,007	2.6	
FSPM 11 1403C	Edwards Air Force Base	CA	Repair Retrofit Lights Phase III Multi Bldgs	\$4,500	2.2	
QKKA 13 1025	Misawa Air Base	Japan	Replace Boilers at Plant Bldg 1337	\$5,315	1.9	
<b>USAF Program Totals</b>				<b>11 Projects</b>	<b>\$42,452</b>	<b>2.5</b>
<b>DLA</b>						
EU 17UE01	Rota	Spain	Construct 1MW Solar Array	\$3,710	2.2	
<b>DLA Program Totals</b>				<b>1 Project</b>	<b>\$3,710</b>	<b>2.2</b>
<b>NRO</b>						
NRO CAP 17 002	NRO Cape CCAS	FL	EPF LED Lighting Replacement	\$104	1.2	
NRO WF 17 05	Wesfields	VA	High Bay Lighting Upgrade	\$146	1.7	
<b>NRO Program Totals</b>				<b>2 Projects</b>	<b>\$250</b>	<b>1.5</b>
<b>NSA</b>						
31273	NSAH Wahiawa Kunia Oahu	HI	Renewable Energy System Installations and Facilities Energy Improvements - Oahu	\$14,890	1.3	
<b>NSA Program Totals</b>				<b>1 Project</b>	<b>\$14,890</b>	<b>1.3</b>
<b>DHA</b>						
P 1504	Naval Medical Center NMC Portsmouth	VA	ECIP - Facility Energy Improvements	\$273	4.0	
P 1505	Naval Medical Center NMC Portsmouth	VA	ECIP - Retro Commissioning Buildings 2 and 3 NMC Portsmouth	\$610	5.0	
<b>DHA Program Totals</b>				<b>2 Projects</b>	<b>\$883</b>	<b>4.7</b>
<b>WHS</b>						
ECIP17 PEN1	Various Locations	VA	Recommissioning	\$1,450	1.5	
<b>WHS Program Totals</b>				<b>1 Project</b>	<b>\$1,450</b>	<b>1.5</b>
<b>ECIP Program Totals</b>				<b>40 Projects</b>	<b>\$150,000</b>	<b>2.1</b>

\*SIR is Savings to Investment Ratio (\$ est. discounted lifetime savings / \$ invested)

<b>Energy Efficiency Subtotal (34 Projects)</b>	<b>\$98,350</b>	<b>2.45</b>
<b>Renewable Energy Subtotal (5 Projects)</b>	<b>\$46,250</b>	<b>1.33</b>
<b>Water Conservation Subtotal (1 Projects)</b>	<b>\$5,400</b>	<b>1.51</b>

1. COMPONENT	<b>FY 2017 MILITARY CONSTRUCTION PROGRAM</b>						2. DATE February 2016
3. INSTALLATION AND LOCATION Various	4. COMMAND Secretary of Defense				5. AREA CONSTRUCTION COST INDEX 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	<b>FY 2017 MILITARY CONSTRUCTION PROJECT DATA</b>			2. Date February 2016	
3. Installation and Location/UIC:  Various			4. Project Title  Contingency Construction		
5. Program Element  0109511D	6. Category Code  N/A	7. Project Number  N/A	8. Project Cost (\$000)  Approp: \$10,000		
<b>9. COST ESTIMATES</b>					
Item  Construction of facilities in support of operations vital to the security of the United States		U/M	Quantity	Unit Cost	Cost (\$000)  \$10,000
<b>10. Description of Proposed Construction</b>  For FY 2017, \$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.					
<b>11 Requirement:</b>					
<b>12. Supplemental Data:</b>					

1. COMPONENT	<b>FY 2017 MILITARY CONSTRUCTION PROGRAM</b>		2. DATE February 2016
3. INSTALLATION AND LOCATION  Various	4. COMMAND  Secretary of Defense		5. AREA CONSTRUCTION COST INDEX  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	35,452	N/A	N/A

9. FUTURE PROJECTS		
CATEGORY CODE	PROJECT TITLE	COST (\$000)
Various	Minor Construction (FY 2018-2021)	190,835

10. MISSION OR MAJOR FUNCTION
Various

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES
None

1. Component		<b>FY 2017 MILITARY CONSTRUCTION PROJECT DATA</b>			2. Date February 2016	
3. Installation and Location/UIC:  Various			4. Project Title  Minor Construction			
5. Program Element  N/A		6. Category Code  N/A	7. Project Number  N/A		8. Project Cost (\$000)  35,452	
<b>9. COST ESTIMATES</b>						
Item		U/M	Quantity	Unit Cost	Cost (\$000)	
Unspecified Minor Construction		LS			\$35,452	
Defense Health Agency		(8,500)				
DOD Education Activity		(3,000)				
Missile Defense Agency		(2,414)				
National Security Agency		(3,913)				
Joint Chiefs of Staff		(8,631)				
U.S. Special Operations Command		(5,994)				
Defense Level Activities		(3,000)				
<b>10. Description of Proposed Construction</b>						
Budget Subactivity: Unspecified Minor Construction						
<p>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).</p>						
<b>11 Requirement:</b>						
<p>The \$35,452,000 for FY 2017 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 \$8,631,000 is included to support exercise related construction projects for JCS sponsored exercises.</p>						
<b>12. Supplemental Data:</b>						
<p>a. Estimated design data: Not applicable.</p> <p>b. Equipment provided from other appropriations: Not applicable.</p>						

1. COMPONENT		<b>FY 2017 MILITARY CONSTRUCTION PROGRAM</b>						2. DATE February 2016			
3. INSTALLATION AND LOCATION  Various			4. COMMAND  Secretary of Defense				5. AREA CONSTRUCTION COST INDEX  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	PROJECT	PROJECT TITLE					COST	DESIGN	STATUS		
CODE	NUMBER						(\$000)	START	COMPLETE		
Various		Planning and Design					201,422	N/A	N/A		
9. FUTURE PROJECTS											
CATEGORY	PROJECT TITLE					COST					
CODE						(\$000)					
Various	Planning and Design (FY 2018-2021)					849,051					
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		<b>FY 2017 MILITARY CONSTRUCTION PROJECT DATA</b>			2. Date February 2016	
3. Installation and Location/UIC:  Various			4. Project Title  Planning and Design			
5. Program Element  N/A		6. Category Code  N/A	7. Project Number  N/A	8. Project Cost (\$000)  \$201,422		
<b>9. COST ESTIMATES</b>						
		Item	U/M	Quantity	Unit Cost	Cost (\$000)
Planning and Design						\$201,422
Defense Logistics Agency		(27,660)				
DoD Education Activity		(23,585)				
National Geospatial Intelligence Agency		(71,647)				
National Security Agency		(24,000)				
U.S. Special Operations Command		(27,653)				
Washington Headquarters Service		( 3,427)				
Defense Level Activities		(13,450)				
ECIP Design		(10,000)				
<b>10. Description of Proposed Construction</b>						
Funds are to be utilized for preparing plans and specifications for construction of the Defense Agencies and Secretary of Defense Activities.						
<b>11 Requirement:</b>						
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 2017 Defense Level funding covers planning and design for various defense activities, planning and design associated with exercise related construction, and covers efforts across the Department to standardize and distribute uniform design criteria.						
The FY 2017 budget request continues to separately identify planning and design funding associated with the Energy Conservation Investment Program (ECIP). The FY 2017 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.						

