

**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>
Georgia				
Fort Gordon Medical Clinic Replacement	25,000	25,000	C	3
Maryland				
Walter Reed National Military Medical Center, Bethesda Medical Center Addition/Alteration Increment 1	510,000	50,000	C	7
Maine				
Portsmouth Naval Shipyard (Kittery) Medical/Dental Clinic Replacement	27,100	27,100	C	13
North Carolina				
Camp Lejeune Dental Clinic Replacement	31,000	31,000	C	17
Texas				
Sheppard Air Force Base Medical/Dental Clinic Replacement	91,910	91,910	C	21
Germany				
Rhine Ordnance Barracks Medical Center Replacement Increment 6	-	58,063	C	25
Japan				
Kadena Air Base Medical Material Warehouse	20,881	20,881	C	31
Total	705,891	303,954		

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)		FY 2017 MILITARY CONSTRUCTION PROGRAM					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)	FY 2017 MILITARY CONSTRUCTION PROJECT DATA			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) <u>Total Design Cost</u> (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)	FY 2017 MILITARY CONSTRUCTION PROJECT DATA			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)		FY 2017 MILITARY CONSTRUCTION PROGRAM					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		
9. COST ESTIMATES					
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)	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	

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)	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

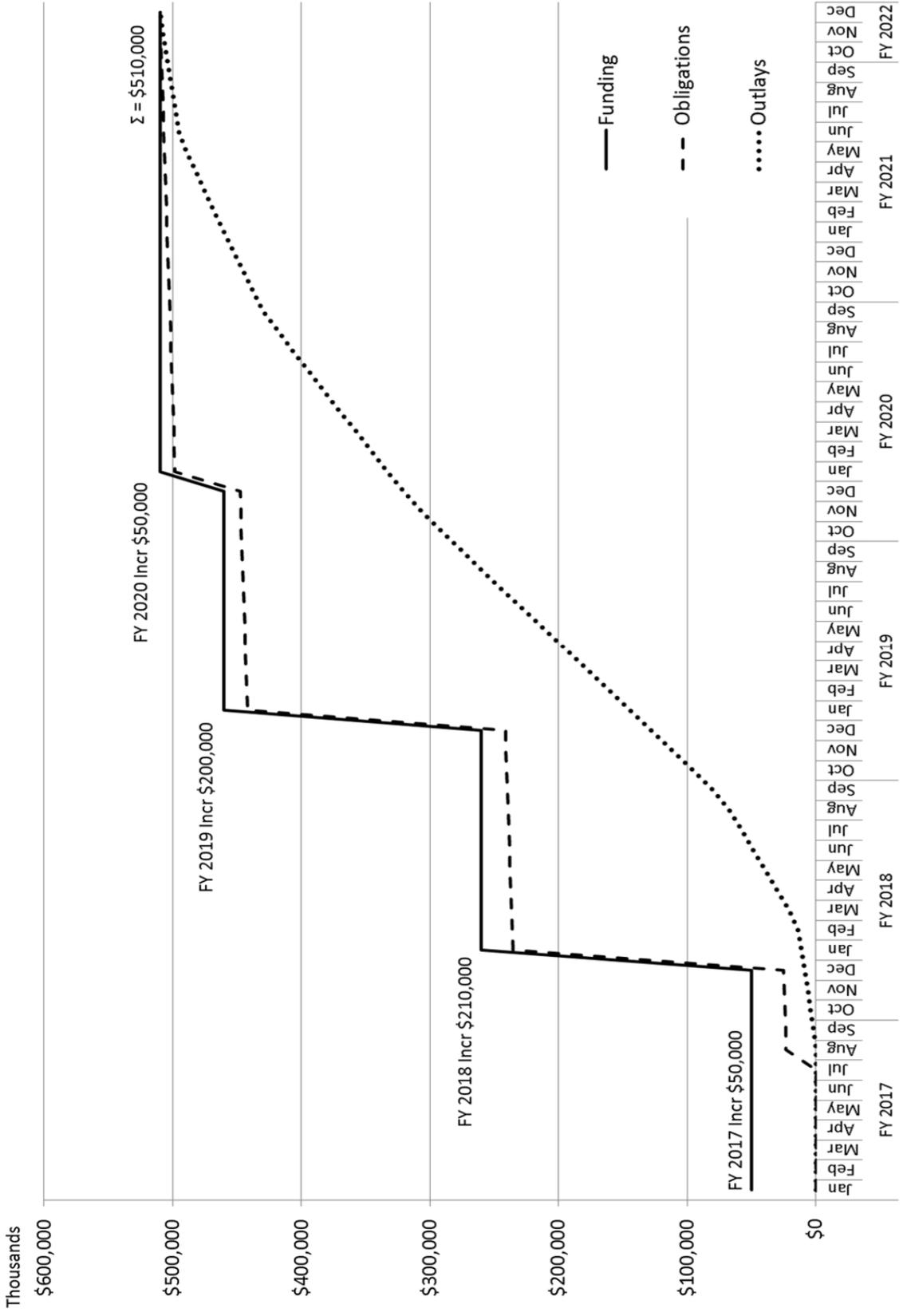
Supplemental Data (Continued):

