Department of Defense

Fiscal Year (FY) 2017 Budget Estimates

Military Construction

Family Housing

Defense-Wide



Justification Data Submitted to Congress

February 2016

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Defense Health Agency Defense Information Systems Agency Defense Logistics Agency DoD Dependents Education Activity Missile Defense Agency National Geospatial-Intelligence Agency National Security Agency U.S. Special Operations Command Washington Headquarters Services	1 34 38 68 89 103 106 117 173
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			New/		
State/Installation/Project	Authorization <u>Request</u>	Approp. <u>Request</u>	Current <u>Mission</u>	Page <u>No.</u>	
Alaska Defense Logistics Agency					
Joint Base Elmendorf-Richardson					
Construct Truck Offload Facility	4,900	4,900	С	40	
Missile Defense Agency					
Clear Air Force Station					
Long Range Discrimination Radar	155 000	155.000	NT	01	
System Complex Phase 1	155,000	155,000	Ν	91	
Fort Greely	0.540	0.500	G	0.6	
Missile Defense Complex Switchgear Facility	9,560	9,560	C	96	
Arizona					
Defense Information Systems Agency					
JITC Building 52110 Renovation	4,493	4,493	С	36	
California					
Defense Logistics Agency					
Travis Air Force Base					
Replace Hydrant Fuel System	26,500	26,500	С	43	
U.S. Special Operations Command					
Coronado					
SOF Human Performance Training Center	15,578	15,578	С	129	
SOF Seal Team Ops Facility	47,290	47,290	C	120	
SOF Seal Team Ops Facility	47,290	47,290	С	123	
SOF Special RECON Team One	20.040	20.040	C	100	
Operations Facility	20,949	20,949	C	120	
SOF Training Detachment ONE Ops Facility	44,305	44,505	C	132	
Delaware					
DOD Education Activity					
Dover Air Force Base					
Welch/Elementary/Dover Middle School	44 115	44 115	C	70	
Replacement	44,110	44,113	C	70	
Florida					
Defense Logistics Agency					
Panloca Fuel Tanks	10 100	10 100	C	16	
Replace ruel Taliks	10,100	10,100	C	40	

		New/		
State/Installation/Project	Authorization <u>Request</u>	Approp. <u>Request</u>	Current <u>Mission</u>	Page <u>No.</u>
Georgia				
Defense Health Agency				
Fort Gordon Medical Clinic Replacement	25.000	25.000	С	3
1	,	,		
U.S. Special Operations Command				
SOF Tactical Unmanned Aerial Vehicle Hangar	4,820	4,820	С	136
Maine				
Defense Health Agency				
Portsmouth Naval Shipyard (Kittery)	27 100	27 100	C	12
Medical/Dental Clinic Replacement	27,100	27,100	C	13
Maryland				
Defense Health Agency				
Walter Reed National Military MEDCEN Bethese	la 510.000	50.000	C	7
Medical Center Addition/Anteration Incr. 1	510,000	50,000	C	/
National Security Agency				
Fort Meade	21.000	2 1 000	G	115
Access Control Facility	21,000	21,000	C	115
NSAW Recapitalize Building #2 Incr. 2	-	195.000	C C	108
			-	
Missouri				
St Louis				
Land Acquisition-Next NGS West (N2W) Campu	ıs 801	801	С	104
North Carolina				
Defense Health Agency				
Camp Lejeune				
Dental Clinic Replacement	31,000	31,000	С	17
U.S. Special Operations Command				
Fort Bragg				
SOF Combat Medic Training Facility	10,905	10,905	С	144
SOF Parachute Rigging Facility	21,420	21,420	C	147
SOF Special Tactics Facility Phase 3 SOF Tactical Equipment Maintenance Facility	30,670 23 598	30,670 23 508	C	140
sor racical Equipment Mannenance racinty	23,570	25,590	C	150

			New/		
State/Installation/Project	Authorization <u>Request</u>	Approp. <u>Request</u>	Current <u>Mission</u>	Page <u>No.</u>	
South Carolina Defense Logistics Agency Joint Base Charleston	17.000	17.000	C	40	
Construct Hydrant Fuel System	17,000	17,000	C	49	
Texas Defense Health Agency Sheppard Air Force Base Medical/Dental Clinic Replacement	91 910	91 910	C	21	
medical Dental Chine Replacement	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	C	2 1	
Defense Logistics Agency Red River Army Depot Construct Warehouse and Open Storage	44,700	44,700	С	52	
Virginia Washington Headquarters Services Pentagon					
Pentagon Metro Entrance Facility Upgrade IT Facilities Infrastructure-RRMC	12,111 8,105	12,111 8,105	C C	175 180	
Diego Garcia Defense Logistics Agency					
Navy Support Facility Improve Wharf Refueling Capability	30,000	30,000	С	54	
Germany Defense Health Agency					
Rhine Ordnance Barracks Medical Center Replacement Incr 6	-	58,063	С	25	
DOD Education Activity Kaiserslautern Air Base					
Senbach Elementary/Middle School Replacemen	it 45,221	45,221	С	75	
Japan Defense Health Agency					
Kadena Air Base Medical Materiel Warehouse	20,881	20,881	С	31	
Defense Logistics Agency Iwakuni					
Construct Truck Offload and Loading Facilities	6,664	6,664	С	58	

State/Installation/Project	Authorization <u>Request</u>	Approp. <u>Request</u>	New/ Current <u>Mission</u>	Page <u>No.</u>
DOD Education Activity				
Kadena Air Base Kadena Elementary School Replacement	84 918	84 918	C	80
Radena Elementary Senoor Replacement	04,910	04,910	C	00
U.S. Special Operations Command Kadena Air Base				
SOF Maintenance Hangar	42,823	42,823	С	154
SOF Simulator Facility (MC-130)	12,602	12,602	С	157
Yokota Air Base				
Airfield Apron	41,294	41,294	С	161
Hangar/AMU	39,446	39,446	С	164
Operations and Warehouse Facilities	26,710	26,710	C	167
Simulator Facility	6,261	6,261	C	170
Kwajalein Defense Logistics Agency Kwajalein Atoll Replace Fuel Storage Tanks	85,500	85,500	С	60
United Kingdom				
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	71 424	71 404	C	05
School Replacement	/1,424	/1,424	C	83
Wake Island				
Missile Defense Agency				
Wake Island	11.670	11 670	C	100
Test Support Facility	11,670	11,070	C	100
Defense Level Activities/Worldwide Unspecifi Energy Conservation Investment Pressor	ed	150 000	C	102
Contingency Construction	-	10.000	C	185
		10,000	\sim	105

			New/		
State/Installation/Project	Authorization <u>Request</u>	Approp. <u>Request</u>	Current <u>Mission</u>	Page <u>No.</u>	
Unspecified Minor Construction			С	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			
Total Minor Construction	-	35,452			
Planning and Design			С	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			
Total Planning and Design	-	201,422			
Total Military Construction, Defense-Wide	2,016,154	2,056,091			

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

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

State/Installation/Project	Authorization <u>Request</u>	Approp. <u>Request</u>	New/ Current <u>Mission</u>	Page <u>No.</u>
Georgia Fort Gordon Medical Clinic Replacement	25,000	25,000	С	3
Maryland Walter Reed National Military Medical Center, Bethesda Medical Center Addition/Alterat	ion			_
Increment 1	510,000	50,000	С	7
Maine Portsmouth Naval Shipyard (Kitt Medical/Dental Clinic Replacem	ery) ent 27,100	27,100	С	13
North Carolina				
Dental Clinic Replacement	31,000	31,000	С	17
Texas Sheppard Air Force Base Medical/Dental Clinic Replacem	ent 91,910	91,910	С	21
Germany Rhine Ordnance Barracks Medical Center Replacement		50.072	C	25
Increment 6	-	58,063	C	25
Japan Kadena Air Base Medical Material Warehouse	20,881	20,881	С	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		FY 2	2017 N	MILITARY	Y CONSTR	UCTION	N PROG	RAM	2. DATE		
DEF (DHA)							· = ·		FEB 2	016	
3. INSTALLATION A	AND LOC	ATION		4. COMMA	ND				5. AREA CONS	TRUCTIO	N
Fort Gordon, Georgia	ι,			US	Army Installat	ion Comma	ind		COST INDEZ	0.90	
6. PERSONNEL STRENGTH:		PE	RMAN	ENT	S	STUDENTS	3		SUPPORTED		
	OFF	ICER	ENLIS	ST CIVIL	OFFICER	ENLIST	CIVIL	OFFIC	ER ENLIST	CIVIL	TOTAL
A. AS OF SEP 30 201 B. END FY 2021	15 1, 2,	,916 ,024	5,54 5,62	1 4,046 3,150	758 768	4,405 4,177	15 20	185 187	2,760 2,813	6,301 6,326	25,927 25,085
7. INVENTORY DATA (\$000)											
R INVENTORY TOT	ται ας ο	E SEPTI	FMBER	24				0			
C AUTHORIZATION	N NOT YE	T IN IN	WENT(ORV				0			
D AUTHORIZATION	NREOUE	ST ITTEL	N THIS	PROGRAM				25.000			
F AUTHORIZATION			FOLTO	WING PROG	PAM			23,000			
F PI ANNED IN NEX	VT THREE	F VEAR	s s	WING TROU				8 200			
G REMAINING DEF	FICIENCY	7	5					0,200			
H GRAND TOTAL	ICILITE .							33 200			
8, PROJECTS REQUI	ESTED IN	N THIS F	PROGR	AM:				33,200			
CATECODY D	POIECT			• •• • • •				COST	DESIGN	DE	TUN
CODE N	UMBER			PROJECT T	ITLE	S	COPE	(\$000)	START	COMP	LETE
550	72381		Med	lical Clinic Re	placement	5	9,076	25,000	06 / 2015	12 /	2017
9. FUTURE PROJECT	ГS:										
CATEGORY CODE]	PROJECT TI	ΓLE			SCOPE	COST (\$000)		
A. INC	LUDED I	N THE I	FOLLO	WING PROG	RAM (FY 2018	8): None		N/A	0		
B. PLA Bloc	ANNED N od Donor (EXT TH Center	IREE PI	ROGRAM YE	EARS: (FY 201	9 - 2021)		N/A	8,200		
C. R&I	M Unfund	ed Requi	irement	s					N/A		
10 MISSION OR MA	AIOR FUN	JCTION:									
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	POLLUTI	ION ANI	D SAFE	ETY DEFICIE	NCIES:				(\$000)		
A. AIR POLLUTION	ſ								0		
B. WATER POLLUT	ION								0		
C. OCCUPATIONAL	. SAFETY	AND H	EALTH	ł					0		
1											

1. Component DEF (DHA)	FY 2017 MILITARY C	CONSTR	RUCTION I	PROJ	ECT DATA	A	2. Date FEB 2016
3. Installation and Loc	ation/UIC:	4.	Project Titl	le:		I	
Fort Gordon, Georg	Medical Cl	inic R	eplacement				
5. Program Element	6. Category Code	7. Proj	ect Number		8. Project	Cost (\$000))
87717HP	55010		72381			25,00	0
	9. COS	I ST ESTI	MATES		<u> </u>		
	Item		U/M	0	uantity	Unit Cos	t Cost (\$000)
PRIMARY FACILITI Medical Clinic Replac EMCS Connection IDS Installation	ES ement CATCODE 55010		SF		59,076 	300	17,733 (17,723) (5) (5)
Supporting FACII Electric Services Water, Sewer, Gas Steam and/or Chilled V Paving, Walks, Curbs Storm Drainage Site Imp (860) and De Information Systems Antiterrorism Measure EISA 2007 Section 43 Other (O&M Manuals ESTIMATED CONTH CONTINGENCY PEI SUBTOTAL SUPERVISION, INSE DESIGN/BUILD COS TOTAL REQUEST TOTAL REQUEST (F INSTALLED EOT-O'	LS LS LS LS LS LS LS LS		 		$\begin{array}{c} 3,670\\ (320)\\ (280)\\ (200)\\ (630)\\ (220)\\ (1,130)\\ (170)\\ (20)\\ (350)\\ (350)\\ (350)\\ \hline \\ 21,403\\ \underline{1,070}\\ 22,473\\ 1,281\\ \underline{1,284}\\ 25,038\\ 25,000\\ (5,778)\\ \end{array}$		
INSTALLED EQT-OTHER APPROPRIATIONS (5,778) 10. Description of Proposed Construction: Construct a replacement medical clinic. Supporting facilities include utilities, utility connection fees, site improvements, and parking. The existing clinic facilities will be returned to the installation. 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: 161,104 SF ADQT: 102,028 SUBSTD: 25,378 SF PROJECT: Construct a medical clinic replacement. (CURRENT MISSION)							
<u>REQUIREMENT:</u> Fort Gordon requires a safe and efficient environment to provide primary care, behavioral health and ancillary services							

1. Component DEF (DHA)	FY 2017	MILITARY C	ONSTRUCTION PROJ	ECT DATA	2. Date FEB 2016			
3. Installation and Loc	ation/UIC:		4. Project Title:					
Fort Gordon, Georg	a		Medical Clinic R	eplacement				
5. Program Element	8. Project Cost (\$00	00)						
87717HP	55	5010	72381	25,0	000			
REQUIREMENT (Control to trainees and active d	ntinued): uty members perm	nanently assign	ed to the installation.					
<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.								
The dispersed nature o of coordinated, inter-di	f medical service of sciplinary deliver	delivery will co y of care, consi	ntinue to result in time los stent with current standard	t from duty and trair ls, will not be possib	ning. The delivery le.			
JOINT USE CERTIFIE The Director, Defense construction is recomm	<u>CATION:</u> Health Agency, Fa hended.	acilities Divisio	on has reviewed this projec	et for Joint Use poter	ntial. Joint use			
12. Supplemental Data	a:							
A. Design Data (Estin (1) Status:	nated):							
(a) Design Star	t Date			JUN	2015			
(b) Percent of l	Design Completed	as of 1 JAN 20)16		3%			
(c) Expected 3	5% Design Date (I	Draft RFP)		JUN	2016			
(d) 100% Desi	gn Completion Da	te		DEC	2017			
(e) Parametric	Design (Yes or No	b) Y Parametric	e estimates have been used	to develop project c	osts.			
(f) Type of Des	ign Contract:							
1. Det 2 Det 2	esign Build (YES/I	NU) Y						
2. De	sigii, Dia-Duila (1	$1 E_0/NO) N$						
(g) Energy Stu	dies & Life Cycle) IN Analysis Perfo	rmed (Yes or No) Y					
(g) Ellergy Stu		r mary sis r erro						
(2) <u>Basis</u> :								
(a) Standard or	Definitive Design	n - (YES/NO)	Ν					
(b) Where Des	ign Was Most Rec	ently Used N	N/A					
(3) Total Design	Cost(c)=(a)+(b)C) R (d)+(e):		Cost	\$000)			
(a) Production	of Plans and Spec	ifications			430			
(b) All Other I	Design Costs				1,070			
(c) Total Desig	n Cost				1,500			
(d) Contract	-				1,200			
(e) In-house					300			