<b>Organization</b>	<b>State Country</b>	<b>Fiscal Year</b>	<b>Location Title</b>	<b>Line Item Title</b>	<b>TOA Amount</b>
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
DEFW	ZU	2021	Unspecified Worldwide Locations	Contingency Construction	14,400
DEFW	ZU	2021	Unspecified Worldwide Locations	Energy Conservation Investment Program	150,000
DHA	GA	2017	Fort Gordon	Medical Clinic Replacement	25,000
DHA	GY	2017	Rhine Ordnance Barracks	Medical Center Replacement Incr 6	58,063
DHA	JA	2017	Kadena AB	Medical Materiel Warehouse	20,881
DHA	MD	2017	Bethesda Naval Hospital	MEDCEN Addition/Alteration Incr 1	50,000
DHA	ME	2017	Kittery	Medical/Dental Clinic Replacement	27,100
DHA	NC	2017	Camp Lejeune	Dental Clinic Replacement	31,000
DHA	TX	2017	Sheppard AFB	Medical/Dental Clinic Replacement	91,910
DHA	CA	2018	Camp Pendleton, California	Medical/Dental Clinic	14,800
DHA	CA	2018	Camp Pendleton, California	Medical/Dental Clinic Replacement	28,500
DHA	CO	2018	Colorado Springs	Medical/Dental Clinic Addition/Alteration	6,700
DHA	GY	2018	Rhine Ordnance Barracks	Medical Center Replacement Incr 7	394,872
DHA	HI	2018	Schofield Barracks	Medical Clinic Alteration	134,000
DHA	MD	2018	Bethesda Naval Hospital	MEDCEN Addition/Alteration Incr 2	210,000
DHA	NC	2018	Camp Lejeune	Medical Clinic Addition/Alteration	10,300
DHA	NC	2018	Camp Lejeune	Medical/Dental Clinic	14,800
DHA	TX	2018	Fort Bliss	Blood Donor Center Replacement	10,300
DHA	GA	2019	Fort Gordon	Blood Donor Center	8,200
DHA	GY	2019	Geilenkirchen AB	Medical Clinic Replacement	20,094
DHA	MD	2019	Bethesda Naval Hospital	MEDCEN Addition/Alteration Incr 3	200,000
DHA	MD	2019	Patuxent River	Medical/Dental Clinic Replacement	52,000
DHA	WA	2019	Whidbey Island	Hospital Replacement	197,000
DHA	MD	2020	Bethesda Naval Hospital	Education and Research Building Add/Alt	278,000
DHA	MD	2020	Bethesda Naval Hospital	MEDCEN Addition/Alteration Incr 4	50,000
DHA	SC	2020	Beaufort	Hospital Replacement	158,000
DHA	AZ	2021	Davis-Monthan AFB	Medical/Dental Clinic Replacement	65,000
DHA	AZ	2021	Fort Huachuca	Medical Clinic Replacement	13,000
DHA	CA	2021	Miramar	Dental Clinic Replacement	33,000
DHA	CA	2021	Point Loma Annex	Naval Research Center Replacement	49,000
DHA	CO	2021	Fort Carson	Medical Clinic	17,000
DHA	MO	2021	Fort Leonard Wood	Blood Donor Center	14,000



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DHA	MO	2021	Fort Leonard Wood	Hospital Replacement Inc 1	100,000
DHA	OK	2021	Fort Sill	Behavioral Health Clinic Addition/Alteration	7,500
DHA	WA	2021	Fort Lewis	Behavioral Health Clinic Addition/Alteration	100,000
DHA	WA	2021	Fort Lewis	Hospital Addition/Alteration	100,000
DISA	AZ	2017	Fort Huachuca	JTIC Building 52110 Renovation	4,493
DISA	AZ	2018	Fort Huachuca	JTIC Buildings Renovations	2,640
DISA	AZ	2019	Fort Huachuca	JTIC Buildings Renovations	2,640
DISA	AZ	2020	Fort Huachuca	JTIC Buildings Renovations	2,665
DISA	AZ	2021	Fort Huachuca	JTIC Buildings Renovations	2,665
DLA	AK	2017	Joint Base Elmendorf-Richardson	Construct Truck Offload Facility	4,900
DLA	CA	2017	Travis AFB	Replace Hydrant Fuel System	26,500
DLA	DG	2017	Diego Garcia	Improve Wharf Refueling Capability	30,000
DLA	FL	2017	Patrick AFB	Replace Fuel Tanks	10,100
DLA	JA	2017	Iwakuni	Construct Truck Offload & Loading Facilities	6,664
DLA	KW	2017	Kwajalein Atoll	Replace Fuel Storage Tanks	85,500
DLA	SC	2017	Joint Base Charleston	Construct Hydrant Fuel System	17,000
DLA	TX	2017	Red River Army Depot	Construct Warehouse & Open Storage	44,700
DLA	UK	2017	Royal Air Force Lakenheath	Construct Hydrant Fuel System	13,500
DLA	AK	2018	Eielson AFB	Replace Pre-Filter Facility	2,000
DLA	GR	2018	Souda Bay	Construct Hydrant Fueling System	15,300
DLA	GU	2018	Andersen AFB	Construct Truck Offload Facility	23,500
DLA	GY	2018	Stuttgart	Relocate Retail Fuel Station	3,000
DLA	IT	2018	Sigonella	Construct Hydrant System	21,300
DLA	JA	2018	Iwakuni	Construct Bulk Storage Tanks (PH-1 of 4)	26,600
DLA	JA	2018	Okinawa	Replace Single Point Mooring System	12,500
DLA	JA	2018	Yokosuka	Upgrade Fuel Wharf Yokuse	34,500
DLA	MA	2018	Ayers Kaserne	Convert Bulk Tanks	2,500
DLA	NC	2018	Seymour Johnson AFB	Tanker Truck Delivery System	19,800
DLA	NJ	2018	Joint Base Mcguire-Dix-Lakehurst	Replace Hot Cargo Hydrant System	12,900
DLA	OK	2018	Mcalester	Replace Bulk Diesel System	3,220
DLA	SC	2018	Beaufort	Replace Fuel Distribution Facilities (PH2)	15,000
DLA	SC	2018	Shaw AFB	Replace Truck Fillstands	22,500
DLA	TX	2018	Joint Base San Antonio	Construct Aerospace Facility	8,000
DLA	UT	2018	Hill AFB	Replace POL Pumphouse	19,200
DLA	VA	2018	Norfolk	Hazardous Materials Warehouse & Sheds	25,300
DLA	AR	2019	Little Rock AFB	Alter Hydrant Fuel System	3,900
DLA	CA	2019	Miramar	Relocate 8" Miramar Pipeline	5,000
DLA	GY	2019	Ramstein AB	Construct Vehicle Fueling Facility	3,600
DLA	JA	2019	Iwakuni	Construct T-5 Pier	12,500
DLA	JA	2019	Yokosuka	Construct Fueling Wharf	92,437