FUNDING PROFILE:

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

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

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:											
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.											
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: 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	
9. COST ESTIMATES				
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)	FY 2017 MILITARY CONSTRUCTION PROJECT DATA			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	
REQUIREMENT: 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.				
CURRENT SITUATION: 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.				
IMPACT IF NOT PROVIDED: Required medical, dental, behavioral, and occupational health services will continue to be provided in outdated, inefficient, and dispersed facilities.				
JOINT USE CERTIFICATION: The Director, Defense Health Agency, Facilities Division has reviewed this project for Joint Use potential. Joint Use construction is recommended.				
12. Supplemental Data:				
A. Design Data (Estimated):				
(1) <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)	FY 2017 MILITARY CONSTRUCTION PROJECT DATA			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)		FY 2017 MILITARY CONSTRUCTION PROGRAM					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)	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	
9. COST ESTIMATES				
Item	U/M	Quantity	Unit Cost	Cost (\$000)
<u>PRIMARY FACILITIES</u>				24,558
Dental Clinic Replacement CATCODE 54010	SF	43,890	438	(19,224)
Medical Administrative CATCODE 61020	SF	26,405	202	(5,334)
<u>SUPPORTING FACILITIES</u>				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		
<u>PROJECT:</u> Construct a dental clinic replacement. (CURRENT MISSION)				

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	
REQUIREMENT: 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.				
CURRENT SITUATION: 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.				
IMPACT IF NOT PROVIDED: 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.				
JOINT USE CERTIFICATION: The Director, Defense Health Agency, Facilities Division has reviewed this project for Joint Use potential. Joint Use construction is recommended.				
12. Supplemental Data:				
A. Design Data (Estimated):				
(1) <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		
9. COST ESTIMATES					
Item		U/M	Quantity	Unit Cost	Cost (\$000)
<u>PRIMARY FACILITIES</u>					58,338
Medical Clinic Replacement CATCODE 550101		SF	155,687	331	(51,532)
Dental Clinic CATCODE 540243		SF	13,100	505	(6,616)
Ambulance Shelter CATCODE 510264		SF	900	211	(190)
<u>SUPPORTING FACILITIES</u>					20,228
Electric Services		LS	--	--	(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)	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	
<p>PROJECT: Construct a medical/dental clinic replacement. (CURRENT MISSION)</p> <p>REQUIREMENT: 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>CURRENT SITUATION: 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>IMPACT IF NOT PROVIDED: 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>JOINT USE CERTIFICATION: 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) <u>Status:</u>				
(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	
(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) <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: 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				