1. Component DEF (DHA)	FY 2017 MILITARY	CONSTRUCTION PRO)JECT DATA	2. Date FEB 2016								
3. Installation and Loc	ation/UIC:	4. Project Title:		-								
Fort Gordon, Georg	jia	Medical Clinic	Replacement									
5. Program Element	6. Category Code	7. Project Number	8. Project Cost (\$0)00)								
87717HP	55010	72381	25,	,000,								
Supplemental Data (C	ontinued):											
(4) Construction(5) Construction(6) Construction	Contract Award Date Start Date Completion Date		JUN SEF SEF	1 2017 2 2017 2 2019								
B. Equipment associated with this project which will be provided from other appropriations:												
Fiscal Year												
Equipment	Procuring	Appropriated	Cost									
Nomenclature	<u>Appropriation</u>	Or Requested	<u>(\$000)</u>									
Expense	OM	2017	\$ 1,879									
Expense	OM OD	2018	\$ 2,819 \$ 1,080									
Investment	UP	2018	\$ 1,080									
1												
1												
Chief, Design, Constru	uction & Activation Office											
Phone Number: 703-2	275-6077											

DD FORM 1391C, JUL 1999

1. COMPONEN	Г	FY 20	17 MIL	ITARY	CONSTR	UCTION F	PROGR	AM	2. DATE	FEB 2016		
DEF(TM	A) TEB 2N AND LOCATION 4 COMMAND 5. AREA CONST										ION	
3. INSTALLATI	ION AND LO		COST IND	EX	ION							
Bethese	la, Maryland		Chie	ef, Bureau o	of Medicine a	and Surgery				1.0		
6. PERSONNEI	L	PER	RMANENT			STUDENTS			SUPPORTED			
SINE OIL.		OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	R ENLIST	CIVIL	TOTAL	
A. AS OF SEP B. END FY 202	30 2015 20	2,630 2,530	1,589 869	355 355	0 0	0 0	0 0	56 56	36 36	0 0	4,666 3,846	
		242 A area		7. INVE	NTORY DAT	ГА (\$000)						
A. IUIAL AN		245 Acres						010				
B. INVENTOR	Y TOTAL AS	SOF 30 SEPTI	EMBER 20	12				2,145,013				
C. AUTHORIZ	ATION NOT	YET IN INVE	NTORY					0				
D. AUTHORIZ	ATION REQ	UESTED IN TH	HIS PROG	RAM				510,000				
E. AUTHORIZ	ATION INCL	UDED IN FOL	LOWING	PROGRA	М			0				
F. PLANNED I	N NEXT THF	REE YEARS						528,000				
G. REMAININ	G DEFICIEN	CY						68,636				
H. GRAND TO	'OTAL 3,251,6											
8. PROJECTS	REQUESTED	IN THIS PRO	GRAM:									
CATEGORY CODE	PROJECT NUMBER	PROJECT COST NUMBER PROJECT TITLE SCOPE (\$000)							DESIGN START	DE COM	ESIGN 1PLETE	
510	80906	MEDCEN	N Addition	Alteration	Inc 1	713,978 SF	50,	000	02 / 2013	07	/ 2016	
9. FUTURE PR	OJECTS:											
CATEGORY CODE			PROJE	CT TITLE			S	SCOPE	CC (\$0	OST 000)		
A. 510	INCLUDED Medical Cer) IN THE FOLI nter Addition/A	LOWING F Iteration, In	PROGRAM	1 (2018): 2			LS	210,	000		
В.	PLANNED	NEXT THREE	PROGRA	M YEARS	(FY2019-20	21):		• •	200			
510 510	Medical Cen	iter Addition/A	lteration, In	ncremental	3 4			LS LS	200,0 50,0	000		
310	Education ar	nd Research Bu	ilding Add	ition/Altera	ation			LS	278,	000		
C.	R&M UNFU	JNDED REQU	IREMENT	` :					99,4	420		
10. MISSION OF	R MAJOR FU	NCTION:										
To lead milita	ary medicin	e in the area	is of med	ical care	, research,	and educati	ion. To s	upport ten	ant comman	ds in the	ir pursuit	
of excellence	in patient c	d programs i	l researci	1 and edu	ication. 10	anders to et	execute e	fficient an nhat readi	nd effective s	hore ms	and and	
family.	501 v 1005 un	u programo i	III suppo.	1 01 11155				11041 10401	11035 101 1100	l, 11511101	, and	
11. OUTSTANI	DING POLLU	JTION AND SA	AFETY DE	EFICIENCI	IES:				(\$00)0)		
A. AIR P	OLLUTION									0		
B. WATE	R POLLUTIO	NC								0		
C. OCCU	PATIONAL S	SAFETY AND	HEALTH						(0		

1. Component DEF (DHA)	FY 2017 MILITARY CONSTRUCTION PROJECT DATA2. DateFEB 2016										
2 Installation and I											
3. Installation and I	Location:			4. Project Litle:							
Bethesda, Marylan	ıd			Mee	dical Cent	er Addit	tion/Alterati	on, Increment 1			
Walter Reed Nation	nal Military	Medical Center (WRNMMC	<u>.</u>)								
5. Program Elemen	ıt	6. Category Code	7. Proj	ject Num	ıber	8. Proj	ject Cost (\$000)			
87717HP)	51010		80906			Auth 5	10,000			
							Approp	50,000			
9. COST ESTIMATES											
Item U/M Quantity Unit Cost (\$000)											
PRIMARY FACIL	ITIES							361,193			
Medical Center Ad	dition CA'	TCODE 51010		SF	589,92	28	525	(309,712)			
Medical Center Alt	eration CA	ГСОDE 51010		SF	124,05	50	415	(51,481)			
SUDDOD TING EA								08 36/			
Electric Service	<u>CILITIES</u>			LS				(4.590)			
Water, Sewer, Gas				LS				(3,992)			
Steam and Chilled	Water Distr	ibution		LS				(2,836)			
Paving, Walks, Cur	bs and Gut	ters		LS				(10,397)			
Storm Drainage	- (0.14			LS				(3,881)			
Site Imp (13,348) L	Demo (8,148	3)						(21,496)			
Antiterrorism Measure	18 sures							(3,945)			
Construction Phasi	ng			LS				(9,865)			
Special Foundation	1			LS				(11,033)			
EISA 2007 Low Im	pact Devel	opment Compliance		LS				(2,259)			
Other (O&M Manu	ials, PCAS,	Enhanced Commissioning) a	ınd	LS				(20,125)			
Below Grade Coord	dination					\longrightarrow		_			
ESTIMATED CON	JTRACT C	OST						459,557			
CONTINGENCY I	PERCENT ((5.00%)						22,978			
SUBTOTAL								482,535			
SUPERVISION, IN	SPECTIO!	N & OVERHEAD (5.70%)						27,504			
TOTAL REQUES?	ſ							510,039			
TOTAL REQUES?	Г (ROUND	ED)						510,000			
FUTURE APPROF	RIATION	REQUEST						460,000			
CURRENT APPRO	OPRIATIO!	N REQUEST (ROUNDED)						50,000			
INSTALLED EQT-OTHER APPROPRIATIONS (191,000)								(191,000)			
10. Description of	10. Description of Proposed Construction:										
This is the first incr	ement of th	e NAVSUPPACT Bethesda	MD Me	dical Ce	nter Addit	ion/Alte	eration (MC	AA). The project will			
construct a new add	lition for in	-patient and out-patient medic	cal care,	, renovat	e the exist	ting hos	pital Buildin	ngs 9 and 10, provide			
information system	s, and prov	de appropriate antiterrorism i	measure	S. Deter	hacks for	uniangs	2, 4, 0, 7, o	and 100 of the main			
facilities include ut	ilities, pavi	ng, site improvements, specia	l founda	ations, ar	nd environ	imental	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	l					2. Date				
DEF (DHA)	F	Y 2017 MILITARY CONS	STRUC	TION PROJECT	Γ DATA	FEB 2016				
	Ļ									
3. Installation and 1	Location:		I	4. Project 1itle:						
Bethesda, Marvlar	h		I	Medical Cent	ter Addition/Alterat	tion, Increment 1				
Walter Reed Nation	nal Military	Medical Center (WRNMMC	<u>')</u>							
5. Program Element 6. Category Code 7. Project Number 8. Project Cost (\$000)										
5. Program Elemen	t	6. Category Code	8. Project Cost	(\$000) \$10.000						
87717HP)	51010		80906	Aum . Approp	50,000				
	ļ				Thhrob	30,000				
Description of Pror	bosed Constr	ruction (Continued):	1							
(HC) Silver certifiable. Operations and Maintenance Manuals, Enhanced Commissioning, and Comprehensive Interior Design										
will be provided. A	Air Conditio	ning: 3,570 tons.				-				
11. REQ: 2,551,	,618 SF	ADQT: 608,1	.63	SU	BSTD: 1,229,477	SF				
PROJECT:			• •			a 11. 1				
This project implen	nents a com	prehensive master plan to pro	ovide su	fficient world-clas	ss military medical	facilities and an				
integrated system o	f healthcare	delivery for the National Car	pital Ke	gion. This renova	ation of, and additio	in to the Walter Reed				
National Milliary w	Tedical Cem	ter (WKNMMU) will provide head on	e Wound	ainles of ovidence	e duty miniary pers	onnel, and other				
124 050 SE of reno	VOITU-Class I	nearmonthy occupied space der	the print	of approvimately	-Daseu uesign. 1ma 222 000 SE of aged	and deficient				
buildings and the c	values to co	of a new 580 978 SF state-o	f the_art	t medical services	building that will a	ddress the facility and				
program deficienci	es identified	1 by the Defense Health Boar	d in the	ir 2009 report. Sp	ecific goals of the r	project includes				
providing single-be	ed patient ro	poms, promotion of family-ce	entered c	are. use of natural	light wherever pos	sible, and establishing				
clear way finding f	or patients.	families, visitors and staff. T	The proje	ect will right-size	the facility, modern	ize architectural and				
engineering system	s. improve (clinical spaces to support adj	acencies	s. provide function	al areas for the Wo	men's Center and				
Ambulatory Surger	y suites. Th	he project will also modernize	e the Gr	aduate and Profes	sional Medical Edu	cation facility, and				
integrate the latest	, medical tecł	hnologies throughout the med	Jical cer	nter infrastructure.	(Current Mission)					
-		•								
REQUIREMENT:										
The Joint Task Ford	ce for the W	/RNMMC completed a nine-1	month lo	ong study in 2010	published as the W	RNMMC Medical				
Facilities Master PI	an. The nev	w construction incorporates th	heir find	lings and will prov	vide 589,928 GSF c	of new space at the				

Facilities Master Plan. The new construction incorporates their findings and will provide 589,928 GSF of new space at the center of the existing complex, with five levels of finished above grade construction and one basement level. New north-south and east-west major axes of travel will be established, and will include a new major public entrance on the east side of the facility. Development of these direct pathways will facilitate way finding and improve connectivity among clinics, offices and community facilities.

CURRENT SITUATION:

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

IMPACT IF NOT PROVIDED:

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

JOINT USE CERTIFICATION:

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

1. Component						2. Date			
DEF (DHA)	FY 2017 MILITARY CONSTRUCTION PROJECT DATAFEB 2016								
3 Installation and I	ocation:			1 Project Title					
5. Ilistallation and 1	Location.			4. 110 ject 110.		· • . 1			
Bethesda, Marylan	d			Medical Cent	er Addition/Alterat	ion, Increment I			
Walter Reed Nation	nal Military	Medical Center (WRNMMC	()						
5. Program Elemen	t	6. Category Code	7. Proj	ject Number	8. Project Cost	(\$000)			
87717HP		51010		80906	Auth 5	510,000			
				00700	Approp	50,000			
12. Supplemental I	Data:	I	I						
(1) Status									
(a) Design S	Start Date				FEB 20	013			
(b) Percent of Design Completed as of 1 Jan 2016 67%									
(c) Expected 35% Design Date JAN 2014									
(d) 100% D	(d) 100% Design Completion Date JUL 2016								
(e) Paramet	ric Design ((Yes or No) Y							
(1) Type of 1 De	Design Con	itract: (VFS/NO) N							
2. De	sign. Bid-B	Suild (YES/NO) Y							
3. Site Adapt (YES/NO) N									
(g) Energy	Studies & L	ife Cycle Analysis Performed	d (Yes o	or No) Y					
() Racis									
(2) $\underline{\text{Dasis}}$. (a) Standard	l or Definiti	ive Design - (YES/NO) N							
(b) Where]	Design Was	Most Recently Used N/A							
(3) <u>Total Desi</u>	<u>gn Cost</u> (c)=	=(a)+(b) OR (d)+(e):							
(a) Producti	ion of Plans	and Specifications			21,0	84			
(b) All Othe	er Design U	osts			14,0)56			
(c) Total De (d) Contrac	esign Cosi +				35,1 31 (140 526			
(e) In-house	ι				3.5	514			
					,				
(4) Constructi	on Contract	Award Date			JUNE 20	017			
(5) Constructi	on Start Dat	ie			AUG 20)17			
(6) Construction	on Complet	ion Date			DEC 20)21			
B. Equipment assoc	ciated with t	his project which will be pro	vided fr	om other appropri	ations:				
			Fiscal	Vear					
Equipment		Procuring	Approp	oriated	Cost				
Nomenclature		<u>Appropriation</u>	Or Rec	uested	<u>(\$000)</u>				
Expense		OM	2017		6,350				
Expense		OM	2018		25,400				
Investment		OP	2018		32,000				
Expense Investment		OM	2019 2010		25,400 32,000				
mvestment		01	2019		52,000				

2020

69,850

Expense

OM

1. Component DEF (DHA)	FY 2017 MILITARY CONSTRUCTION PROJECT DATA2. Date FEB 2016								
3. Installation and Location:			4. Project Title:						
Bethesda, Maryland Walter Reed National Milita	ry Medical Center (WRNMMC	C)	Medical Cent	ter Addition/Altera	ation, Increment 1				
5. Program Element	6. Category Code	7. Pro	ject Number	8. Project Cost	(\$000)				
87717HP	51010		80906	Auth Approp	50,000				
Supplemental Data (Continu	ed):								
FUNDING PROFILE: Authorization Appropriations		\$ 510,0	00,000						
2017		\$ 50,0	00,000						
2018 2019		\$ 210,0 \$ 200 0	00,000 00,000						
2020		<u>\$ 50,0</u> \$ 510,0	<u>00,000</u> 00,000						
Chief, Design, Construction	& Activation Office:								
Phone Number: 703-275-60	[]								