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DLA	NH	2019	Portsmouth	Consolidated Warehouse	10,000
DLA	OH	2019	Columbus AFB	Replace Fuel Facilities, B1918	2,900
DLA	OH	2019	Wright-Patterson AFB	Replace Hydrant System	12,000
DLA	TK	2019	Incirlik AB	Construct Hydrant Fuel System, ""B"" Ramp	23,540
DLA	TX	2019	Red River Army Depot	General Purpose Warehouse	52,000
DLA	VA	2019	Def Distribution Depot Richmond	Operations Center Phase II	52,000
DLA	WA	2019	Joint Base Lewis-Mcchord	Construct Refueling Facility	5,400
DLA	CA	2020	Camp Pendleton, California	Replace ACU5 Fuel System	2,038
DLA	GA	2020	Robins AFB	Upgrade Hydrant System B-39	24,000
DLA	GA	2020	Savannah/Hilton Head IAP	Replace Fuels Storage Complex	18,000
DLA	JA	2020	Iwakuni	Construct Bulk Storage Tanks (PH-2 of 4)	23,540
DLA	JA	2020	Kadena AB	Construct Truck Offload Facilities	13,232
DLA	JA	2020	Misawa AB	Construct Truck Offload Facility	4,338
DLA	JA	2020	Okinawa	Construct Truck Offload System	3,980
DLA	JA	2020	Yokosuka	Replace GV Fuel Facility	4,716
DLA	JA	2020	Yokosuka	Upgrade Fuel Wharf	14,252
DLA	MA	2020	Ayers Kaserne	Construct Refueling Facility Xray Wharf	9,400
DLA	NE	2020	Offutt AFB	Replace GV Fuel Facility	1,500
DLA	NM	2020	Kirtland AFB	Replace Fuel Tanks, Piping Bldg. 1041	1,520
DLA	OH	2020	Columbus Center	Construct HR Operations Center	19,000
DLA	OK	2020	Tulsa lap	Constuct Fuels Storage Complex	15,800
DLA	PA	2020	Def Distribution Depot New Cumberland	General Purpose Warehouse (730)	56,000
DLA	SD	2020	Ellsworth AFB	Replace TypeIII Hydrant System	28,000
DLA	VA	2020	Joint Base Langley-Eustis	Replace Fuel Facilities	5,700
DLA	VA	2020	Joint Base Langley-Eustis	Replace GVFF	6,000
DLA	VA	2020	Joint Base Myer-Henderson	Replace Operations Facility	7,200
DLA	WA	2020	Joint Base Lewis-Mcchord	Construct GV Fuel Facilities	13,800
DLA	AK	2021	Eielson AFB	Replace Fuels Management & Lab Facility	4,100
DLA	AZ	2021	Gila Bend	Replace Fuel Facilities	1,500
DLA	CA	2021	Beale AFB	Construct Fuel Facilities	3,400
DLA	CA	2021	Beale AFB	Replace Hydrant System	23,500
DLA	CA	2021	Beale AFB	Replace Refuler Parking	1,900
DLA	CA	2021	Defense Fuel Support Point-San Diego	Consolidate DFSP Operations & Maintenance	8,826
DLA	CA	2021	Miramar	Consolidate OPS, LAB & Refuler Parking	5,450
DLA	CA	2021	Twentynine Palms, California	Construct Fuel Facility Camp Wilson	9,460
DLA	CO	2021	Buckley Air Force Base	Replace Military Service Station	6,400
DLA	GU	2021	Andersen AFB	Replace Refuler Parking Area	5,400
DLA	GY	2021	Ramstein AB	Consolidate Fuel Operations Facility	3,500
DLA	HI	2021	Joint Base Pearl Harbor-Hickam	Replace Refuler Parking Area	2,500
DLA	ID	2021	Mountain Home AFB	Replace Hydrant System	11,900

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DLA	JA	2021	Camp Fuji	Construct TV Refuel Station	2,900
DLA	JA	2021	Kadena AB	Upgrade Refuler Parking Area	2,200
DLA	JA	2021	Torri Commo Station	Modify Fuel System (White Beach Pier)	3,200
DLA	MS	2021	Meridian	Replace Fuel Operation Facilities	2,000
DLA	OH	2021	Columbus AFB	Replace Fuel Operations Building	1,400
DLA	OK	2021	Vance AFB	Replace Pump House Facility	1,700
DLA	PA	2021	Def Distribution Depot New Cumberland	General Purpose Warehouse (734)	58,900
DLA	SC	2021	Shaw AFB	Construct Hydrant Fuel System	28,700
DLA	SD	2021	Ellsworth AFB	Replace Bulk Storage Tanks	8,600
DLA	TN	2021	Arnold Air Force Base	Consolidate Fuel Operations Facility	1,300
DLA	TX	2021	Laughlin AFB	Replace Truck Offload System	1,500
DLA	TX	2021	Red River Army Depot	Controlled Humidity Warehouse	59,000
DLA	UK	2021	Royal Air Force Lakenheath	Construct Hot Pit Hydrant System	14,103
DLA	WV	2021	Camp Dawson	Replace Fuel Facility	1,500
DODEA	DE	2017	Dover AFB	Welch ES/Dover MS Replacement	44,115
DODEA	GY	2017	Kaiserslautern AB	Sembach Elementary/Middle School Replacement	45,221
DODEA	JA	2017	Kadena AB	Kadena Elementary School Replacement	84,918
DODEA	UK	2017	Croughton RAF	Croughton Elem/Middle/High School Replacement	71,424
DODEA	GY	2018	Stuttgart	Robinson Barracks ES/MS - replace school	41,608
DODEA	GY	2018	Weisbaden	Aukamm ES-Replace School	42,345
DODEA	IT	2018	Vicenza	Replace Vicenza High School	35,553
DODEA	JA	2018	Kadena AB	Kadena HS - replace renovate school	139,577
DODEA	JA	2018	Yokosuka	Kinnick HS - Replace School	133,996
DODEA	KY	2018	Fort Campbell	Barsanti ES-Addition	4,924
DODEA	PR	2018	Punta Borinquen	Ramey Unit School - replace school	51,862
DODEA	TK	2018	Ankara	Incirlik EHS-Replace School	53,682
DODEA	GY	2019	Baumholder	Smith ES-Replace School	43,588
DODEA	GY	2019	Kaiserlautern AB	Kaiserslautern MS - Replace School	72,207
DODEA	JA	2019	Kadena AB	Replace Stearley Heights Elementary School	116,394
DODEA	JA	2019	Yokota AB	Yokota West ES-Renovation	22,645
DODEA	KR	2019	Camp Walker	Daegu Elementary School - New School	39,238
DODEA	KY	2019	Fort Campbell	Ft Campbell HS - Renovate for Wassom MS	11,685
DODEA	PR	2019	Fort Buchanan	Puerto Rico DSO-Replace Facility	9,364
DODEA	TK	2019	Ankara	Ankara ES/HS - replace school	20,243
DODEA	GA	2020	Fort Benning	Georgia-Alabama DSO-Replace Facility	4,624
DODEA	GA	2020	Fort Stewart	Brittin ES - replace school	15,888
DODEA	GY	2020	Baumholder	Baumholder MS/HS - replace school	40,415
DODEA	GY	2020	Landstuhl	Landstuhl ES/MS- replace school	55,472
DODEA	JA	2020	Yokota AB	Bechtel ES - Renovate School	23,774
DODEA	KY	2020	Fort Campbell	Jackson ES - replace school	46,568

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DODEA	NC	2020	Fort Bragg	Albritton MS-Replace School	42,225
DODEA	PR	2020	Fort Buchanan	Antilles HS - replace school	58,918
DODEA	UK	2020	Royal Air Force Lakenheath	Isles DSO-Replace DSO	4,521
DODEA	VA	2020	Dahlgren	Dahlgren School - Replace School	31,078
DODEA	GY	2021	Ramstein AB	EIC Project-New School	65,417
DODEA	GY	2021	Ramstein AB	EIC Project-New School	65,417
DODEA	JA	2021	Camp Zama	Zama American MS-Replace School	28,886
DODEA	JA	2021	Yokosuka	Sullivans ES-Replace School	83,377
DODEA	JA	2021	Yokota AB	Mendel ES-Renovate/Replace School	69,615
MDA	AK	2017	Clear AFS	Long Range Discrim Radar Sys Complex Ph1	155,000
MDA	AK	2017	Fort Greely	Missile Defense Complex Switchgear Facility	9,560
MDA	WK	2017	Wake Island	Test Support Facility	11,670
MDA	AK	2019	Clear AFS	Long Range Discrim Radar Sys Complex Ph2	150,000
NGA	MO	2017	St Louis	Land Acquisition-Next NGA West (N2W) Campus	801
NGA	MO	2018	St Louis	Next NGA West (N2W) Campus, Ph1	268,759
NGA	MO	2019	St Louis	Next NGA West (N2W) Campus, Ph 2	222,513
NGA	MO	2020	St Louis	Next NGA West (N2W) Campus, Ph 3	213,214
NGA	MO	2021	St Louis	Next NGA West (N2W) Campus, Ph 4	170,991
NSA	MD	2017	Fort Meade	Access Control Facility	21,000
NSA	MD	2017	Fort Meade	NSAW Campus Feeders Phase 3	17,000
NSA	MD	2017	Fort Meade	NSAW Recapitalize Building #2 Incr 2	195,000
NSA	MD	2018	Fort Meade	NSAW Recapitalize Building #2 Incr 3	313,692
NSA	MD	2019	Fort Meade	Access Control Facility	38,123
NSA	MD	2019	Fort Meade	NSAW Recapitalize Building #2 Incr 4	238,000
NSA	MD	2019	Fort Meade	NSAW Recapitalize Building #3	83,000
NSA	MD	2020	Fort Meade	NSAW Recap Building 3A	39,667
NSA	MD	2020	Fort Meade	NSAW Recapitalize Building #3	299,000
NSA	MD	2021	Fort Meade	NSAW Recap Building 3A	142,560
NSA	MD	2021	Fort Meade	NSAW Recapitalize Building #3	238,910
SOCOM	CA	2017	Coronado	SOF Human Performance Training Center	15,578
SOCOM	CA	2017	Coronado	SOF Seal Team Ops Facility	47,290
SOCOM	CA	2017	Coronado	SOF Seal Team Ops Facility	47,290
SOCOM	CA	2017	Coronado	SOF Special RECON Team ONE Operations Fac	20,949
SOCOM	CA	2017	Coronado	SOF Training Detachment ONE Ops Facility	44,305
SOCOM	GA	2017	Fort Benning	SOF Tactical Unmanned Aerial Vehicle Hangar	4,820
SOCOM	JA	2017	Kadena AB	SOF Maintenance Hangar	42,823
SOCOM	JA	2017	Kadena AB	SOF Simulator Facility (MC-130)	12,602
SOCOM	JA	2017	Yokota AB	Airfield Apron	41,294
SOCOM	JA	2017	Yokota AB	Hangar/AMU	39,466
SOCOM	JA	2017	Yokota AB	Operations and Warehouse Facilities	26,710