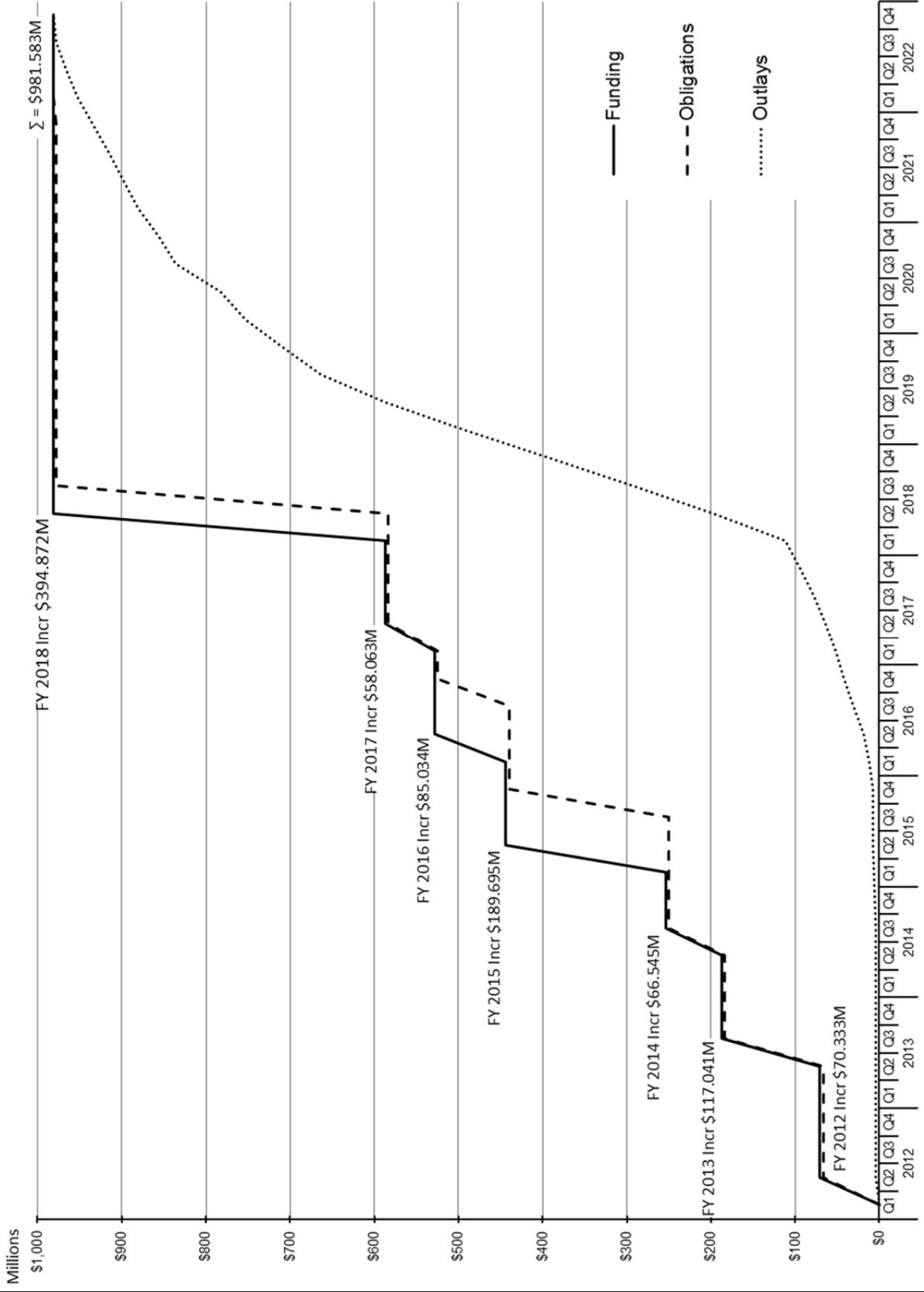
1. COMPONENT DEF (DHA)		FY 2017 MILITARY CONSTRUCTION PROGRAM				2. DATE FEB 2016				
3. INSTALLATION AND LOCATION Germany Various, Germany		4. COMMAND US Army Installation Management Command				5. AREA CONSTRUCTION COST INDEX 1.17				
6. PERSONNEL STRENGTH:		PERMANENT		STUDENTS			SUPPORTED			
	OFFICER	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.	INCLUDED IN THE FOLLOWING PROGRAM (FY 2018): 510 Hospital Replacement, Increment 7				LS	394,872				
B.	PLANNED NEXT THREE PROGRAM YEARS (2019-2021): 550 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)	FY 2017 MILITARY CONSTRUCTION PROJECT DATA			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	
9. COST ESTIMATES				
Item	U/M	Quantity	Unit Cost	Cost (\$000)
<u>PRIMARY FACILITIES</u>				
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)
<u>SUPPORTING FACILITIES</u>				
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)
ESTIMATED CONTRACT COST				
CONTINGENCY PERCENT (5.00%)				
				42,958
SUBTOTAL				902,123
SUPERVISION, INSPECTION & OVERHEAD (6.50%)				58,638
CATEGORY E EQUIPMENT				29,262
TOTAL REQUEST				990,023
TOTAL REQUEST (ROUNDED)				990,000
PREVIOUS APPROPRIATIONS				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)	FY 2017 MILITARY CONSTRUCTION PROJECT DATA			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><u>IMPACT IF NOT PROVIDED:</u> 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><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			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)	FY 2017 MILITARY CONSTRUCTION PROJECT DATA			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>3. Site Adapt (YES/NO) N</p> <p>4. Host Nation Partnering Method Y</p> <p>(g) Energy Studies & 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): <u>Cost (\$000)</u></p> <table style="width:100%; border:none;"> <tr> <td style="width:80%;">(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> </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:none;"> <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:left;"><u>Fiscal Year Appropriated Or Requested</u></th> <th style="text-align:right;"><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:none;"> <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> </table> <p>Chief, Design, Construction & Activation Office: Phone Number: 703-275-6077</p>					(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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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)	FY 2017 MILITARY CONSTRUCTION PROJECT DATA			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) 20,881																			
<p>CURRENT SITUATION: 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>IMPACT IF NOT PROVIDED: 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>JOINT USE CERTIFICATION: 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 & 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
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1. Component DEF (DHA)	FY 2017 MILITARY CONSTRUCTION PROJECT DATA			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) 20,881	
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 Nomenclature</u>	<u>Procuring Appropriation</u>	<u>Fiscal Year Appropriated Or Requested</u>	<u>Cost (\$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				