DD FORM 1391C, JUL 1999



1. COMPONENT	FY 2	017 MI	LITAR	Y CONST	RUCTION	N PROC	GRAM	2. DATE	3		
DEF (TMA)		ON 4 COMMAND 5 AREA									
3. INSTALLATION AND LOC Nevel Shipverd Pc	ATION	4. C	5. AREA COST	A CONSTR' ' INDEX	UCTION						
(Kittery) Maine	ntsmouth,	Cor	nmande	r Navy Inst	allation Co	ommand			1.11		
									1.11		
6. PERSONNEL	PER	MANENT	Г		STUDENTS	8	SU	JPPORTED)		
STRENGTH: O	FFICER E	NLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL	
A. AS OF 30 SEP 2015 B. END FY 2020	259 255	1,009 1,006	5,091 5,091	0 0	42 42	0 0	72 87	587 612	0 0	7,060 7,093	
			7. INVEN	TORY DAT	A (\$000)					<u> </u>	
A. TOTAL AREA	A. TOTAL AREA 309 Acres										
B. INVENTORY TOTAL AS O	. INVENTORY TOTAL AS OF 30 SEPTEMBER 2015 1,670,936										
C. AUTHORIZATION NOT YE	ET IN INVENT	ORY					0				
D. AUTHORIZATION REQUE	STED IN THIS	PROGRA	AM				27,100				
E. AUTHORIZATION INCLUE	DED IN FOLLO	WING PI	ROGRAM				0				
F. PLANNED IN NEXT THREE	E YEARS						0				
G. REMAINING DEFICIENCY							0				
H. GRAND TOTAL							1,698,036				
8. PROJECTS REQUESTED I	N THIS PROG	RAM:									
CATEGORY PROJECT CODE NUMBER		PROJECT	I TITLE		SCOPE	C	COST \$000)	DESIGN DESIGN START COMPLETE		ESIGN	
550 71509	Medical/	Dental Cl	inic Repla	cement	53,468 SF	2	7,100	09 / 2015	03	3 / 2017	
-											
9. FUTURE PROJECTS:											
CATEGORY CODE		PRO	DJECT TIT	ΓLE			SCO	PE	CO (\$00	ST)0)	
A. INCLUDED I	N THE FOLLO	WING PI	ROGRAM	(FY): 2018						0	
B. PLANNED N	EXT THREE PI	ROGRAM	I YEARS:	: (FY 2019-2	021)					0	
C. R&M UNFUN	NDED REQUIR	EMENT:							756,93	7	
	CTION										
10. MISSION OK MAJOK FUN	CHON.										
Portsmouth Naval Shipyar class submarines. Portsmo overhaul work in a safe, ti services and production sh	outh Naval Shipyard's primary mission is the overhaul, repair and modernization of Los Angeles-class and Virginia- ibmarines. Portsmouth Naval Shipyard provides the U.S. Navy's nuclear powered submarine fleet with quality al work in a safe, timely and affordable manner. This includes a full spectrum of in-house supportfrom engineering s and production shops, to unique capabilities and facilities, to off-site supportall of which serves the multifaceted										
assortment of freet require	ments.										
								+000			
11. OUISTANDING POLLUTI	ON AND SAFE	ETY DEF.	ICIENCIE	25:			(\$000)			
A. AIR POLLUTION	R POLLUTION 0										
B. WATER POLLUTION								0			
C. OCCUPATIONAL SAFETY	AND HEALT	Н						0			

1. Component DEF (DHA)		FY 2017 MILITARY CC	ONSTI	RUCT	ION PRC)JE(CT DAT	Α	2. Date FEB 2016
3. Installation and Loca	ation/UI	.C:	4. Pr	oject Title	e:		I	1202010	
Naval Shipyard Port (Kittery) Maine	tsmouth		N	Iedical/De	ental	Clinic R	eplacemen	t	
5. Program Element		6. Category Code	7. Pro	oject N	Number		8. Proje	ect Cost (\$	000)
87717HP		55010	71	1509			27,1	00	
		9. COST	ЛАТЕ	S					
		Item			U/M	Qı	antity	Unit Cos	t Cost (\$000)
PRIMARY FACILITIE Medical Clinic CATCO Dental Clinic CATCO Additional Antiterroris		SF SF LS	4	8,773 4,695	342 496	19,449 (16,680) (2,329) (440)			
SUPPORTING FACIL Electric Services	<u>ITTIES</u>				LS				4,972 (560) (420)
Water, Sewer, Gas Paving, Walks, Curbs a Storm Drainage Site Imp (1 500) and D	and Gutt	ers			LS LS LS LS		 		(420) (360) (400) (1,500)
Information Systems Antiterrorism Measures Special Foundations	s				LS LS LS LS			 	(180) (200) (402)
EISA 2007 Section 438 Other (O&M Manuals, ESTIMATED CONTR	Low Ir PCAS a	npact Development Compli and Enhanced Commissioni OST	iance ing)		LS LS				(290) (660) 24,421
CONTINGENCY PER SUBTOTAL SUPERVISION, INSP TOTAL REQUEST TOTAL REQUEST (R INSTALLED EOT-OT	CENT (ECTION OUND	5.00%) N & OVERHEAD (5.70%) ED) PPROPRIATIONS							$ \begin{array}{r} $
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: CATCODE 5501 CATCODE 5501	10 = 48 10 = 4	ADQ ,773 SF C ,695 SF C)T:)SF)SF					SUBS 64,72	TD: 25 SF 0 SF
PROJECT: Construct a medical/de	ntal clin	ic replacement. (CURREN	JT MIS	SSION	I)				

1. Component DEF (DHA)	FY 2017 MILITARY CONSTRUCTION PROJECT DATA 2. Date FEB 2016								
3. Installation and Locat	tion/UI	C:		4. Project Title:					
Naval Shipyard Ports (Kittery) Maine	smouth	,		Medical/Dental	Clinic Replacemen	t			
5. Program Element		6. Category Code	7. Pr	oject Number	8. Project Cost (\$	000)			
87717HP		55010		71509	27,1	.00			
<u>REQUIREMENT:</u> Portsmouth Naval Shipy dental, and selected spec civilian workers.	vard (Pl cialty ca	NSY) requires a safe and ef are to active duty members	ficient and th	environment to prov eir families as well a	ride primary, behav s occupational heat	ioral health, th services to			
CURRENT SITUATION The existing clinic at PN the delivery of modern a services, resulting in a d suffers from structural at functions relative to actu main facility does not co IMPACT IF NOT PROV Required medical, denta	<u>N:</u> ISY is l umbulat ispersion nd arch ual requ omply v <u>VIDED</u> I, beha	located in a building constr ory care procedures. The e on of patients and personne itectural constraints that pr irements. In addition to the vith standards pertaining to <u>:</u> vioral, and occupational hea	ucted o existing l into eclude e prob AT/F	over 100 years ago as g facility cannot acco various non-medical the right-sizing of cl lems associated with P, accessibility, and s rvices will continue t	s a hospital and is n pmmodate the full r buildings. The mai linical, ancillary, ar building systems a safety.	not conducive to ange of required in building ad support and design, the utdated,			
<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.									
 12. Supplemental Data: A. Design Data (Estima (1) Status: 	ited):								
 (a) Design Start (b) Percent of Design (c) Expected 35% (d) 100% Design (e) Parametric D (f) Type of Design 1. Design 2. Design 3. Site Ae (g) Energy Studi 	Date esign C % Design n Comp Design (gn Cont n Build n, Bid-H dapt (Y ies & L	Completed as of 1 JAN 2016 gn Date letion Date Yes or No) Yes. Parametric rract: (YES/NO) N Build (YES/NO) Y 'ES/NO) N ife Cycle Analysis Perform	5 estimed (Ye	nates have been used es or No) Y	SEP 2 JUN 2 MAR 2 to develop project	015 5% 016 017 costs.			
(2) <u>Basis</u> : (a) Standard or I (b) Where Desig	Definiti 3n Was	ve Design - (YES/NO) N Most Recently Used N/A	A						
 (3) <u>Total Design Ca</u> (a) Production of (b) All Other De (c) Total Design (d) Contract (e) In-house 	ost (c)= f Plans esign Co Cost	e(a)+(b) OR (d)+(e): and Specifications osts			<u>Cost (\$0</u> 1, 2, 2,	000) 463 976 439 195 244			

DD FORM 1391C. JUL 1999

1. Component DEF (DHA)	FY 2017 MILITARY CO	ONSTI	RUCTION PROJE	CT DATA	2. Date FEB 2016							
3. Installation and Location/U	IC:		4. Project Title:									
Naval Shipyard Portsmouth (Kittery) Maine	1,		Medical/Denta	l Clinic Replaceme	nt							
5. Program Element	6. Category Code	7. Pr	oject Number	8. Project Cost (\$000)							
87717HP	55010		71509	27,	,100							
Supplemental Data (Continued	1):											
(4) Construction Contract(5) Construction Start Date(6) Construction Completion	t Award Date tte tion Date			JUL OCT APR	2017 2017 2020							
B. Equipment associated with	this project which will be p	rovide	ed from other approp	oriations:								
Fiscal Year												
Equipment	Procuring	App	propriated	Cost								
Nomenclature	Appropriation	<u>Or l</u>	Requested	<u>(\$000)</u>								
Expense	ОМ			\$7,535								
Expense	OP			\$ 680								
Chief, Design, Construction & Phone Number: 703-275-607	Activation Office											

1. COMPONENT			FY 2017 N	/IILITAR	Y CONST	RUCTION	N PROG	RAM	2. DAT	E		
DEF(TMA)										FEB 2016		
3. INSTALLATION AN MCB Camp Le	ON AND LOCATION 4. COMMAND amp Lejeune,								5. ARE COST	Α CONSTR Γ INDEX	UCTION	
North Carolina	Carolina Commandant of the Marine Corps								C	.95		
				-								
6. PERSONNEL STRENGTH:			PERMANEN	Г		STUDENTS		S	JPPORTED)		
A AS OF 20 SED 201	OFF	ICER	ENLIST		OFFICER	ENLIST	CIVIL 177	OFFICER	ENLIST	CIVIL	TOTAL	
A. AS OF 30 SEP 201. B. END FY 2020	5 4 3	,125 3,951	43,448 39,342	4,040 4,045	1,835 1,634	38,471 35,293	177 132	0	0	61,454 61,454	153,550 145,851	
				7. IN	VENTORY D	DATA (\$000)						
A. TOTAL AREA			129,799 Acre	es								
B. INVENTORY TOT.	AL AS O	F 30 SE	PTEMBER 20)15			9,505,71	7				
C. AUTHORIZATION	NOT YE	ET IN IN	VENTORY				573,30	53				
D. AUTHORIZATION	I REQUE	STED IN	THIS PROG	RAM			31,00	00				
E. AUTHORIZATION	INCLUE	DED IN F	FOLLOWING	PROGRAM	1		39,90	00				
F. PLANNED IN NEX	T THREE	E YEARS	8					0				
G. REMAINING DEFI	MAINING DEFICIENCY 0											
H. GRAND TOTAL	TOTAL 10,150,710											
8. PROJECTS REQUE	ESTED IN	N THIS P	ROGRAM:									
CATEGORY PI CODE N	ROJECT UMBER		PROJE	CT TITLE		SCOPE	C (5	COST \$000)	DESIGN START	DI COM	ESIGN MPLETE	
540	14019		Dental Clin	ic Replacem	ient	43,890 SF	3	1,000	09 / 2015	5 03 / 2017		
9. FUTURE PROJECT	ГS:											
CATEGORY										(COST	
CODE				PROJECT	TITLE				SCOPE	()	\$000)	
A. INCL	UDED IN	THE FO	DLLOWING H	PROGRAM	(FY): 2018				IC	1	0.200	
550 Medic 550 Medic	cal/Dental	Clinic	Alteration						LS LS	1	0,300 4,800	
550 Medic	cal/Dental	Clinic							LS	1	4,800	
B. PLAN	INED NE	XT THR	EE PROGRA	M YEARS:							0	
C. R&M	UNFUNI	DED RE	QUIREMENT	`:						203	3,478	
10. MISSION OR MAJO	OR FUNC	CTION:										
MCD Comp Lair	mp Laioung supports the combet readings of expeditioners forces by providing training logistics, comiser support											
mobilization and de	eplovme	ent supr	ort and a w	vide range	of quality of	of life servi	ices inclu	iding housin	g. safety a	and securi	tv.	
medical and dental	care, fa	mily se	rvices, off	duty educa	ation and re	creation.		0	<i>C</i> , ,			
11. OUTSTANDING P	POLLUTI	ON ANI	D SAFETY DI	EFICIENCIE	ES:							
A. AIR POLLU	TION									0		
B. WATER POL	WATER POLLUTION 0											
C. OCCUPATIO	ONAL SA	FETY A	ND HEALTH	I						0		

1. Component DEF (DHA)	FY 2017 MII	LITARY CONST	RUCTION	PROJECT D	АТА	2. Date FEB 2016		
3. Installation and Locati	on/UIC:	4. Project Title:						
MCB Camp Lejeune, North Carolina		Dental Clini	c Replacem	ent				
5. Program Element	6. Category Code	7. Project Numbe	er		8. Project Co	st (\$000)		
87717HP	54010		14019		3	1,000		
		9. COST ESTIN	MATES					
	Item		U/M	Quantity	Unit Cos	t Cost (\$000)		
PRIMARY FACILITIES Dental Clinic Replaceme Medical Administrative	CATCODE 54010 CATCODE 61020		SF SF	43,890 26,405	438 202	24,558 (19,224) (5,334)		
SUPPORTING FACILITIESIS3Electrical ServiceLS(3)Water, Sewer, GasLS(4)Paving, Walks, Curbs and GuttersLS(4)Storm DrainageLS(4)Storm DrainageLS(4)Site Imp (600)Demo (755)LS(4)Information SystemsLS(4)Antiterrorism MeasuresLS(4)EISA 2007 Section 438 Low Impact Development ComplianceLS(4)Other (O&M Manuals, PCAS, Enhanced Commissioning)LS(4)ESTIMATED CONTRACT COSTLS(4)29SUPERVISION, INSPECTION & OVERHEAD (5.70%)11TOTAL REQUEST313131								
INSTALLED EQTOTHER APPROPRIATIONS (8,215) 10. Description of Proposed Construction: (8,215) 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								