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SOCOM	JA	2017	Yokota AB	Simulator Facility	6,261
SOCOM	NC	2017	Fort Bragg	SOF Combat Medic Training Facility	10,905
SOCOM	NC	2017	Fort Bragg	SOF Parachute Rigging Facility	21,420
SOCOM	NC	2017	Fort Bragg	SOF Special Tactics Facility (PH3)	30,670
SOCOM	NC	2017	Fort Bragg	SOF Tactical Equipment Maintenance Facility	23,598
SOCOM	CA	2018	Camp Pendleton	SOF Marine Battalion Company/Team Facilities	9,869
SOCOM	CA	2018	Camp Pendleton	SOF Motor Transport Facility Expansion	7,219
SOCOM	CA	2018	Coronado	SOF Basic Training Command	55,500
SOCOM	CA	2018	Coronado	SOF Basic Training Command #2	40,213
SOCOM	CA	2018	Coronado	SOF Logistics Support Unit One Ops Facility #	45,761
SOCOM	CA	2018	Coronado	SOF SEAL Team Ops Facility	65,624
SOCOM	CA	2018	Coronado	SOF SEAL Team Ops Facility	49,814
SOCOM	FL	2018	Hurlburt Field	SOF Light Aircraft Maintenance Facility	23,983
SOCOM	FL	2018	Hurlburt Field	SOF Small Arms Range	23,553
SOCOM	JA	2018	Kadena AB	SOF Special Tactics Operations Facility	36,400
SOCOM	JA	2018	Torri Commo Station	SOF Tactical Equipment Maintenance Facility	26,000
SOCOM	NC	2018	Camp Lejeune	SOF Motor Transport Maintenance Expansion	20,355
SOCOM	NC	2018	Fort Bragg	SOF Human Performance Training Center	15,348
SOCOM	NC	2018	Fort Bragg	SOF Support Battalion Admin Facility	9,910
SOCOM	NC	2018	Fort Bragg	SOF Tactical Equipment Maintenance Facility	18,830
SOCOM	NC	2018	Fort Bragg	SOF Telecommunications Reliability Improvemen	3,925
SOCOM	NC	2018	Fort Bragg	SOF Vehicle Maintenance Facility	12,240
SOCOM	NM	2018	Cannon AFB	SOF C-130 AGE Facility	6,870
SOCOM	VA	2018	Joint Expeditionary Base Little Creek - Story	SOF SATEC Range Expansion	22,794
SOCOM	XC	2018	Classified Location	Battalion Complex, PH 1	64,364
SOCOM	XC	2018	Classified Location	Battalion Complex, PH2	41,709
SOCOM	AZ	2019	Yuma	SOF Hangar	37,694
SOCOM	CA	2019	Camp Pendleton	SOF EOD Facility - West	2,086
SOCOM	CA	2019	Coronado	SOF ATC Applied Instruction Facility	14,932
SOCOM	CA	2019	Coronado	SOF ATC Training Facility	18,468
SOCOM	CA	2019	Coronado	SOF NSWCEN Close Quarters Combat Facility	12,864
SOCOM	CA	2019	Coronado	SOF NSWG-1 Operations Support Facility	19,254
SOCOM	CO	2019	Fort Carson	SOF Human Performance Training Center	15,226
SOCOM	CO	2019	Fort Carson	SOF Mountaineering Facility	10,805
SOCOM	FL	2019	Hurlburt Field	SOF Mission Exercise and Isolation Site	12,769
SOCOM	FL	2019	Hurlburt Field	SOF Special Operations Air Warfare Center	13,490
SOCOM	FL	2019	Key West	SOF Watercraft Maintenance & Storage Facility	6,348
SOCOM	HI	2019	Pearl Harbor	SOF Undersea Operational Training Facility	46,689
SOCOM	JA	2019	Kadena AB	SOF Human Performance Training Center	12,600
SOCOM	KY	2019	Fort Campbell	SOF Air/Ground Integration Urban Live Fire Ra	9,037

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SOCOM	KY	2019	Fort Campbell	SOF Human Performance Training Center	11,395
SOCOM	NC	2019	Fort Bragg	SOF Battalion Operations Facility	40,276
SOCOM	NC	2019	Fort Bragg	SOF Renovate H-2639	6,367
SOCOM	NC	2019	Fort Bragg	SOF Replace Maze and Tower	12,095
SOCOM	NC	2019	Fort Bragg	SOF SERE Resistance Training Laboratory Compl	20,138
SOCOM	NM	2019	Cannon AFB	SOF NSAvM Hangar/AMU	16,305
SOCOM	VA	2019	Dam Neck	SOF Magazines	9,027
SOCOM	VA	2019	Joint Expeditionary Base Little Creek - Story	SOF Human Performance Training Center	12,191
SOCOM	WA	2019	Joint Base Lewis-Mcchord	SOF 22 STS Operations Facility	35,115
SOCOM	WA	2019	Keyport	SOF Coldwater Training/Austere Environment Fa	11,050
SOCOM	XC	2019	Classified Location	Battalion Complex, Ph 3	41,750
SOCOM	ZU	2019	Unspecified Worldwide Locations	Facility Addition	6,090
SOCOM	ZU	2019	Unspecified Worldwide Locations	Supply Support Facility	8,431
SOCOM	AZ	2020	Yuma	SOF Military Free Fall Advanced Training Comp	44,448
SOCOM	AZ	2020	Yuma	SOF Ready Building	11,692
SOCOM	CA	2020	Coronado	SOF ATC Operations Support Facility	14,629
SOCOM	CA	2020	Coronado	SOF Camp Michael Mansoor Training Support Fac	30,435
SOCOM	CA	2020	Coronado	SOF SERE Training Facility	15,217
SOCOM	CO	2020	Fort Carson	SOF Battalion Ops Facility Upgrade	20,339
SOCOM	FL	2020	Hurlburt Field	SOF Squadron Operations Facility	25,796
SOCOM	GA	2020	Fort Benning	SOF RSTA Operations Facility	4,465
SOCOM	GA	2020	Hunter Army Airfield	SOF Human Performance Training Center	7,739
SOCOM	KY	2020	Fort Campbell	SOF Logistics Support Operations Facility	3,273
SOCOM	KY	2020	Fort Campbell	SOF Multi-Use Helicopter Training Facility	4,961
SOCOM	NC	2020	Fort Bragg	SOF Assessment and Selection Training Complex	9,825
SOCOM	NC	2020	Fort Bragg	SOF Group Headquarters	19,843
SOCOM	NC	2020	Fort Bragg	SOF Human Performance Training Center	15,229
SOCOM	NC	2020	Fort Bragg	SOF Operations Facility	3,472
SOCOM	NC	2020	Fort Bragg	SOF Operations Support Bldg	12,898
SOCOM	NC	2020	Fort Bragg	SOF Supply Support Activity	7,937
SOCOM	NC	2020	Fort Bragg	SOF THOR3 Facility	11,389
SOCOM	VA	2020	Dam Neck	SOF Demolition Training Compound Expansion	11,608
SOCOM	VA	2020	Dam Neck	SOF Transportation/Logistics Facility	11,791
SOCOM	VA	2020	Fort Pickett	SOF SOUC Training Facility	30,238
SOCOM	VA	2020	Joint Expeditionary Base Little Creek - Story	SOF NSWG-10 Operations Facility	15,709
SOCOM	WA	2020	Joint Base Lewis-Mcchord	SOF Battalion Operations Facility	40,678
SOCOM	WA	2020	Joint Base Lewis-Mcchord	SOF Consolidated Rigging Facility	24,804
SOCOM	ZU	2020	Unspecified Worldwide Locations	Maintenance Facility Addition	7,441
SOCOM	ZU	2020	Unspecified Worldwide Locations	Training Campus	11,782
SOCOM	FL	2021	Hurlburt Field	SOF Human Performance Training Center	10,378