1. Component DEF (DHA)	FY 2017 MII	2. Date FEB 2016					
3. Installation and Locat	ion/UIC:	4. Project Title:					
MCB Camp Lejeune North Carolina	,	Dental Clinic Replacement					
5. Program Element	6. Category Code	7. Project Number	8. Project Cost (\$000)				
87717HP	54010	14019	3	1,000			

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> :	

D FORM 1201C HH 1000

(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 Locat	ion/UIC:	4. Project Title:		1LD 2010					
MCB Camp Lejeune, North Carolina	,	Dental Clinic Replacement	Dental Clinic Replacement						
5. Program Element	6. Category Code	7. Project Number	8. Project C	Cost (\$000)					
87717HP	54010	14019	ź	31,000					
Supplemental Data (continued):									
 (3) <u>Total Design Co</u> (a) Production of (b) All Other De (c) Total Design (d) Contract (e) In-house (4) Construction Co (5) Construction St (6) Construction Co B. Equipment associated	ost (c)=(a)+(b) OR (d) f Plans and Specificati sign Costs Cost ontract Award Date art Date ompletion Date d with this project whi	+(e): ons ch will be provided from other appropriatior	<u>Cost (\$0</u> 1, 2, JUL 2 OCT 2 MAY 2	000) 674 116 790 511 279 017 017 020					
1 1	<u>I</u> J								
E automat	Due surie s	Fiscal Year	7						
Nomenclature	<u>Appropriation</u>	<u>Or Requested</u>	<u>(\$000)</u>						
Expense	OM OP	9	67,535 6 680						
Chief, Design, Construct Phone Number: 703-27	tion & Activation Offi 5-6077	ce							

1. COMPONENT	FY 2017	MILITARY	CONSTR	UCTION	PROG	RAM	2. DATE			
DEF (DHA)	DHA) FEB 2016									
3. INSTALLATION AND LO	3. INSTALLATION AND LOCATION 4. COMMAND 5. AREA CONSTRUCTION COST INDEX									
Sheppard Air Force Base, Texas	Force Base, Strategic Air Command 0.844									
6. PERSONNEL STRENGTH	PERMANENT STUDENTS SUPPORTED									
0	FFICER ENLIS	ST CIVIL	OFFICER	ENLIST	CIVIL	OFFICE	ER ENLIST	CIVIL TOTAL		
A. AS OF SEP 30 2015B. END FY 2021	447 1,30 469 1,36	2 1,206 7 1,266	225 236	3,320 3,486	0 0	15 20	1,228 1,289	7,307 15,054 7,672 15,805		
		7. INVE	NTORY DAT.	A (\$000)						
A. TOTAL AREAGE	5,73	36								
B. INVENTORY TOTAL AS	OF SEPTEMBER	30, 2015				0				
C. AUTHORIZATION NOT	YET IN INVENTO	ORY				0				
D. AUTHORIZATION REQU	JESTED IN THIS	PROGRAM				91,910				
E. AUTHORIZATION INCL	UDED IN FOLLO	WING PROGR	AM			0				
F. PLANNED IN NEXT THR	EE YEARS					0				
G. REMAINING DEFICIENC	CY					0				
H. GRAND TOTAL						91.910				
8. PROJECTS REQUESTED	IN THIS PROGR.	AM:								
CATEGORY PROJECT CODE NUMBEI	PROJECT COST DI NUMBER PROJECT TITLE SCOPE (\$000) S'						DESIGN START	GN DESIGN RT COMPLETE		
550 72738	Medical	/Dental Clinic	Replacement	N	I/A	91,910	04 / 2015	12 / 2016		
9. FUTURE PROJECTS:										
CATEGORY							COST			
CODE]	PROJECT TITI	LE			SCOPE	(\$000)			
A. INCLUDEI	O IN THE FOLLO	WING PROGR	AM (FY 2018	3): None		N/A	0			
B. PLANNED	NEXT THREE PI	ROGRAM YEA	ARS: (FY 201	9–2021) N	lone	N/A	0			
C. R&M Unfu	nded Requirements	8					N/A			
10. MISSION OR MAJOR FU	JNCTION:									
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 SAFET	Y AND HEALTH	I					0			

DD FORM 1390, JUL 1999

1. Component DEF (DHA) FY 2017 MILITARY CONSTRUCTION PROJECT DATA								2. Date FEB 2016	
3. Installation and Loc	4. Project Title:								
Sheppard Air Force Texas	Base,			Medical/Dental Clinic Replacement					
5. Program Element		6. Category Code	7. Proje	ct Number		8. Pro	oject Cost (\$	000)	
87717HP		550101		72738			91,9	10	
		9. COST]	ESTIMA	ГES					
		Item		U/M	Quan	ntity	Unit Cost	Cost (\$000)	
PRIMARY FACILITI Medical Clinic Replace Dental Clinic CATCO Ambulance Shelter CA	<u>ES</u> ement C DE 5402 ATCODI	ATCODE 550101 243 E 510264		SF SF SF	155,6 13,1 9	587 00 000	331 505 211	58,338 (51,532) (6,616) (190)	
SUPPORTING FACILITIES Electric Services Water, Sewer, Gas Steam and/or Chilled Water Distribution Paving, Walks, Curbs and Gutters Storm Drainage Site Improvements (2,250) & Demolition (9,500) Information Systems Antiterrorism Measures Special Foundations EISA 2007 Section 438 Low Impact Development Compliance Hazard Material Abatement / Site Restoration Other (O&M Manuals, DDC and Enhanced Commissioning)						>00 211		$\begin{array}{c} 20,228\\ (340)\\ (160)\\ (980)\\ (1,250)\\ (160)\\ (11,750)\\ (390)\\ (440)\\ (1,150)\\ (400)\\ (1,800)\\ (1,408)\\ \hline 78,566\end{array}$	
ESTIMATED CONTRACT COST CONTINGENCY PERCENT (5.00%) SUBTOTAL SUPERVISION, INSPECTION & OVERHEAD (5.70%) DESIGN/BUILD COST (6.00%) TOTAL REQUEST TOTAL REQUEST (UNROUNDED)								78,566 <u>3,928</u> 82,494 4,702 <u>4,714</u> 91,910 91,910 (17,465)	
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 540243 = 13,100 SF 0 SF 0 SF 0 SF									

DD FORM 1391, JUL 1999

1. Component DEF (DHA)		2. Date FEB 2016						
3. Installation and Loc	ation/UI	C:	4. Project Title:					
Sheppard Air Force Base, Texas				Medical/Dental Clinic Replacement				
5. Program Element	Element 6. Category Code 7. F		7. Pr	oject Number	8. Project Cost (\$000)			
87717HP		550101		72738	91,910			

PROJECT:

Construct a medical/dental clinic replacement. (CURRENT MISSION)

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.

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.

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.

JOINT USE CERTIFICATION:

12. Supplemental Data:

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

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 a	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	
$(2) \underline{\text{Basis}};$	
(a) Standard or Definitive Design - (YES/NO) N	
(b) Where Design Was Most Recently Used N/A	

DD FORM 1391C, JUL 1999

1. Component DEF (DHA)	FY 2017 MILITARY	ECT DATA	2. Date FEB 2016							
3. Installation and Locat	ion/UIC:	4. Project Title:								
Sheppard Air Force I Texas	Base,	Medical/Den	Medical/Dental Clinic Replacement							
5. Program Element	6. Category Code	7. Project Number	8. Project Cost (\$	000)						
87717HP	550101	72738	91,9	10						
Supplemental Data (Continued):										
 (3) <u>Total Design C</u> (a) Production o (b) All Other Design (c) Total Design (d) Contract (e) In-house (4) Construction C (5) Construction St (6) Construction C B. Equipment associate 	ost (c)=(a)+(b) OR (d)+(e): f Plans and Specifications esign Costs Cost ontract Award Date eart Date ompletion Date d with this project which will b	be provided from other appr	<u>Cost (\$000)</u> 1,540 3,860 5,400 4,320 1,080 JUN 2017 AUG 2017 SEP 2019 ided from other appropriations:							
		Fiscal Year								
Equipment	Procuring	Appropriated	Appropriated Cost							
Nomenclature	<u>Appropriation</u>	Or Requested	<u>(\$000)</u>							
Expense Investment Expense Investment Investment	OM OP OM OP OM OP	2017 2018 2018 2019 2019	\$ 768 \$ 702 \$13,055 \$ 702 \$ 1,536 \$ 702							
Chief, Design, Construc Phone Number: 703-27	tion & Activation Office 5-6077									

DD FORM 1391C, JUL 1999

1. COMPONENT	FY 2017 MILITARY CONSTRUCTION PROGRAM 2. DATE										
DEF (DHA)	HA)							FEB 2016			
3. INSTALLATION AND LOC	ATION	4. CO	MMAND					5. AREA CONSTRUCTION COST INDEX			
Germany Various, Germany	ny Various, US Army Installation Management Command								1.17		
6. PERSONNEL STRENGTH	I	PERMAN	ENT		STUDEN	TS		SUPPORTED			
OFF	ICER 1	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL	
A. AS OF JUL 30 2015 B. END FY 2021	0 2015 0 <td>0 0</td> <td>0 0</td>								0 0	0 0	
7. INVENTORY DATA (\$000)											
A. TOTAL AREA	131.	,060 AC				21	-00 -10				
B. INVENTORY TOTAL AS U	F 1 SEP 2	015	_			31	,398,619				
C. AUTHORIZATION NOT YE	ET IN INV	ENTORY				1	,061,753				
D. AUTHORIZATION REQUE	STED IN	THIS PRO	DGRAM				0				
E. AUTHORIZATION INCLUE	DED IN FO	OLLOWIN	NG PROGR	RAM			0				
F. PLANNED IN NEXT THREE	E YEARS						394,872				
G. REMAINING DEFICIENCY	•						0				
H. GRAND TOTAL		POCDAN				32	,855,244				
8. PROJECTS REQUESTED I	N THIS P	ROGRAN	4:								
CATEGORY PROJECT CODE NUMBER		PROJE	CT TITLE		SCOPE	CO (\$0	OST DESIGN DES 000) START COMP			SIGN PLETE	
510 81412	Hospital	Replacem	ent, Increm	nent 6	LS	58,0)63	11 / 2010	06 /	06 / 2018	
9. FUTURE PROJECTS:											
CATEGORY				_				COST	Г		
CODE		PR	OJECT TII	TLE			SCOPE	(\$000))		
A. INCLUDED I 510 Hospital Repla	N THE FO acement, I	OLLOWIN ncrement	NG PROGR 7	RAM (FY 2018	8):		LS	394,8	72		
B.PLANNED NEXT THREE PROGRAM YEARS (2019-2021): Medical Clinic ReplacementLS20,094											
C. R&M Unfund	ed Require	ements						Nor	ne		
10. MISSION OR MAJOR FUN	CTION:										
Installation support US Army, Europe and Seventh Army (USAREUR), a trained and ready force capable of rapidly responding and operation jointly in support of US EUCOM theater strategy. Installation serve as a base for projecting power in and out of EUCOM areas of responsibility by providing facilities for training, maintaining, housing, and supporting USAREUR's subordinate and supporting units/organizations. These units consist of combat support, and combat service support tactical units as well as theater, mission, installation support, and quality of life organizations required to maintain a trained and ready force oversees.											
11. OUTSTANDING POLLUTI	ON AND	SAFETY	DEFICIEN	ICIES:				(\$000)			
A. AIR POLLUTION								0			
B. WATER POLLUTION								0			
OCCUPATIONAL SAFETY A			0								

1. Component DEF (DHA)		FY 2017 MILITARY CONSTRUCTION PROJECT DATA 2. Date FEB 2016								
3. Installation and Location:4. Proje					oject Title:					
Rhine Ordnance Barracks,					Medical Center Replacement, Increment 6					
5 Program Flament		6 Catagory Code	7 Proje	et Numb	er 8 Deciast Cost (\$000)					
5. Flogram Element		0. Calegory Code	7. F10je		CI	8. Flojec	i Cosi (o	000)		
87717HP		51010		81412			5	58,063		
		9. (COST ES	STIMATI	ES					
		Item			U/M	Quantity	Unit C	lost	Cost (\$000)	
PRIMARY FACILIT	IES								654.662	
Medical Center/Hosp	ital (33.082 SM)			SF	356,091	44	19	(159.887)	
Medical Clinic (36,65	59 SN	(Iv			SF	394,594	44	16	(176,030)	
Administrative Facili	ty (1	2,455 SM)			SF	134,061	36	55	(48,864)	
Medical Warehouse (9,07	0 SM)			SF	97,631	31	5	(30,779)	
Ambulance Garage (2	283 S	SM)			SF	3,045	29	96	(902)	
Canopies (733 SM)		,			SF	7,890	29	97	(2,340)	
Special Foundations (37.9	59 SM)			SF	408,587	1	7	(6,927)	
Service Basement (20	.638	SM)			SF	222,146	18	39	(41.946)	
Parking Structures	,				SP	1.642	19.37	75	(31.814)	
Central Utility Plant					LS			-	(50.095)	
Helicopter Pad					LS				(645)	
Communication Cent	er A	lterations (Bldgs 711 & 164	4)		LS				(1.642)	
Bridge and Road Imp	rove	ments	/		LS				(10,284)	
Access Control Point	Faci	lity			LS				(23,992)	
World Class Design					LS				(9.368)	
SDD & EPAct05, EIS	SA20	007, and Renewable Energy	7		LS				(19,551)	
Building Information	Svst	ems			LS				(21.588)	
Antiterrorism Measur	es				LS				(18.008)	
SUPPORTING FACI	LIT	ES							204.503	
Electric Service					LS				(62,992)	
Water, Sewer, Gas					LS				(18,716)	
Steam and/or Chilled	Wat	er Distribution			LS				(3,329)	
Paving, Walks, Curbs	anc	l Gutters			LS				(14,801)	
Storm Drainage					LS				(26,228)	
Site Improvement (2	6,84´	7) Demo (5,774)			LS				(32,621)	
Information Systems					LS				(5,167)	
Antiterrorism Measur	es				LS				(9,914)	
Environmental Comp	ensa	tion			LS				(16,019)	
Other (O&M Manual	s, CI	D, DDC and Enhanced Cor	mmissior	ning)	LS				(14,716)	
ESTIMATED CONT	RAC	CT COST							859,165	
CONTINGENCY PE	RCE	ENT (5.00%)							42,958	
SUBTOTAL									902,123	
SUPERVISION, INS					58,638					
CATEGORY E EQU					29,262					
TOTAL REQUEST					990,023					
TOTAL REQUEST (990,000					
PREVIOUS APPROF					528,648					
FUTURE APPROPR					394,872					
CURRENT APPROPRIATION REQUEST (UNROUNDED)									58,063	
INSTALLED EQT-O	THE	ER APPROPRIATIONS							(174,811)	
10. Description of Pro	opose	ed Construction:								
The sixth increment f	unds	liabilities potentially incur	red by th	e Germa	n govern	ment, the co	ontract ex	ecutio	on entity, in	
accordance with Artic	accordance with Article 49 of the Supplementary Agreement to the Status of Forces Agreement. German fiscal and									