<b>Organization</b>	<b>State Country</b>	<b>Fiscal Year</b>	<b>Location Title</b>	<b>Line Item Title</b>	<b>TOA Amount</b>
SOCOM	FL	2021	Hurlburt Field	SOF Maint Operations Squadron Facility	8,136
SOCOM	FL	2021	Key West	SOF Watercraft Storage Facility	5,953
SOCOM	GA	2021	Hunter Army Airfield	SOF Consolidated Rigging Facility	24,804
SOCOM	GA	2021	Hunter Army Airfield	SOF Indoor/Outdoor Range	11,906
SOCOM	GY	2021	Panzer Kaserne	SOF Human Performance Training Center	7,739
SOCOM	GY	2021	Stuttgart-Patch Barracks	SOF Battalion Renovation	49,345
SOCOM	GY	2021	Stuttgart-Patch Barracks	SOF Joint Parachute Rigging Facility	9,922
SOCOM	HI	2021	Pearl City	SOF Dry Combat Submersible Ops Facility	19,850
SOCOM	HI	2021	Pearl City	SOF Indoor Dynamic Shooting Facility	10,658
SOCOM	KY	2021	Fort Campbell	SOF Operations Facility	3,472
SOCOM	KY	2021	Fort Campbell	SOF SOAT-B HQ	23,563
SOCOM	NC	2021	Camp Lejeune	SOF Marine Special Operations Regiment HQ	13,295
SOCOM	NC	2021	Fort Bragg	SOF Admin/Company Operations	16,799
SOCOM	NC	2021	Fort Bragg	SOF Close Quarters Combat Range	7,025
SOCOM	NC	2021	Fort Bragg	SOF Command Headquarters	16,866
SOCOM	NC	2021	Fort Bragg	SOF D3915 RENOVATION BANK HALL	39,494
SOCOM	NC	2021	Fort Bragg	SOF Human Performance Training Center	11,509
SOCOM	NC	2021	Fort Bragg	SOF Military Working Dog Facility	4,634
SOCOM	VA	2021	Dam Neck	SOF Multi-Purpose Range	28,276
SOCOM	WA	2021	Joint Base Lewis-Mcchord	SOF Group Headquarters	29,764
SOCOM	ZC	2021	Classified Location	Training Target Structure	5,106
SOCOM	ZU	2021	Unspecified Worldwide Locations	Headquarters Expansion	27,481
SOCOM	ZU	2021	Unspecified Worldwide Locations	SOF OPERATIONS FACILITY	24,804
WHS	VA	2017	Pentagon	Pentagon Metro Entrance Facility	12,111
WHS	VA	2017	Pentagon	Upgrade IT Facilities Infrastructure-RRMC	8,105
WHS	VA	2018	Pentagon	Commuter Plaza & Transit Bus Routing Safety Upgrad	22,450
WHS	VA	2018	Pentagon	Pentagon Corridor 8 Screening Facility	7,200
WHS	VA	2018	Pentagon	Pentagon North Village Secondary VACP & Fencing	8,000
WHS	VA	2018	Pentagon	Security Updates - RRMC	13,260
WHS	VA	2019	Pentagon	Pentagon Backup Power Generator	3,000
WHS	VA	2019	Pentagon	West Gate Renovation, COOP Parking & Security	32,697
WHS	VA	2020	Pentagon	Pentagon South Parking Lot West End	27,451
WHS	VA	2020	Pentagon	Perimeter Security Fencing & Erosion Controls	9,491
WHS	VA	2021	Pentagon	Op Facility Area (RRMC)	32,165
WHS	VA	2021	Pentagon	Pentagon Corridor & Bridge Canopy	6,000

1. COMPONENT Joint Staff	<b>FY 2017 MILITARY CONSTRUCTION PROGRAM</b>	2. DATE February 2016
3. INSTALLATION AND LOCATION Various	4. COMMAND Secretary of Defense	5. AREA CONSTRUCTION COST INDEX 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		ERI: Unspecified Minor Construction	5,000	N/A	N/A

9. FUTURE PROJECTS			
CATEGORY CODE	PROJECT TITLE	COST (\$000)	

10. MISSION OR MAJOR FUNCTION
Various

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES
None



1. Component Joint Staff		<b>FY 2017_MILITARY CONSTRUCTION PROJECT DATA</b>				2. Date February 2016	
3. Installation and Location/UIC:  Various				4. Project Title  ERI Unspecified Minor Construction			
5. Program Element  N/A		6. Category Code  N/A		7. Project Number  N/A		8. Project Cost (\$000)  5,000	
<b>9. COST ESTIMATES</b>							
Item				U/M	Quantity	Unit Cost	Cost (\$000)
ERI Unspecified Minor Construction				LS			\$5,000
<b>10. Description of Proposed Construction</b>							
Budget Subactivity: Unspecified Minor Construction							
Unspecified Minor Construction is required to enable Exercise Related Construction in support of European Reassurance Initiatives (ERI).							
<b>11 Requirement:</b>							
Multiple projects will be required to carry out various FY 2017 military exercises with NATO partners that further the ERI.							
IMPACT IF NOT PROVIDED: If this funding is not provided, exercise related minor construction projects will not be constructed, adversely affecting the Department's ability to execute the ERI-related assurance strategies.							
<b>12. Supplemental Data:</b>							
a. Estimated design data: Not applicable.							
b. Equipment provided from other appropriations: Not applicable.							
c. Estimated Construction Award/Start/End dates: not applicable.							
ADDITIONAL: The FY 2015 National Defense Authorization Act requires all ERI projects to be submitted for NATO reimbursement. As projects are identified, they will be submitted for pre-financing.							

Host Country In-Kind Contributions  
 Republic of Korea Funded Construction  
 Calendar Year (CY) 2017-2018  
 Installation Index  
**Authorization Request**

		(\$ in thousands)				
Service	Base/Camp	Project Title	CY 2017	CY 2018	Total	Page No.
<b>Defense-Wide</b>			<b>95,500</b>	<b>42,000</b>	<b>137,500</b>	
		<i>Defense Logistics Agency (DLA)</i>				
		<b>Camp Carroll</b>				
		Sustainment Facilities Upgrade Phase 1 – DLA Warehouse	74,600	-	74,600	203
		<i>Department of Defense Education Activity (DODEA)</i>				
		<b>USAG Humphreys</b>				
		Elementary School	-	42,000	42,000	205
		<i>Special Operations Command (SOCOM)</i>				
		<b>Incheon Special Warfare Command</b>				
		Special Operations Command, Korea (SOCKOR) Contingency Operations Center and Barracks	9,900	-	9,900	208
		<b>K-16 Air Base</b>				
		Special Operations Forces (SOF) Operations Facility, B-606	11,000	-	11,000	211



1. Component DLA		CY 2017 REPUBLIC OF KOREA FUNDED CONSTRUCTION (ROKFC)PROJECT DATA		2. Date FEBRUARY 2016	
3. Installation and Location CAMP CARROLL, DAEGU, SOUTH KOREA			4. Project Title Sustainment Facilities Upgrade Ph 1 - DLA Warehouse		
5. Program Element N/A		6. Category Code 441	7. Project Number A17R625 (87008)	8. Project Cost (\$000) 74,600	
<p>Carroll. These facilities were constructed in the 1960s and 1970s and have exceeded their useful life expectancy by several decades. They are costly to operate and maintain and do not meet current DoD and Life Safety Code standards. They are failing and hazardous, are not economically repairable, and cannot handle the volume of sustainment cargo anticipated during hostilities and contingency operations. The existing facilities also occupy a large footprint, some of which must be vacated and demolished before commencing construction of the next phase of Camp Carroll's overall plan.</p> <p>IMPACT IF NOT PROVIDED: If this project is not provided, the USFK TCSP will remain unable to handle the volume of sustainment cargo anticipated during hostilities and contingency operations. DLA will continue to operate in failing, hazardous, substandard and inefficient facilities that have exceeded their useful life expectancy by several decades, are costly to operate and maintain, and do not meet current DoD and Life Safety Code standards.</p> <p>ADDITIONAL: The Deputy Assistant Secretary of the Army for Installations certifies that this project has been considered for joint use potential. This facility will be available for use by other components. This project is located on an installation that will be retained by United States Forces Korea and Eighth United States Army.</p> <p>No portion of the facility(s) to be constructed, as identified within the scope of this DD1391, is intended for Republic of Korea personnel exclusive or primary use.</p>					
12. Supplemental Data:					
A. Estimated Design Data:					
1. Status					
(a) Date Design Started:				08/15	
(b) Parametric Cost Estimate Used to Develop Costs (Yes/No):				Yes	
(c) Percent Complete as of September 2015:				5	
(d) Date 35 Percent Complete:				04/16	
(e) Date Design Complete:				02/17	
(f) Type of Design Contract				D/B/B	
2. Basis					
(a) Standard or Definitive Design:				No	
(b) Date Design was Most Recently Used:					
3. Total Cost (c) = (a)+(b) or (d)+(e) (\$000)					
(a) Production of Plans and Specifications				3,730	
(b) All Other Design Costs				3,000	
(c) Total				6,730	
(d) Contract				0	
(e) In-House				6,730	
4. Contract Award				08/17	
5. Construction Start				09/17	
6. Construction Complete				03/19	
B. Equipment associated with this project that will be provided from other appropriations:					
<u>PURPOSE</u>		<u>APPROPRIATION</u>	<u>FISCAL YEAR REQUIRED</u>	<u>AMOUNT (\$000)</u>	
RACKING		DWCF	2017	7,500	
IDS & CCTV		DWCF	2017	300	

Point of Contact is DLA General Engineer at 703-767-2961.

1. COMPONENT DoDEA	<b>REPUBLIC OF KOREA FUNDED CONSTRUCTION</b>			2. Date February 2016	
3. INSTALLATION AND LOCATION USAG Humphreys, South Korea			4. PROJECT TITLE: Elementary School		
5. PROGRAM ELEMENT N/A	6. CATEGORY CODE 73046, 75022, 85215	7A. PACKAGE NO: DODDS040 7A. PROJECT NO: A11R925	8. PROJECT COST (\$000) \$42,000		
<b>9. COST ESTIMATES</b>					
Item		U/M	Quantity	Unit Cost	Cost (\$000)
<b><u>PRIMARY FACILITIES</u></b>					<b>31,142</b>
ELEMENTARY SCHOOL		M2	11,023	2,543	23,038
MULTIPURPOSE ATHLETIC FIELD		EA	1	243,012	243
STANDBY GENERATOR, DIESEL (200KW)		EA	1	79,190	79
ELEVATOR, PASSENGER		EA	1	216,011	216
ELEVATOR, FREIGHT		EA	1	270,013	270
FIRST FLOOR STRUCTURAL SLAB		M2	6,065	106	642
PILE FOUNDATION		LM	3,265	225	734
ELECTRONIC AND PHYSICAL SECURITY SYSTEMS (EPSS)		LS	1	40,000	40
INFORMATION SYSTEMS (PRIMARY)		LS	1	879,524	880
<b><u>SUPPORTING FACILITIES</u></b>					<b>6,052</b>
ELECTRICAL		LS	1		727
WATER/SEWER/GAS		LS	1		974
NON-ORGANIZATIONAL PARKING		M2	5,000	40	202
PAVING, SIDEWALK, CURB & GUTTER		LS	1		1,212
STORM DRAINAGE		LS	1		606
SITE IMPROVEMENT (130) SOIL		LS	1		2,026
AT/FP (PASSIVE) (1%)		LS	1		280
INFORMATION SYSTEM (SUPPORTING)		LS	1	23,705	24
ESTIMATED CONTRACT COST (sum of primary and supporting)					<b>37,194</b>
CONTINGENCY PERCENT (5%)					<u>1,860</u>
SUBTOTAL					<b>39,054</b>
SUPERVISION, INSPECTION & OVERHEAD (6.5%)					2,538
ESTIMATED CONTRACT COST (C4ISC-ISP-ACTIVE): Tab F					<u>284</u>
TOTAL REQUEST					<b>41,876</b>
TOTAL REQUEST ROUNDED					<b>42,000</b>
INSTALLED EQUIPMENT – OTHER APPROPRIATIONS					<b>1,557</b>
<b>10. DESCRIPTION OF PROPOSED CONSTRUCTION (HOST NATION FUNDED):</b>					
<p>Construct a multi-story 400 student department of Defense (DoD) Dependent Elementary School facility and a multipurpose athletic field. The school shall be constructed in accordance with (IAW) DoD Education Activity (DoDEA) Education Facilities specifications, Elementary School ver 3.0 dated 4 June 2010. The elementary school includes kindergarten classrooms with office, kitchen and toilet; student classrooms; art room; music room; multipurpose computer laboratory; physical and occupational therapy rooms with equipment storage; information center; reading area; multipurpose assemble area/cafeteria; food service area with kitchen; toilets; administrative areas; school supply workroom; multipurpose physical education teaching area with ancillary gymnasium; and elevator. A backup generator will be provided. The elementary school shall be expandable to 600 student capacity. The finished facility must include the following: loading/service areas, information systems, fire protection and alarm systems, Intrusion Detection System (IDS), and Energy Monitoring Control Systems (EMCS) connection.</p> <p>Supporting facilities include site development; earthwork; utilities and connections; lighting paving, walks, curbs and gutters to include concrete slabs for the covered hardstands; storm drainage; information systems; bicycle racks; dumpster pad w/screening; an exterior fuel-oil tank; landscaping and signage. Covered drop off areas for privately</p>					