DD FORM 1391, JUL 1999
1. Component DEF (DHA)	FY 2017 MILITARY CONSTRUCTION PROJECT DATA 2. Date FEB 20						
3. Installation and Loc	Installation and Location: 4. Project Title:						
Rhine Ordnance Ba Germany	urracks,	acks, Medical Center Replacement, Increment					
5. Program Element	6. Category Code	7. Proje	ect Number	8. Project Cost (\$	000)		
87717HP	51010		81412	5	58,063		
contract. These funds Hospital will provide i Staging Facility (ASF) ambulance garage, par include: contingency u Building alteration, br ordnance storage area the existing 86th MDC contingency and bulk criteria prescribed in U 4-010-01, barrier-free DEPSECDEF Memora MHS World Class Che (SSPP), the Energy Po (SOFA). The project u	will ultimately be used for the npatient services with continge , support functions, medical ac king garage, central energy pla tilities and laydown area, site i dge and road improvements, a and environmental protection a facilities will be returned to re- storage logistics will remain on Unified Facilities Criteria UFC design in accordance with DoE andum "Access for People with ecklist Requirements, Executiv licy Act of 2005 (EAPct05), ar will be LEED Healthcare Silve	medical ency expa lministra ant, helico improven ccess con and mitig espective n Landstu 4-510-01 D, "ABA n Disabili re Order nd in acc er certifia	center construction ansion, outpatient a tion, and sub-basen opter pad, and road nents, surface parkintrol point facilities ation. The existing installations for ot thl. The project will , DoD Minimum A (Architectural Barr ties" dated 10/31/2 13514, DoD Strate ordance with the ho ble. Operation and	once that contract and specialty care cluent zones. Ancilla improvements. Su ng, access roads, C , demolition and sit Landstuhl Regiona her uses except for l be designed in acc ntiterrorism Standa iers Act) Accessibi 008, Evidence Base gic Sustainability P sst nation Status of Maintenance Manu	is awarded. The inics, Aero Medical ary facilities include pporting facilities communications the clearance of former al Medical Center and Blood Donor Center, cordance with the ards for Buildings UFC lity Standard" and ed Design principles, performance Plan Forces Agreement tals, Design During		

tons (8,800 KW).

REQ: 1,119,799 SF

ADQT: 69,180 SF

SUBSTD: 819,908 SF

PROJECT:

11.

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

REQUIREMENT:

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

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

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

CURRENT SITUATION:

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

1. Component DEF (DHA)	FY 2017 MILITARY	2. Date FEB 2016				
3. Installation and Loca	ation:					
Rhine Ordnance Ba Germany	rracks,		Medical Center Replacement, Increment 6			
5. Program Element	6. Category Code	7. Proje	ct Number	8. Project Cost (\$	000)	
87717HP	51010		81412	58,063		

Medical Center care areas are located in 22 cantonment "finger" buildings built between 1951 and 1953 and a critical care tower built in 1983. Additional activities, such as preventive medicine, logistics, the blood donor center, education and training, and the dental clinic are located in buildings external to the medical center. The multiple "finger" buildings and central circulation corridor are more than 50 years old. The current layout is inefficient, covers almost 3.5 miles of corridors and hallways, and is not capable of supporting modern medical practices. The current conditions pose concerns for patient and staff safety related to lack of single patient rooms, undersized operating rooms, infection control, patient privacy, and excessive travel distances between clinical activities. The buildings have significant deficiencies related to building systems, building integrity and code compliance.

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

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

IMPACT IF NOT PROVIDED:

Healthcare for warriors and their family members will be provided in inefficient, dysfunctional cantonment facilities that have exceeded their useful life and are currently in very poor condition. Accordingly, health care for the enrolled beneficiaries, the other beneficiaries in Europe and the deployed warriors in the EUCOM, CENTCOM and AFRICOM Areas of Responsibility will continue in an inadequate environment. Life support systems will be compromised; fire and life safety standards will only be met on the margins; and patient flow will continue to be dysfunctional. Failure to invest in this project will perpetuate a host of problems that put at risk the safety of both patients and staff, including: the shored-up cantonment buildings, presenting a real and increasing possibility of a catastrophic facility-related failure.

JOINT USE CERTIFICATION:

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

12. Supplemental Data:

A. Design Data (Estimated):

(1) <u>Status</u> :	
(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 Loca	ation:		4. Project Title:		I				
Rhine Ordnance Ba Germany	urracks,		Medical Cente	r Replacement, Inc	rement 6				
5. Program Element	6. Category Code	7. Proje	ect Number	8. Project Cost (\$	000)				
87717HP	51010		81412		58,063				
 Site Adapt (YES/NO) N Host Nation Partnering Method Y 									
(g) Energy Stu	idies & Life Cycle Analysis P	erformed	(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) Total Design Cost (c)=(a)+(b) OR (d)+(e):Cost (\$000)(a) Production of Plans and Specifications50,500(b) All Other Design Costs63,500(c) Total Design Cost114,000(d) Contract97,000(e) In-house17,000									
(4) Construction ((5) Construction ((6) Construction (B. Equipment associated (Contract Award Date Start Date Completion Date ted with this project which wi	ll be prov	ided from other app	MA DI DI DI	AR 2012 EC 2013 EC 2022				
		F	iscal Vear						
Equipment <u>Nomenclature</u> Investment Expense Expense	Procuring <u>Appropriation</u> OP OM OM	4 <u>(</u>	Appropriated Dr Requested 2020 2021 2022	(<u>\$</u> 44, 65,	Cost 000) ,811 ,000 ,000				
C. FUNDING PROFILE: Authorization \$990,000,000 Appropriations 2012 \$ 70,333,000 2013 \$117,041,000 2014 \$ 66,545,000 2015 \$189,695,000									
2016 \$ 85,034,000 2017 \$ 58,063,000 2018 \$394,872,000 \$981,583,000									
Phone Number: 703-2	75-6077								



1. COMPONENT	T FY 2017 MILITARY CONSTRUCTION PROGRAM 2. DATE EER 2016								
DEF (DHA)	AND LOCATION 4 COMMAND 5. AREA CONSTRUCTION								
S. INSTALLATION AND LO Kadena Air Base	cation 4.	СОММА	ND				COST INDE	X	
Okinawa, Japan	,			1.77					
	I								
6. PERSONNEL STRENGTH:	PERMANENT	•	S	STUDENTS			SUPPORTED		
OF	FICER ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICE	ER ENLIST	CIVIL TO	OTAL
A. AS OF SEP 30 2015B. END FY 2021	5932,4235642,508	3,693 3,860	0 0	100 92	2,515 9,3 2,326 9,3	365 387			
		7. INVEN	NTORY DAT	'A (\$000)					
A. TOTAL AREAGE	3,368								
B. INVENTORY TOTAL AS	OF SEPTEMBER 30,	2015			6,	397,724			
C. AUTHORIZATION NOT Y	TET IN INVENTORY					0			
D. AUTHORIZATION REQU	ESTED IN THIS PRO	OGRAM				20,881			
E. AUTHORIZATION INCLU	JDED IN FOLLOWIN	IG PROGR	AM			0			
F. PLANNED IN NEXT THR	EE YEARS					0			
G. REMAINING DEFICIENC	Y					0			
H. GRAND TOTAL					6,4	418,605			
8. PROJECTS REQUESTED	IN THIS PROGRAM:								_
CATEGORY PROJECT CODE NUMBER	, R PR	OJECT TIT	ĽE	SC	OPE	COST (\$000)	DESIGN START	DESIGN COMPLET	1 TE
530 14022	Medical	Materiel W	arehouse	55	,000	20,881	10 /2015	12 / 2017	7
9. FUTURE PROJECTS:									
CATEGORY CODE	PRC	JECT TITL	Æ			SCOPE	COST (\$000)		
A. INCLUDED	IN THE FOLLOWIN	IG PROGR	AM (FY 201	8): None		N/A	0		
B. PLANNED	NEXT THREE PROC	RAM YEA	RS: (FY 201	9–2021) N	lone	N/A	0		
C. R&M Unfun	nded Requirements	_				_	N/A		
10. MISSION OR MAJOR FU	NCTION:								
Operating from the largest U.S responsive staging and operation around 93 aircraft comprised o	. installation in the As onal air base with inte- of 54 F-15, 15 KC-135	ia-Pacific re grated, depl , 10 HH-60,	egion, the 18t oyable, forwa 2 E-3, 10 C-	h Wing defer rrd-based air 130, and 2 R	nds U.S. a power. Str C-135	nd Japanese rategy used	mutual interests to employ this m	by providing a ission centers	
11. OUTSTANDING POLLUT	FION AND SAFETY	DEFICIEN	CIES:				(\$000)		
A. AIR POLLUTION							0		
B. WATER POLLUTION							0		
C. OCCUPATIONAL SAFET	Y AND HEALTH						0		

1. Component DEF (DHA)	FY 2017 MILITARY CONSTRUCTION PROJECT DATA2. Date FEB 2016						
3. Installation and Locat	ion/UIC:	4. Proj	. Project Title:				
Kadena Air Base, Okinawa, Japan		Me	dical Materie	l War	ehouse		
5. Program Element	6. Category Code	7. Project	Number		8. Projec	ct Cost (\$0	00)
87717HP	530602		14022			20.	.881
	9	COST EST	TIMATES				,
	Item	COSTLS	U/M	Q	uantity	Unit Cos	st Cost (\$000)
PRIMARY FACILITIES	<u>S</u>						15,060
Medical Warehouse CA	TCODE 530602		SF		55,000	270	(14,850)
Emergency Generator			LS				(210)
SUPPORTING FACILI	TIES						2,970
Electric Services			LS				(70)
Water, Sewer, Gas	10 //		LS				(130) (440)
Paving, Walks, Curbs an	nd Gutters						(240)
Storin Drainage Site Imp (90) and Demo	(410)						(500)
Information Systems	(410)		LS				(10)
Antiterrorism Measures			LS				(160)
Special Foundations			LS				(1,090)
Other (O&M Manuals, I	DDC and Enhanced Commi	ssioning)	LS				(329)
ESTIMATED CONTRA	ACT COST						18,029
CONTINGENCY PERC	CENT (5.00%)						901
SUBTOTAL							18,930
SUPERVISION, INSPE	CTION & OVERHEAD (6	5.50%)					1,230
DESIGN/BUILD COST	(4.00%)						721
TOTAL REQUEST							20,881
TOTAL REQUEST (UN	VROUNDED)						20,881
INSTALLED EOT-OTH	ER APPROPRIATIONS						(3.705)
10. Description of Prop	osed Construction:			1			(0,1,00)
Construct a new medical	l warehouse to support a sca	alable opera	ation to delive	er Joir	nt Class V	IIIA medic	cal logistics.
Supporting facilities incl	lude utilities, site improven	nents, parki	ng, access roa	ads, ar	nd enviror	imental pro	otection measures.
The project will be desig	gned in accordance with Un	ified Facili	ties Criteria (UFC)	1-200-01	General B	uilding
Requirements, UFC 1-20	00-02 High Performance an	d Sustainal	ble Building H	Requir	ements, U	JFC 4-440	-01 Warehouses and
Storage Facilities, UFC	4-010-01 DoD Minimum A	ntiterrorisn	n Standards I	or Bui	lidings, ba	irrier free d	lesign in accordance
People with Disabilities'	' dated 10/31/2008 Operat	ions and M	anuaru anu r aintenance M	JEFSI Ianual	S and enh	anced com	missioning will be
provided. Air Condition	ning: 170 tons.			ianuai			initissioning with be
I	8						
11. REQ: 55,000 SF	AĽ	DQT: 0			SUI	BSTD: 7,2	64 SF
DDOIDCT							
<u>PROJECT:</u> Construct a medical war	PROJECT:						
Construct a filturear war		1011)					
REQUIREMENT:							
Joint Class VIIIA medic	al supplies must be stored i	n a sufficie	ntly-sized, cli	imate-	controlled	l facility th	nat allows for rapid
deployment to support p	otential wartime and human	nitarian ass	istance missio	ons in	the Pacifi	c Theater.	

1. Component DEF (DHA)	FY 2017 MILITAR	Y CONSTRUCTION PRO	JECT DATA	2. Date FFB 2016			
3. Installation and Location	on/UIC:	4. Project Title:		1110 2010			
Kadena Air Base, Okinawa, Japan		Medical Materiel War	rehouse				
5. Program Element	6. Category Code	7. Project Number	8. Project Cost (\$000)			
87717HP	530602	14022 20,881					
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. 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. 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,							
JOINT USE CERTIFICA The Director, Defense He construction is recommen	<u>ATION:</u> ealth Agency, Facilities Di- nded.	vision has reviewed this proje	ect for Joint Use po	otential. Joint Use			
12. Supplemental Data: A. Design Data (Estimated): (1) Status: (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 (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 3. Site Adapt (YES/NO) N (g) Energy Studies & Life Cycle Analysis Performed (Yes or No) Y (2) Basis: (a) Standard or Definitive Design - (YES/NO) N (b) Where Design Was Most Recently Used N/A							

1. Component DEF (DHA)	FY 2017 MILITARY CONSTRUCTION PROJECT DATA 2. Date FEB 2016								
3. Installation and Locati	on/UIC:	4. Project Title:							
Kadena Air Base, Okinawa, Japan		Medical Materiel Wa	rehouse						
5. Program Element	6. Category Code	7. Project Number	. Project Number 8. Project Cost (\$000)						
87717HP	530602	14022 20,881							
Supplemental Data (Continued):									
 (3) <u>Total Design Co</u> (a) Production of (b) All Other Design (c) Total Design (d) Contract (e) In-house 	est (c)=(a)+(b) OR (d)+(e) Plans and Specifications sign Costs Cost	:	<u>Co:</u>	s <u>t (\$000)</u> 480 380 860 80 780					
(4) Construction Co	ontract Award Date		Л	UN 2017					
(5) Construction Sta (6) Construction Co	art Date		S	EP 2017 FP 2019					
B. Equipment associated	l with this project which v	vill be provided from other app	propriations:	LI 2017					
Equipment <u>Nomenclature</u>	Procuring <u>Appropriation</u>	Fiscal Year Appropriated <u>Or Requested</u>	Cost (\$000)						
Expense	ОМ	2017	\$ 156						
Expense	OM	2018/2019	\$2,964						
Investment	OP	2018	\$ 585						
Chief. Design. Construct	ion & Activation Office								
Phone Number: 703-275	5-6077								