1. COMPONENT DoDEA	<b>REPUBLIC OF KOREA FUNDED CONSTRUCTION</b>			2. Date February 2016
3. INSTALLATION AND LOCATION  USAG Humphreys, South Korea			4. PROJECT TITLE:  Elementary School	
5. PROGRAM ELEMENT  N/A	6. CATEGORY CODE  73046, 75022, 85215	7A. PACKAGE NO: DODDS040 7A. PROJECT NO: A11R925	8. PROJECT COST (\$000)  \$42,000	
<p>owned vehicles (POVs) and buses are required. Parking will be provided for buses, staff, and visitors. Provide secure outdoor play area (s) with installed playground equipment, fencing and gates. Access for children and adults with disabilities shall be provided per the Americans with Disabilities Act (ADA), Sustainable Design and Development (SDD) and the Energy Policy Act of 2005 (EPAAct05) features will be provided.</p> <p>A. Heating will be supplied by boilers and air conditioning will be provided by self-contained chillers. Boiler and hot water heater will be compatible for use with natural gas. Active and passive solar energy will be considered and included if cost effective. This facility shall be designed to make maximum use of natural climate, ventilation, and lighting, as well as use of energy efficient window and building insulation.</p> <p>B. Connection for underground utilities is required between the facility and the utility corridor.</p> <p>C. Site improvements include earthwork and landscaping, and environmental site survey. USACE (United States Corps of Engineers) geotechnical testing of both soil and groundwater for metals, chlorinated solvents, SVOCs (Semi-Volatile Organic Compound), PCBs (Polychlorinated Biphenyls), VOCs (Volatile Organic Compounds), BTES (Benzene, Toluene, Ethyl Benzene, and Xylene) and TPH (Total Petroleum Hydrocarbon). This testing scope may be reduced based on historical information or site evaluation with concurrence between USACE and USAG Humphreys Environmental Division.</p> <p>D. Full fire protection as required by regulation and UFC 3-600-01 to include a fire alarm/suppression system; mass notification system (MNS) as required by UFC 4-010-01; access control systems; and connection to the utility monitoring control system (UMCS). Fire Alarm panels shall include zone module cards that can support 16 zones. These additional zones are required to transmit exact location data to the computerized D-21 Monaco fire alarm computer located at the fire department communication center through the use of a BT-XM building transmitter installed at the building in design.</p> <p>E. All exterior doors will be equipped with HT24 electronic locksets. Interior door locks shall be standard keyed locks, with the exception of doors requiring Electronic Access Control Systems integrated with the Garrison's IDS.</p> <p>F. Facilities will be designed to a minimum life of 50 years and energy efficiencies meeting, on average, ASHARE 189.1 standards through improved building envelop and integrated building systems performance.</p> <p>G. No facility demolition and disposal is required for this project.</p> <p>H. Radio frequency (RF) shielding is not required for these structures.</p>				
<p>11. REQUIREMENTS:</p> <p>PROJECT:</p> <p>1. Construct a DoD Dependent Elementary School and a multipurpose athletic field (Current Mission)</p> <p>3. REQUIREMENT:</p> <p>This project is required to support the educational needs of the growing population of Military and civilian dependents. This project is part of the Land partnership Program (LPP) which consolidates US forces and returns a number of camps and installations to the Republic of Korea (ROK) government. This project will be built on USAG Humphreys which is an enduring installation.</p>				

1. COMPONENT DoDEA	<b>REPUBLIC OF KOREA FUNDED CONSTRUCTION</b>			2. Date February 2016
3. INSTALLATION AND LOCATION  USAG Humphreys, South Korea			4. PROJECT TITLE:  Elementary School	
5. PROGRAM ELEMENT  N/A	6. CATEGORY CODE  73046, 75022, 85215	7A. PACKAGE NO: DODDS040 7A. PROJECT NO: A11R925	8. PROJECT COST (\$000)  \$42,000	
<p>11. REQUIREMENTS (CONTINUED):</p> <p>4. CURRENT SITUATION:</p> <p>Adequate permanent facilities are not available to support this requirement. All existing facilities suitable for use under this facility category code are fully utilized.</p> <p>5. IMPACT IF NOT PROVIDED:</p> <p>If this project is not provided, adequate elementary education facilities will not be available for the dependents of military or civilian personnel stationed at USAG Humphreys, thus negatively impacting the equality of life for the military and civilian work force and their facilities.</p> <p>6. ADDITIONAL</p> <p>A. JOINT USE CERTIFICATE: The deputy Assistant Secretary of the Army (Installations and Housing) certifies that project has been considered for joint use potential. This facility will be available for use by the other components.</p> <p>B. ANIT-TERRORISM/FORCE PROTECTION: All of the 21 Building Standards for Antiterrorism/Force Projections (AT/FP) will apply to this project, including a Mass Notification System, and site measures, which are outlined in UFC 4-010-01, dated 9 February 2012, chg. 1, 1 Oct 2013. All facilities will meet current UFC 4-010-01 standards for buildings and site. Such additional At/FP site features will include concrete pop-up bollards and barriers. Major AT/FP building features will include design for progressive collapse and blast resistant windows.</p> <p>C. SUSTAINABLE DESIGN AND DEVELOPMENT (SDD): Sustainable principles shall be integrated into the design, development, and construction of this project and it will achieve a minimum of LEED Silver level in accordance with the current US Army Sustainable Design and Development Policy and other applicable laws and Executive Orders. This facility shall be designed to achieve energy consumption levels that are at least 30 percent below the levels established in the current version of the ASHRAE Standard 90.1 or the International Energy Conservation Code, as appropriate.</p> <p>D. HOST NATION: This project is located on an installation which will be retained by Eighth United States Army (EUSA) for the foreseeable future. The possibility of Host Nation funding has been addressed to support this requirement.</p> <p>E. PHYSICAL SECURITY: This project has been coordinated with the installation physical security plan, and all physical security measures are included.</p> <p>F. These buildings and structures, including buildings and structures leased to provide transitional spaces, are exempt from all provisions of these standards during the life of the construction or renovation contract for which the transitional buildings and structures are being provided, but no longer than 5 years.</p> <p>G. Comprehensive interior design package for the AE to complete as required by UFC 3-120-10.</p>				

1. Component USSOCOM	<b>REPUBLIC OF KOREA FUNDED CONSTRUCTION (ROKFC)</b>			2. Date FEB 2016	
3. Installation and Location/UIC: SPECIAL WARFARE COMMAND ICHEON, KOREA		4. Project Title: SOCKOR CONTINGENCY OPERATONS CENTER AND BARRACKS			
5. Program Element N/A	6. Category Code 620	7. Project Number S18R100	8. Project Cost (\$000) 9,900		
<b>9. COST ESTIMATES</b>					
Item		U/M	Quantity	Unit Cost	Cost (\$000)
<b>PRIMARY FACILITY</b>					8,098
ADMIN/OPERATIONS CENTER (CC62010) (11,800 SF)		SM	1,097	2,642	(2,898)
BARRACKS/SUPPORT AREA (CC72115) (23,600 SF)		SM	2,195	1,939	(4,256)
BUILDING INFORMATION SYSTEMS		LS	--	--	(864)
SUSTAINABLE DESIGN AND DEVELOPMENT AND ENERGY POLICY ACT 2005 COMPLIANCE		LS	--	--	(80)
<b>SUPPORTING FACILITIES</b>					782
ELECTRICAL		LS	--	--	(90)
BACKUP GENERATOR		LS	--	--	(280)
WATER, SEWER AND GAS		LS	--	--	(142)
PAVING, WALKS, CURBS AND GUTTERS		LS	--	--	(74)
STORM DRAINAGE		LS	--	--	(30)
SITE IMPROVEMENTS		LS	--	--	(60)
DEMOLITION		LS	--	--	(30)
ANTI-TERRORISM / FORCE PROTECTION MEASURES		LS	--	--	(76)
SUBTOTAL					8,880
CONTINGENCY (5%)					444
TOTAL CONTRACT COST					9,324
SUPERVISION, INSPECTION AND OVERHEAD (6.5%)					606
TOTAL REQUEST					9,930
TOTAL REQUEST (ROUNDED)					9,900
EQUIPMENT FROM OTHER APPROPRIATIONS (NON-ADD)					(2,600)
<p><b>10. Description of Proposed Construction:</b> Project is host nation funded. This new mission project requires a subterranean operations center, barracks with hygiene facilities, dining area/company headquarters, a fence enclosing the facility and security lighting to illuminate the compound. The facility includes a backup generator. The Contingency Operations Center is a single building, multi-story structure that provides berthing space, hygiene facilities, administrative space and a dining area, combined with a subterranean operations center. The barracks portion of the facility will consist of 8 open bays designed to accommodate 20 personnel each under deployed standards, and hygiene facilities to accommodate both male and female personnel, and a lounge area on each floor. Six bachelor officer's quarters (BOQ) type rooms with latrines will support personnel assigned to this location for longer durations. The subterranean operations center will consist of an operations center, individual offices, conference room with video teleconference capability, security office, latrine facilities, and a break room. The facility will be equipped with a fire suppression system, mass notification system, intrusion detection system (operations center only),</p>					