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

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

1. COMPONENT		EV 20	17 N/III	2. DATE						
Defense Information	1	F I 20		F	ebruary 2016					
Systems Agency				1	cordary 2010					
3. INSTALLATION AND LOC	CATION			4. COM		5. AREA CO	INSTRUCTION COST			
Fort Huachuca, Arizona										
Fort Huachuca, Arizona										
Defense Information Systems										\$4,493
				Agen	су		1			· ,
6. PERSONNEL	(1)) PERMANE		(2	2) STUDENT	S	0551055	(3) SUPPOR		(4) TOTAL
	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	OFFICER	D CIVILIAN		
a. AS OF										
b. END FY										
7 INVENTORY DATA (\$000)									
a. TOTAL ACREAGE	/							ſ		N/A
	OF									N/A
		,								N/A
										\$4,493
			A M							¢ .,
		ARS								
	Y									Ν/Δ
										\$4 493
h. GRAND TOTAL										ψ1,100
8. PROJECTS REQUESTED	2 CATGE									
(1) CODE	(2) PROJECT	TITLE		(3) SCOPE	E	b. C (\$0	: OST)00)	DESI	GN START	STATUS COMPLETE
61050	JITC Building	g 52110	Rer	novate ex	tisting	¢1 10	02	lanua	ny 2016	December 2017
01050	Renovat	tion	bu	ilding 52	110	φ4,43	93	Janua	y 2010	December 2017
9. FUTURE PROJECTS			1			l		l		
Cata nami Cada						Draia	а. Т:на.			Cast
						Proje			_	Cost:
61050 40 MISSION OF MA IOF FU	NCTIONS			JIIC	Buildir	ng 521	10 Ren	ovatio	1	\$4,493
IITC conducts test	ting of nati	onal se	curity	eveton	hae and	inform	ation to	chnold	nav eveta	ms hardwara
software and com	ang of had	Sorvico	s inclu	do dov	ns anu velonmu	antal c	conform		interoper	ability operational
and validation test	ing IITC	provide	s inclu	ue uev	evetom	tostin	a" with	ite one	-of-a kind	l array of test
bode and uniquely	auglified a	provide staff T	bo cor	mmonc	l con in	torface		ite on-e	sito conob	vilition and its
peus and uniquely	quaimeu :	a or or		ninanu nal faci	ility wo	rldwide			sile capar	indes and its
Goorgo G. Moodo	Maryland	ly UI UL I. Eart L	Juach	lai lau	inty wor	nuwiue	ion Uo		aunites ai	
George G. Meade	, Maryianu	, FUILF	luacht	ica, Ai				au, ivia	li ylanu.	
IITC sonvices DIS	A combat	ant cor	nmand	le tha	Depart	ment o	f Dofo			r fodoral
	A, Combat	ani cui	nnanu and ao	is, ille	Depart	doro		15e (Di	$(\mathbf{D}), \mathbf{O}$	Teueral
agencies, allies, co	baillion pai			nmerc						
11. OUISTANDIN	ig Pollu	IION /	and S	AFET	r DEFI		IES			
					(\$	000)				
A. Air Pollution					(J				
B. Water Pollution	n Orizioni				0					
C. Occupational	Safety and	i Health	ר		C)				

1. COMPONENT Defense Information Systems Agency	FY 2017 MILITARY CONSTRUCTION PROJECT DATA					TE ebruary 2016	REPORT CONTROL SYMBOL UNKNOWN
3. INSTALLATION AND LO Fort Huachuca, Arizona	OJECT TITLE Building 52110	Renovat	ion				
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PR		BER	8. PR	ROJECT COST ((\$000)
0303148K 9 COST ESTIMATES	Bidg 52110 - 61050		17DISA01			\$4	,493
	TEM		U/M	QUAN	ITITY	UNIT COST	COST
PRIMARY FACILITIES Renovate Existing Build (Communications/Elect Storage, RDT&E Analytic SUPPORTING FACILITIE Electric utilities, water, site improvements) Subtotal Contingency (5%) Subtotal Supervision, Inspection Total Request Equipment from Other A	ding 52110 ronics RDT&E, LAB Support ic Support) ES sewer, gas, site communicat , Overhead (SIOH) (5.7%) Appropriations	tions,	SF	12,220		287.64	3,515 534 4,049 202 4,251 242 4,493 (2,498)

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.

<u>CURRENT SITUATION</u>: 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.

<u>IMPACT IF NOT DONE</u>: 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.

				0 DATE						
1. COMPONENT Defense Information Systems Agency	FY 2017 MILITA PRO	ARY CON JECT DA	STRUCTION TA	2. DATE February 2016	REPORT CONTROL SYMBOL Unknown					
3. INSTALLATION AND LO	CATION	4	I. PROJECT TITLE							
Fort Huachuca, AZ		IITC Building 52110 Renova	ation							
5. PROGRAM ELEMENT	6. CATEGORY CC	DDE 7	7. PROJECT NUMBER	8. PROJECT CO	ST (\$000)					
0303148K Bldg 52110 - 61050 17DISA01 \$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.										
12. Supplemental Data:										
a. Estimated design	data:									
(a) Date Desig	gn Started			Janua	ary 2016					
(b) Parametrio	Cost Estimates used to dev	velop cost	ts	Apri	il 2016					
(c) Date 35% (d) Date Desi	Designed an Complete			Septen	nber 2016					
(e) Energy St	udy/Life-Cycle analysis was/	/will be pe	rformed	Y	Yes					
(f) Type of de	sign contract			Design	/Bid/Build					
(2) Basis (a) Standard (or Definitive Design									
(b) Where De	sign was most recently used	t								
(3) Total Cost (c) =	= (a) + (b) or (d) + (e):			\$4	l,493					
(a) Production (b) All other D) of Plans and Specifications	5								
(c) Total	esign cosis									
(d) Contract										
(e) In-house	Contract Award			Anri	il 2017					
(4) Construction C (5) Construction S	tart			May 2017						
(6) Construction C	ompletion			Dec	2017					
b. Equipment Data: ec appropriations.	quipment associated with this	is project p	provided from other							
EQUIPMENT NOMENCLATURE	PROCURING APPROPRIATION	FIS APR	SCAL YEAR OPRIATED							
			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)

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

1. Compone:	nt									2. Date		
DEFENS	E (DLA)	FY 2017 MILITARY CONSTRUCTION PROGRAM FEBRUARY 2016										
3. Instal	lation And I	location		4. Com	mand					5. Area	Const	truction
JOINT	BASE ELMEN	NDORF-			DEFE	NSE LOG	ISTICS A	AGENCY		Cost Ind	ex	
RICHARI	DSON (JBEH	R), ALA	SKA								2.	05
6. PERSONN	EL tenant	(1) PERMANE	NT	(2) STUDEN	rs	(3) SUPPORT	ED		(4) •••••
of U.S. Ai	r Force	OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV		(4)101AL
a. AS OF												
b. END FY												
7. INVENTO	RY DATA (\$00	0)										
A. TOTAL A	CREAGE											
B. INVENTO	RY TOTAL AS	OF 30 SE	P 2015									
C. AUTHORI	ZED NOT YET	IN INVEN	TORY									
D. AUTHORI	ZATION REQUE	ESTED IN	THIS PRO	GRAM								4,900
E. AUTHORI	ZATION INCLU	JDED IN F	OLLOWING	PROGRAM								
F. PLANNED	IN NEXT THE	REE PROGR	AM YEARS									0
G. REMAINI	NG DEFICIENC	CY										
H. GRAND T	OTAL											4,900
8. PROJECT	S REQUESTED	IN THIS	PROGRAM:									
			a. CA	TEGORY]	b. COST	c. I	DESIG	N STATUS
(1)Code		(2) PF	ROJECT TI	TLE		(:	3) SCOPE		(\$000)	(1)STAR	т	(2)COMPLETE
126	CONSTRU	JCT TRU	CK OFFI	JOAD FAG	CILITY		4 OL		4,900	01/15	5	09/16
a. INCLUDE	D IN FOLLOWI	ING PROGR	AM									
CATEGORY PROJECT COST								ST				
CODE	NUMBER										(\$0	00)
b DIANNET						NONE						
CATEGORY	PROJECT	OK ILAKS					_				CO	ST
CODE	NUMBER				PRO	JECT TITI	ъК				(\$0	00)
144	DESC191	.0		REPLAC	E FUEL (OPERATI	ONS FACI	LITY			7,2	200
10. MISSIO	N OR MAJOR F	UNCTION										
Joint Ba	se Elmendo	orf-Ric	hardsor	n (JBER) host 1	unit is	the 673	Brd Air	Base Wi	ng (ABW). J	JBER is
also hom	e to Alasl	kan Com	mand ar	nd the	11th Air	r Force	; U.S.	Army A	laska; A	laska D	epar	rtment of
Military	and Veter	rans Af	fairs;	Alaska	Nationa	al Guar	d; 3rd V	Ving; 1	76th Wir	g; 4th	Infa	antry
Brigade	Combat Tea	am (air	borne)	25th	Infantry	y Divis	ion; 2nd	d Engin	eering E	rigade;	477	7th
Fighter	Group; and	d more	than 60) other	missio	n partn	ers. Tł	ne 673 J	ABW is r	esponsi	ble	for
providin	g expedit:	ionary	combat	suppor	t and th	ne day-	to-day d	operati	ons of t	he inst	alla	ation.
Aircraft	assigned	to JBE	R: F-2	22 Rapt	or, C17	Globem	aster II	II, E-3	Sentry,	C-130	Herc	cules,
C12F Hur	on, UH60 1	Black H	awk and	1 JJ60 :	Pave Hav	wk.						
								л с			-	
Deferred	sustainme	ent, re	storati	lon, and	d moderi	nizatio	n for fi	iel fac	ilities	at this	Toc	cation is
ŞI.Z MII	11011.											
11. OUTSTA	NDING POLLTI	ON AND S	AFETY DE	FICIENCIE	S: (\$000)						
A. AIR P	OLLUTION										0	
B. WATER	POLLUTIO	N									0	
	אידראז פיז	ለ ኮ ኮ ጥ ኣ	יאסט רוא	ידים							0	
C. UCCUP.	ALLONAL SA	нгсії А	עאי חאי	JIU							U	

1 Component						2 Data	
DEFENSE (DLA)	FY 2017 MILITA	ARY CONS	TRUCTIO	N		FEB	RTIARY 2016
	PROJEC						
3. Installation and Locat	ion	4. Proje	ct Title				
JOINT BASE ELMENDO ALASKA	RF-RICHARDSON (JBER),		CONST	RUCT	TRUCH	K OFFLOAD F.	ACILITY
5. Program Element	6. Category Code	ject Cost (\$0	00)				
0701111S	126	DE	SC1707			4,9	900
9. COST ESTIMATES							
	Item		U/M	Quan	tity	Unit Cost	Cost (\$000)
PRIMARY FACILITIES . TRUCK OFF-LOAD (CC	126926)	•••••	- OL	- 4		- 825,000	3,300 (3,300)
SUPPORTING FACILITIE SITE IMPROVEMENTS	S		– LS	-	-	-	1,024 (1,024)
SUBTOTAL			-	-		-	4,324 216
	10.00						4 540
SUPERVISION, INSPECT	ION & OVERHEAD (SIOH) (6	.5%).	-	-		-	4,540 <u>295</u>
TOTAL			-	-	-	_	4,835
TOTAL (ROUNDED)	ΔΟΡΡΩΡΓΙΔΤΙΟΝS	•••••	-	-	-	_	4,900
Construct a four pos walled underground g and connections to t all necessary fuel p utility connections, of fuel-contaminated	ition truck off-load fac: ravity feed drop tank out he existing pumphouse and iping, fuel manifolds, co fencing with gates, and soil funded by other app	ility wi tfitted d fuel f ontrol s securit propriat	ith cand with th filter/s systems ty light tion.	opy.] nree y separa , seco ting.	Provi verti ator ondar Proj	de a 20,000 cal distrib facility. y containme ect include	O gallon double oution pumps Work includes ent, site work, es remediation
11. REQUIREMENT: 4 Outle	ts (OL) ADEQUATE: () OL		SUBSI	ANDARI	D: 0 OL	
PROJECT: Provide a JBER, Alaska. (C) REQUIREMENT: To prov means of jet fuel re four commercial tank ABW is responsible f of the installation (F-22 Raptor, C17 Gl and JJ60 Pave Hawk). CURRENT SITUATION: J primary receipt syst	truck offload facility to ide a new four position a supply. The four fueling er trucks. JBER's host or providing expeditiona: including the requirement obemaster III, E-3 Sentry BER's jet fuel is resupp em, the mission to suppl	o provid truck of g island unit is ry comba t to pro y, C-13(lied via y fuel t	de a sec fload f ds will the 673 at suppo povide fu) Hercul a pipel: to the a	facil: allow 3rd A: ort an uel to les, (ine. :	ry me ity a w sim ir Ba nd th c air C12F In th aft s	ans of fue t JBER as a sultaneous of se Wing (AH e day-to-da craft assig Huron, UH60 he event of stationed at	l resupply at an alternative offloading of BW). The 673 ay operations gned to JBER O Black Hawk a delay of the t 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.