1. Component USSOCOM	<b>REPUBLIC OF KOREA FUNDED CONSTRUCTION (ROKFC)</b>			2. Date FEB 2016										
3. Installation and Location/UIC: SPECIAL WARFARE COMMAND ICHEON, KOREA		4. Project Title: SOCKOR CONTINGENCY OPERATONS CENTER AND BARRACKS												
5. Program Element N/A	6. Category Code 620	7. Project Number S18R100	8. Project Cost (\$000) 9,900											
back up electrical generation, and an energy monitoring control system. All areas have heating and air conditioning control systems. Air conditioning: 422 kW (120 tons)														
<p><b>11. Requirement:</b> 3,292 SM (35,400 SF)      <b>Adequate:</b> 0 SM      <b>Substandard:</b> 0 SM</p> <p><b>PROJECT:</b> Construct a Contingency Operations Center and Life Support Area Barracks for Special Operations Command Korea (SOCKOR).</p> <p><b>REQUIREMENT:</b> Facilities needed to support SOCKOR’s training and operations for Armistice, Wartime and Contingency. Provide a life support area capable of supporting 166 personnel under deployed standards and an operations center to support contingency command and control of Special Operations Forces.</p> <p><b>CURRENT SITUATION:</b> A new facility (or facility conversion) does not exist to accommodate SOCKOR’s requirement to perform this mission in the Korea Theater of Operations. The mission is currently performed in inadequate administrative space and tents that require significant O&amp;M and man-hour costs to rent tents, transform space, and configure operations space multiple times each year. This is a current operations mission, as SOCKOR actively engages in Phase 0 operations. This requirement is directly tied to US Forces Korea (USFK) Integrated Priority List (IPL) item #33.</p> <p><b>IMPACT IF NOT PROVIDED:</b> This is a “need it now” requirement; currently no facilities exist or are programmed to accommodate this validated requirement. SOCKOR’s ability to meet existing and emerging mission requirements to support the USFK and Geographic Combatant Commander will suffer considerably if unable to provide adequate facilities to employ this critical capability.</p> <p><b>ADDITIONAL:</b> 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. Project site is not within a 100-year floodplain.</p> <p><b>JOINT USE CERTIFICATION:</b> Project is host nation funded. No portion of the facility being constructed is intended for Republic of Korea personnel exclusive or primary use. USSOCOM budgets only for those facilities specifically for SOF use. Common support facilities are budgeted by the military departments. Reference Title 10, Section 165.</p>														
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3. Installation and Location/UIC: SPECIAL WARFARE COMMAND ICHEON, KOREA			4. Project Title: SOCKOR CONTINGENCY OPERATONS CENTER AND BARRACKS																																																			
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3. Installation and Location/UIC: K16 AIR BASE, KOREA				4. Project Title:f SOF Operations Facility, B-606			
5. Program Element N/A		6. Category Code 141	7. Project Number A17R100		8. Project Cost (\$000) 11,000		
<b>9. COST ESTIMATES</b>							
Item				U/M	Quantity	Unit Cost	Cost (\$000)
<b>PRIMARY FACILITY</b>							8,990
OPERATIONS ADMINISTRATION AREA (CC14175) (36,900 SF)				SM	3,437	1,625	(5,585)
LOGISTICS AND LIFE SUPPORT AREA (CC72115) (21,100 SF)				SM	1,960	1,115	(2,185)
BUILDING INFORMATION SYSTEMS				LS	--	--	(1070)
SUSTAINABLE DESIGN AND DEVELOPMENT AND ENERGY POLICY ACT 2005 COMPLIANCE				LS	--	--	(150)
<b>SUPPORTING FACILITIES</b>							932
ELECTRICAL				LS	--	--	(26)
WATER, SEWER				LS	--	--	(98)
PAVING, WALKS, CURBS AND GUTTERS				LS	--	--	(44)
SITE IMPROVEMENTS				LS	--	--	(571)
ANTI-TERRORISM / FORCE PROTECTION MEASURES				LS	--	--	(48)
COVERED TRAINING AREA, AIRCRAFT MOCK UP				LS	--	--	(145)
SUBTOTAL							9,922
CONTINGENCY (5%)							496
TOTAL CONTRACT COST							10,418
SUPERVISION, INSPECTION AND OVERHEAD (6.5%)							677
TOTAL REQUEST							11,095
TOTAL REQUEST (ROUNDED)							11,000
EQUIPMENT FROM OTHER APPROPRIATIONS (NON-ADD)							(2,600)
<p><b>10. Description of Proposed Construction:</b> Project is host nation funded. This new mission project consists of repair/renovation and upgrade of an existing facility. Work includes heating, ventilation and air conditioning for office areas, interior electrical, plumbing, partitions, roof, structural elements, insulation, fire protection, alarm system, and architectural modifications as necessary. Operations and administrative areas consist of ready rooms/load out bay (1 per platoon), communication room with classified and unclassified networks, parachute packing room with storage cages, classrooms (1 per platoon), area for command and control, individual equipment storage cages, company supply room, nuclear/biological/chemical (NBC) room, arms room, admin/operations area for regimental command and control element, Task Force Joint Operations Center, kennel, physical fitness/combatives area, classified video teleconference (VTC) room, hygiene facilities, and break room. Logistics area consists of a vault, weapons cleaning area, night vision devices room, battery storage room, communications storage room (tactical communications), supply room, vehicle support area and maintenance bays. Life support area consists of open bay billeting, hygiene facilities, kitchen, and dining area. Supporting facilities include but are not limited to water, electrical, and sewer system, parking lot with covered tactical vehicle parking area, security lights, exterior communications systems, parachute shakeout structure, covered training area, aircraft mock-up, storm drainage, sidewalks, site preparation, erosion control, landscaping, fence, signage,</p>							

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and all other necessary works for a complete and usable facility. Project includes anti-terrorism/force protection measures. Air conditioning: 710 kW (202 tons)														
<p><b>11. Requirement:</b> 5,397 SM (58,000 SF)      <b>Adequate:</b> 0 SM      <b>Substandard:</b> 0 SM</p> <p><b>PROJECT:</b> Renovate an existing facility to provide administrative workspace, operations workspace, secure storage, compartmentalized planning space, networked communications, hygiene facilities, and expeditionary housing capability for one Ranger Company plus a Regimental command and control element.</p> <p><b>REQUIREMENT:</b> These facilities are necessary to accommodate validated new force structure allocated to Special Operations Command Korea (SOCKOR) as a persistent presence rotational force for employment in the Korea Theater of Operations.</p> <p><b>CURRENT SITUATION:</b> SOCKOR has recently been designated a Theater Special Operations Command (TSOC). The Ranger Company is composed of 180 personnel and conducts surgical strike and land special warfare missions and activities in support of the geographic combatant commander. The element deploys with organizational and individual equipment for rotations of 90 days and beyond. This force structure supports the US Forces Korea (USFK) Commander's number 1 Strategic Principle, "Deter and Defend – Fight Tonight" and addresses a High Risk Capability Gap identified in the USFK FY16-20 Integrated Priority List.</p> <p><b>IMPACT IF NOT PROVIDED:</b> Currently no adequate facilities exist or are programmed to accommodate this Ranger Company. SOCKOR's ability to meet existing and emerging mission requirements as a TSOC will suffer considerably if unable to provide adequate facilities to house and employ this persistent presence rotational force.</p> <p><b>ADDITIONAL:</b> 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. Project site is not within a 100-year floodplain.</p> <p><b>JOINT USE CERTIFICATION:</b> Project is host nation funded. No portion of the facility being constructed is intended for Republic of Korea personnel exclusive or primary use. USSOCOM budgets only for those facilities specifically for SOF use. Common support facilities are budgeted by the military departments. Reference Title 10, Section 165.</p>														
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