	FY 2017 MILITA PROJE	FEBRUARY 2016								
on		4. Project Title								
F-RICHARI	DSON (JBER),	CONSTRUCT	TRUCK OF	FLOAD FACILITY						
6. Category	Code	7. Project Number	8. Project	Cost (\$000)						
	126	DESC1707		4,900						
DDIFIONAL. Construction of a new truck official 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. Unit costs for the facilities for this project vary from UFC 3-701-01 unit costs. This										
based on o	current A/E est:	imates for the sco	pe of wor	k.						
			-							
 Status (a) Date Design Started: (b) Parametric Cost Estimate Used to Develop Costs (Yes/No): (c) Percent Complete as of September 2015: (d) Date 35 Percent Complete: (e) Date Design Complete: (f) Type of Design Contract 										
efinitive as Most R	Design: ecently Used:			No N/A						
= (a)++ Plans an ign Costs	(b) or (d)+(e d Specification) (\$000) s		250 190 440 390 50						
				01/17						
:				02/17						
lete				08/18						
th this pro	ject that will be p	provided from other app	ropriations	:						
	APPROPRIATION	FISCAL YEAR REQUIRED		AMOUNT (\$000)						
AUTOMATED FUEL HANDLING DWCF 2017										
IATION	DWCF	2017		20						
	Point	of Contact is DLA	A Civil Er	ngineer at 703-767-2326 41						
	on EF-RICHARI 6. Category cion of a apply at 6 included : facility H requirement component acilities based on of tarted: st Estima ete as of nt Comple omplete: n Contrac efinitive as Most R = (a)++ Plans and ign Costs Lete th this pro- LING IATION	FY 2017 MILITA PROJECTION ON (JBER), ON (JBER), 6. Category Code 126 Con of a new truck office Included in the project of a cality has been considered Cacility has been considered Cacility has been considered Cacility has been considered Cacilities for this projectored Cacint Caci	FY 2017 MILITARY CONSTRUCTION PROJECT DATA ion 4. Project Title CONSTRUCT SF-RICHARDSON (JBER), 7. Project Number DESC1707 6. Category Code 7. Project Number DESC1707 126 DESC1707 Stion of a new truck offload facility is the piply at JBER. This project as appropriate. The facility has been considered for joint use requirements, operational considerations, or components. acilities for this project vary from UFC 3 based on current A/E estimates for the sco assed on current A/E estimates for the sco sased on current A/E estimates for the sco sased on current a/E estimates for the sco assed on current a/E estimates for the sco assed on current a/E estimates for the sco assed on current a/E estimates (Yes/No) et as of September 2015: nt Complete: no Contract efinitive Design: as Most Recently Used: = (a)+(b) or (d)+(e) (\$000) Plans and Specifications ign Costs = (a)+(b) or (d)+(e) (\$000) Plans and Specifications ign Costs FISCAL YEAR <u>REQUIRED</u> DLING DWCF 2017 DLING DWCF 2017 2017 IATION DWCF 2017 Point of Contact is DLA	FY 2017 MILITARY CONSTRUCTION PROJECT DATA 2 .on 4. Project Title F-RICHARDSON (JBER), CONSTRUCT TRUCK OF 6. Category Code 7. Project Number 8. Project 126 DESC1707 8. ion of a new truck offload facility is the viable apply at JBER. This project meets all applicable Doinnluded in the project as appropriate. The Defense 8. acility has been considered for joint use, as applicable of components. acilities for this project vary from UFC 3-701-01 uses as don current A/E estimates for the scope of worder components. tarted: st Estimate Used to Develop Costs (Yes/No): etatated: tarted: st Estimate Used to Develop Costs (Yes/No): etatated: as Most Recently Used: = (a)+(b) or (d)+(e) (\$000) Plans and Specifications ign Costs FISCAL YEAR Elete It this project that will be provided from other appropriations ign Costs Supportation FISCAL YEAR PROPERIATION FISCAL YEAR REQUIRED DLING DWCF 2017 APPROPRIATION REQUIRED Doint of Contact is DLA Civil End						

1. Componen	nt									2. Date		
DEFENSI	E (DLA)		FY 2017 MILITARY CONSTRUCTION PROGRAM FEBRUARY 2016									
3. Instal	lation And I	ocation		4. Com	mand					5. Area (Construction	
TRAVIS	AIR FORCE	E BASE,			DEFE	NSE LOG	ISTICS A	AGENCY		Cost Inde	x	
CALIFOR	RNIA							-			1.27	
6. PERSONNI	EL tenant	(1) PERMANE	INT		(2) STUDEN	TS	(3	3)SUPPORT	ED	(4) TOTAL	
a. AS OF	Force	OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV		
h END EV												
D. END FY												
7. INVENTO	RY DATA (\$00	0)								1		
A. IOTAL A	REAGE	00.00.00	D 001E									
B. INVENTOR	RY TOTAL AS	OF 30 SE	P 2015									
C. AUTHORI	ZED NOI YEI	IN INVEN	TURY	CDAM								
D. AUTHORIZATION REQUESTED IN THIS PROGRAM 20,500												
E. AUTHORIA	LATION INCLU	DED IN F	OLLOWING	PROGRAM								
F. PLANNED	F. PLANNED IN NEXT THREE PROGRAM YEARS ()											
G. REMAININ	NG DEFICIENC	Ϋ́										
H. GRAND TO	J.I.AL										26,500	
8. PROJECT:	S REQUESTED	IN THIS	PROGRAM:	TECOPY				h	COST		FOTCH STATIS	
(1)Code	a. CATEGORY b. COST 1)Code (2) PROTECT TITLE (3) SCODE (\$000)									(1)STAR	T (2)COMPLETE	
121	REPL	ACE HYD	DRANT F	UEL SYS	TEM		12 OL	2	6,500	03/15	11/16	
9. FUTURE	PROJECTS:											
CATEGORY	PROJECT	NG PROGR	AM								COST	
CODE	NUMBER				PRC	JECT TIT	LE				(\$000)	
						NONE						
b. PLANNED	DIN NEXT FO	UR YEARS								T	CO9T	
CODE	NUMBER				PRC	JECT TIT	ΓE				(\$000)	
						NONE						
10. MISSIO	N OR MAJOR F	UNCTION										
Travis A	ir Force B	Base (T	AFB) sı	upports	the Ai	r Mobil	ity Comm	mand's (AMC) St	rategic	Airlift	
mission.	This inst	tallati	on is d	one of .	AMC's l	argest	Aerial E	Ports of	Embark	ation.		
							с с			1. 1		
deferred	sustainme	ent, re	storati	lon, an	a moder	nizatio	n for fu	lei iaci	lities	at this	location is	
ŞU.U IIII.	11011.											
11. OUTSTAL	NDING POLLTI	ON AND S	AFETY DE	FICIENCI	ES: (\$000)						
A. AIR PO	OLLUTION										0	
ם המערים	ייס דידיד 1	NT.									0	
D. WAIER	FOLLOIIOI	.N										
C. OCCUP	ATIONAL SA	AFETY A	ND HEAI	LTH							0	

1 Component						2 Date		
	FY 2017 MILITA	RY CONS	TRUCTIO	N		2. Date		
DEFENSE (DLA)	PROJE	CT DATA				FEBR	2016 2018	
3. Installation and Locat	ion	4. Proje	ct Title					
			 חתת		א ממעזד י		אידידיע	
IRAVIS AIR FORCE B.	ASE, CALIFORNIA		KEF	LACE	HIDRA	NI FUEL SIS	21 EM	
5. Program Element	6. Category Code	7. Proje	ct Number		8. Proje	ect Cost (\$000))	
07029769	121	121 DECC1611						
	121	DE	DCIVII			20,5	00	
9. COST ESTIMATES				[
	Item		U/M	Quar	ntity	Unit Cost	Cost (\$000)	
REPLACE HYDRANT FUEL	SYSTEM		-		-	-	21,270	
HYDRANT OUTLETS (C	C 121122)		OL	1	L2	560,000	(6,720)	
HYDRANT PIPING (CC	125554)		$_{ m LF}$	13,	000	419	(5,450)	
FUEL STORAGE TANKS	AND CONTAINMENT (CC 124)	135).	BL	20	.000	235	(4.700)	
FILEL PUMPHOUSE (CC	125977)	, .	GM	2	400	1.833	(4, 400)	
	1200,7,7		011	- /	100	1,000	(1)100)	
SUPPORTING FACTLETTE	S		_		_	_	2.600	
DEMOLITION	5	••••	T.C		_	_	(1, 700)	
		••••	TC		_	_	(1,700)	
SITE PREPARATION &	IMPROVEMENTS	••••	сц		_	_	(900)	
SUBTOTAL.			_		_	_	23 870	
		••••					23,070	
CONSTRUCTION CONTING	ENCY (5%)	••••	-		-	-	1,194	
	C m							
ESTIMATED CONRACT CO			_		-	-	25,064	
SUPERVISION, INSPECT	ION & OVERHEAD (SIOH) (5	./~).	-		-	-	1,429	
TOTAL		••••	-		-	-	26,493	
							26 500	
FOLLDMENT FROM OTHER		••••					20,500	
EQUIPMENT FROM OTHER		••••			_		(50)	
Droutide and 152 lite	sed construction:		ninut o)	~	hours	and fuel f	1+00	
Frovide one 152 lite	fiel second (2,400 galle	n-per-i	(LINULE)			and fuel f.		
facility, 12 hydrant	Iuel outlets, two 1,590-	-KITOTI.	ter (KL))(10,	000-ba	rrel) above	eground	
operating tanks, and	fuel distribution system	n. Work	include	es al	l nece	ssary pumps	s, control	
systems, leak detect	ion, cathodic protection	, produ	ct recov	very	tank,	automatic 1	tank gauging,	
site work, emergency	generator, utility conne	ections	, and se	ecuri	ty lig.	hting. Demo	olish the	
existing pumphouse,	tanks, and clean and deco	ommissi	on or de	emoli	.sh exi	sting under	rground	
piping. Project incl	udes remediation of fuel	contam	inated s	soil	funded	by other		
appropriations.								
11. REQUIREMENT: 12 Out	clets (OL) ADEQUATE:	0 OL		SUB	STANDARD	: 8 OL		
DROJECT: Replace an	obsolete hydrant fuel s	zatom w	ith a mo	ndarr	nrage	urized fue	lavatom (C)	
rouldi. Replace an	obsolete nyulant luei s	ystem w.		Jueri	i press	urized rue.	i system. (C)	
REOUIREMENT: There i	s a need to replace the h	lvdrant	fuel sy	vstem	n with	a compliant	t modern and	
reliable hydrant fue	ling system for assigned	wide-b	- odv airc	rraft	to su	pport one d	of Air	
Mobility Command's (AMC) Strategic Airlift m	iggion	Thig h	ovdra	nt fue	l avatem re	enlaces a 43-	
MODIFICY Command S (AMC / Strategic Arritic m.	- +bot		longe	unc rue	i system it	epiaces a HJ-	
year-old delicient system that has components that are no longer in service. Faster								
refueling of aircraf	t by a nydrant fuel syste	em and i	increase	ea op	peratio	nal ruel si	torage is	
needed at an Aerial	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								
out of service. There have been numerous component outages which lead to extended downtimes								
hagardoug cargo area	a do not most required to	irnarou	ayeu re	-ruel		. Keruering	y at the	
mazaruous cargo area	s au nut meet required ti	rt ngt Onj	u ulies	∍.				

43

1. Component		EV 2017 MTT TTA	DV CONCEDUCETON		2. Date						
DEFENSE (DLA)		PROJE	CT DATA		FEBRUARY 2016						
3. Installation and Locat	ion		4. Project Title								
TRAVIS AIR FORCE B.	ASE, CALI	FORNIA	REPLACE	HYDRAN'	I FUEL SYSTEM						
5. Program Element	6. Categor	y Code	7. Project Number	8. Projec	t Cost (\$000)						
0702976S		121	DESC1611		26,500						
IMPACT IF NOT PROVID fuel leaks. Base op aircraft. Reliance equipment and worker operations from this	ED: Alumi erations on refuel s, and cr APOE.	num piping will will continue to er trucks will : reate logistical	continue to deter be hampered by de increase sortie tu bottlenecks during	iorate a elays in rnaround g deploy	nd increase the risk of refueling wide-bodied times, exhaust ments and contingency						
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. Unit costs for the facilities for this project vary from UFC 3-701-01 unit costs. This											
project's costs are	project's costs are based on current A/E estimates for the scope of work.										
12. Supplemental Data:											
A. Estimated Design Data:											
 Status (a) Date Design S (b) Parametric Co (c) Percent Compl (d) Date 35 Perce (e) Date Design C (f) Type of Design 	1. Status (a) Date Design Started: (b) Parametric Cost Estimate Used to Develop Costs (Yes/No): (c) Percent Complete as of September 2015: (d) Date 35 Percent Complete: (e) Date Design Complete: (f) Type of Design Contract03/14 04/14 										
2. Basis (a) Standard or D (b) Date Design w	Definitiv Mas Most 1	e Design: Recently Used:			Yes 07/15						
<pre>3. Total Cost (c) (a) Production of (b) All Other Des (c) Total (d) Contract (e) In-House</pre>	= (a)+ E Plans an sign Cost;	-(b) or (d)+(e nd Specification s) (\$000) s		2,100 1,200 2,300 1,700 600						
4. Contract Award					04/17						
5. Construction Star	t				05/17						
6. Construction Comp	lete				07/19						
B. Equipment associated w	3. Equipment associated with this project that will be provided from other appropriations:										
PURPOSE		APPROPRIATION	FISCAL YEAR <u>REQUIRED</u>		AMOUNT (\$000)						
ENVIRONMENTAL REMEI	DIATION	DWCF	2017		50						
		Point	of Contact is DLA	Civil H	Engineer at 703-767-2326						
					44						

1. Compone:	nt		EV O	017 WTT				OCDAN		2. Date			
DEFENS	E (DLA)		FY 2017 MILITARY CONSTRUCTION PROGRAM FEBRUARY 2016										
3. Instal	lation And Lo	ocation		4. Com	mand					5. Area	Cons	struction	
PATRICI FLORIDA	K AIR FORC A	E BASE	1		DEFE	NSE LOG	ISTICS A	AGENCY		Cost Ind	1 ex 0	.93	
6. PERSONN	EL tenant	(1) PERMANE	NT	(2)STUDEN	TS	(3) SUPPORT	ED	1	(4) TOTAL	
of U.S. Ai	r Force	OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV		(4)TOTAL	
a. AS OF													
b. END FY													
7. INVENTO	RY DATA (\$000	0)											
A. TOTAL A	CREAGE												
B. INVENTO	RY TOTAL AS (OF 30 SE	P 2015										
C. AUTHORI	ZED NOT YET :	IN INVEN	TORY										
D. AUTHORI	ZATION REQUES	STED IN '	THIS PROC	GRAM								10,100	
E. AUTHORI	ZATION INCLU	DED IN F	OLLOWING	PROGRAM									
F. PLANNED	IN NEXT THRI	EE PROGR.	AM YEARS									0	
G. REMAINI	NG DEFICIENC	Y											
H. GRAND T	OTAL											10,100	
8. PROJECT	S REQUESTED I	IN THIS	PROGRAM:							1			
(1) 7 1	r	a. CATEGORY b. COST										GN STATUS	
(1)Code			$\begin{array}{c c c c c c c c c c c c c c c c c c c $								кт -	(2)COMPLETE	
120		KEPLAC.	E FUEL	IANKS		20	,000 61		.0,100	04/13		08/10	
9. FUTURE	PROJECTS:												
a. INCLUDE	D IN FOLLOWI	NG PROGR	AM							1			
CATEGORY CODE	PROJECT NUMBER		PROJECT TITLE								C (\$	OST 000)	
						NONE					17		
b. PLANNEI	IN NEXT FOU	JR YEARS											
CATEGORY	PROJECT				PRO	JECT TITI	E				C (c	OST	
CODE	NOMBER					NONE					ڊ) (000)	
10. MISSIO	N OR MAJOR FU	UNCTION											
Patrick . space. P support well as . tenant c	Air Force atrick AFB services t host to th ommands.	Base i 3 is th 3 the 1 1 sthe	s home e Depar DoD and ¹ Rescue	to the tment o the Na Wing	45 th Sp of Defer ational mission	ace Win nse's E Aerona , the U	ng and is ast Coas utics an J.S. Stat	s the w st space nd Space te Depa	orld's p eport. T e Admini rtment A	premier They pro Stratio Air Wing	gat vid n (g ar	eway to e launch NASA) as nd other	
Deferred \$4.8 mil	ed sustainment, restoration, and modernization for fuel facilities at this location is illion.												
11. OUTSTA	NDING POLLTI	ON AND S	AFETY DEE	FICIENCIE	S: (\$000))							
A. AIR P	A. AIR POLLUTION 0												
B. WATER	POLLUTION	1									0		
C. OCCUP.	ATIONAL SA	FETY A	ND HEAL	TH							0		
												45	

1. Component	FY 2017 MTI.TTA	RY CONS	твистто	N		2. Date			
DEFENSE (DLA)	PROJE	PROJECT DATA							
3. Installation and Locat	ion	4. Projec	ct Title						
PATRICK AIR FORCE	BASE, FLORIDA			RE	PLACE	FUEL TANKS			
5. Program Element	6. Category Code	7. Projec	t Number		8. Proj	iect Cost (\$000))		
0702976S	126	DES	SC1513			10,1	00		
9. COST ESTIMATES	L	J.							
	Item		U/M	Qua	ntity	Unit Cost	Cost (\$000)		
PRIMARY FACILITIES .			-		-	_	7,078		
PUMPHOUSE AND CONT	ROL ROOM (CC 125977)		GM	6	00	5,833	(3,500)		
FUEL STORAGE (CC 4	411135)		BL	20	,000	118	(2,360)		
TRUCK OFFLOAD (CC	126926)		OL		3	366,667	(1,100)		
SDD & EPACT 05 (2%)	•••••	LS		-	-	(118)		
SUPPORTING FACILITIE	5		_		_	_	1.873		
DEMOLITION			LS		-	_	(670)		
SITE PREPARATION A	ND IMPROVEMENTS		LS		-	_	(523)		
SITE UTILITIES		••••	LS		-	-	(680)		
SUBTOTAL			-		-	_	9,060		
CONTINGENCY (5%)			-		-	_	453		
TOTAL CONTRACT COST			_		-	_	9,513		
SUPERVISION, INSPECT	ION & OVERHEAD (SIOH) (5	.7%)	-		_	_	542		
TOTAL			-		-	-	10,055		
TOTAL (ROUNDED)			-		_	_	10,100		
EQUIPMENT FROM OTHER	APPROPRIATIONS		-		-	-	(3,900)		
10. Description of Propo Provide two 1,590-ki shelter with two 38 liter-per-second (60 piping, product reco connections, fencing construction. Demoli remediation of fuel-	bed Construction: loliter (kL) (10,000-bar: liter-per-second (600 gas 0 gallon-per-minute) filt overy tank, control system with gates, and security sh two 100,000-gallon con contaminated soil funded	rel) abo llon-per ter sepa ms, secc y lighti ncrete c by othe	vegrour -minute rators. ndary c ng. Pr out and er appro	nd fu e) is . Wo conta rovio cove opria	ael sto ssue/tr ork ind ainment de temp er tanb ation.	prage tanks ransfer pump cludes all n t, site work porary tanks cs. Project	, a pump ps and two 38 necessary fuel c, utility s during t includes		

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.

SUBSTANDARD: 16,667 BL

ADEQUATE: 0 BL

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. 46

11. REQUIREMENT: 20,000 Barrel (BL)

1. Component DEFENSE (DLA)		FY 2017 MILITA PROJE	2. Date FEBRUARY 2016							
3. Installation and Locat:	Lon		4. Project Title							
PATRICK AIR FORCE H	BASE, FLC	RIDA	RE	PLACE FU	EL TANKS					
5. Program Element	6. Categor	y Code	7. Project Number	8. Project	Cost (\$000)					
0702976S		126	DESC1513		10,100					
MPACT IF NOT PROVIDED: If this project is not provided, further deterioration of the aging uel storage tanks will increase the potential for system failures. These tanks will ontinue to deteriorate to the point that they cannot be used. Voluntary or regulator- inforced closure of these tanks will jeopardize fuel storage capability at this site. This as the potential to affect mission support at this location. DDITIONAL: 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.										
project's costs are l	cased on	current A/E est:	imates for the sco	pe of wor	rk.					
2. Supplemental Data:										
A. Estimated Design Data:										
 Status (a) Date Design St (b) Parametric Cos (c) Percent Comple (d) Date 35 Percent (e) Date Design Co (f) Type of Design 	L. Status (a) Date Design Started: (b) Parametric Cost Estimate Used to Develop Costs (Yes/No): (c) Percent Complete as of September 2015: (d) Date 35 Percent Complete: (e) Date Design Complete: (f) Type of Design Contract (a) Date Design Contract (b) Parametric Cost Estimate Used to Develop Costs (Yes/No): No (Yes/No): (Yes/No)									
2. Basis (a) Standard or De (b) Date Design wa	finitive s Most R	Design: ecently Used:			No N/A					
<pre>3. Total Cost (c) (a) Production of (b) All Other Desi (c) Total (d) Contract (e) In-House</pre>	= (a)+ Plans an gn Costs	-(b) or (d)+(e d Specifications) (\$000) ;		1,000 200 1,200 1,100 100					
4. Contract Award					02/17					
5. Construction Star	۲.				04/17					
6. Construction Comp	lete				04/19					
B. Equipment associated w	ith this pr	oject that will be p	provided from other app	ropriation	s:					
PURPOSE		APPROPRIATION	FISCAL YEAR REQUIRED		AMOUNT (\$000)					
Automatic Tank Gar	uging	DWCF	2017		200					
Environmental Remed	iation	O&M, AF	2017		3,700					
		Point	c of Contact is DLA	A Civil E	ngineer at 703-767-2326					
					47					

 Component DEFENSI Install JOINT H CAROLIN 	nt E (DLA) lation And I BASE CHARI NA	Location LESTON,	FY 2017 MILITARY CONSTRUCTION PROGRAM 2. Date cation 4. Command FEBRUARY 2016 ESTON, SOUTH DEFENSE LOGISTICS AGENCY 5. Area Construction 0.96									
6. PERSONN	EL tenant	(1) PERMANE	NT	((2) STUDENT	s	(3) SUPPORT	ED	(4) 0000	
of U.S. Air	r Force	OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV	(4)TOTAL	
a. AS OF 3	30 SEP 11	-	-	-	-	-	-	-	-	-	-	
b. END FY	2015	-	-	-	-	-	-	-	-	-	-	
7. INVENTO	RY DATA (\$00	00)										
A. TOTAL AG	CREAGE											
B. INVENTOR	RY TOTAL AS	OF 30 SE	P 2015									
C. AUTHORI	ZED NOT YET	IN INVEN	TORY									
D. AUTHORI	ZATION REQUE	STED IN	THIS PRO	GRAM							17.000	
F AUTHORT	F AUTHORIZATION INCLIDED IN FOLLOWING DEOGRAM											
E. AUTHORIA												
F. PLANNED	IN NEXT THE	REE PROGR	AM YEARS								0	
G. REMAININ	NG DEFICIENC	CY										
H. GRAND TO	JTAL										17,000	
8. PROJECTS REQUESTED IN THIS PROGRAM:												
a. CATEGORY b. COST c. DESIGN STATUS												
(1)Code	code (2) PROJECT TITLE (3) SCOPE (\$000)									(1)STAR	T (2)COMPLETE	
121	CONSTRUCT HYDRANT FUEL SYSTEM 2 OL 17,000								7,000	10/14	£ 11/16	
9. FUTURE PROJECTS:												
a. INCLUDE	a. INCLUDED IN FOLLOWING PROGRAM											
CATEGORY	PROJECT				PRO	JECT TITL	E				COST	
CODE	NUMBER					NONE					(\$000)	
						NOINE						
b. PLANNED	IN NEXT FO	UR YEARS										
CATEGORY	PROJECT				PRO	JECT TITL	Е				COST	
CODE	NUMBER						_				(\$000)	
						NONE						
10. MISSIO	N OR MAJOR F	UNCTION								1		
These fue mission of mission of Deferred	el facilit of the Jo: is to prov	ties pr int Bas vide gl ent, re	ovide e e Charl obally storati	essentia eston, expedit .on, and	al stor Charle tionary d moder	age and ston, So ready : nization	distrib outh Car forces t n for fu	oution a colina. co comba nel fac:	systems The Ch atant cc ilities	to supp marlesto mmander at this	ort the n Team's s. location is	
\$0.2 mil.	lion.											
11. OUTSTAL	NDING POLLTI	ION AND S	AFETY DEI	FICIENCIE	s: (\$000)						
A. AIR PO	OLLUTION										0	
B. WATER	POLLUTIO	N									0	
C OCCUD		ለ ው ው ጥ የ እ	אדם בוא	ΨU							0	
C. OCCUPA	UTIONAL DI	A LET A									<u> </u>	

1. Component	TH 0017 MTT TO			27	2. Date					
DEFENSE (DLA)	PROJEC	PROJECT DATA FEBRUARY 2016								
3. Installation and Locat	ion	4. Projec	ct Title							
JOINT BASE CHARLES	TON, SOUTH CAROLINA		CONS	STRUCT HY	YDRANT FUEL	SYSTEM				
5. Program Element	6. Category Code	7. Projec	ct Number	: 8. P	roject Cost (\$	000)				
0701111S	121	DE	SC1706		17	,000				
9. COST ESTIMATES	1									
	Item		U/M	Quantity	Unit Cost	Cost (\$000)				
PRIMARY FACILITIES .			-	-	-	9,300				
HYDRANT SYSTEM PIP	ING (CC 125554)		LF	8,000	963	(7,700)				
HYDRANT OUTLETS (C	C 121122)		OL	2	800,000	(1,600)				
						E 0/9				
SUPPORTING FACILITIE		• • • • • •	- T 0	-	-	5,940 (050)				
		• • • • • •	LS	_	-	(858)				
PAVEMENTS		• • • • • •	LS	-	-	(1,100)				
SITE IMPROVEMENTS		••••	LS	-	_	(3,990)				
SUBTOTAL			_	_	-	15,248				
CONTINGENCY (5%)			_	-	-	762				
ESTIMATED CONTRACT C	OST		_	_	_	16,010				
SUPERVISION, INSPECT	ION & OVERHEAD (SIOH) (5.	.7%) .	_	_	_	913				
		-								
TOTAL		•••••	-	-	-	16,923				
TOTAL (ROUNDED)			_	-	-	17,000				
EQUIPMENT FROM OTHER	APPROPRIATIONS		_	-	-	(153)				
10. Description of Propo Construct a two-outl including 14-inch co and leak detection/c systems, cathodic pr connections, and sel	est Advant fueling system ated carbon steel fuel list athodic protection system rotection, site work, anti- ective demolition of airf	n extens ines, is ns. Work iterrori field pa	sion fro solation incluc sm / fo avements	om an ex n valve p des all : orce pro s.	isting hydra pits, high/i necessary pi tection meas	ant loop low point drains iping, control sures, utility				
11. REQUIREMENT: 2 Outle	ADEQUATE: 0	OL		SUBSTAND	ARD: 0 OL					
PROJECT: Construct a	modern pressurized hydra	ant fuel	. system	m (C)						
REQUIREMENT: There i requirements. Faster hazardous cargo forw CURRENT SITUATION: A refueler trucks. Thi body aircraft requir storage to the hazar	s a need to construct a m refueling of aircraft by ard to support operations ircraft parked on the has s method of refueling is re multiple trucks to meet dous cargo apron is exces	modern h y a hydr s and mi zardous too slo too slo ssive. A	aydrant cant fuc .ssion c cargo a ow to su demands As a res	fuel sy el system requirem apron ar upport m . Round sult, fu	stem to supp m is needed ents. e currently ission requa trip distance eling times	port mission to quickly move refueled via irements. Wide ce from fuel on the				
hazardous cargo apro	n are over twice as long	per air	craft v	versus b	y hydrant fu	uel operations.				
IMPACT IF NOT PROVID successful mission a delays due to limite continued refueling operating and mainta	ED: If this project is no ccomplishments. Aircraft d numbers of refueling pe of wide bodied aircraft k ining overburdened equipt	ot provi servici ersonnel oy truck ment dur	ded, t: .ng ope: . and t: s will :ing hid	ime to ro rations rucks du jeopard gh-demano	efuel aircra will continu ring peak pa ize the safa d periods.	aft may delay ue to experience eriods. The ety of personnel				

1 Component				2 Data
DEFENSE (DLA)	FY 2017 MILITA PROJE	RY CONSTRUCTION CT DATA		FEBRUARY 2016
3. Installation and Locat:	ion	4. Project Title		1
JOINT BASE CHARLEST	ION, SOUTH CAROLINA	CONSTRU	ICT HYDRA	NT FUEL SYSTEM
5. Program Element	6. Category Code	7. Project Number	8. Projec	st Cost (\$000)
0701111S	121	DESC1706		17,000
ADDITIONAL: This pro- certifies that this r requirements, operat: components.	ject meets all applicable facility has been conside ional considerations, and	≥ DoD criteria. Th ered for joint-use d location are inc	ne Defens e potenti compatibl	e Logistics Agency al. Mission e with use by other
12. Supplemental Data:				
A. Estimated Design Data:				
 Status (a) Date Design S (b) Parametric Co (c) Percent Compl (d) Date 35 Perce (e) Date Design C (f) Type of Desig 	tarted: st Estimate Used to Deve ete as of September 2015 int Complete: complete: n Contract	lop Costs (Yes/No :):	10/14 No 35% 06/15 11/16 D/B/B
2. Basis (a) Standard or D (b) Date Design w	Yes 07/13			
<pre>3. Total Cost (c) (a) Production of (b) All Other Des (c) Total (d) Contract (e) In-House</pre>	1,000 1,000 2,000 1,500 500			
4. Contract Award				04/17
5. Construction Star	 t			05/17
6. Construction Comp	lete			11/19
B. Equipment associated with <u>PURPOSE</u>	<u>APPROPRIATION</u>	FISCAL YEAR REQUIRED	propriation	AMOUNT (\$000)
LEAK DETECTIO	N DWCF	2017		153
	Point	. of Contact is DL	A Civil	Engineer at 703-767-2326

1. Compone	nt		FY 2	017 MTT	TTARY (ONSTRUC	TTON PR	OGRAM		2. Date	
DEFENS	E (DLA)			01/ M11				oonani		FEB	RUARY 2016
3. Instal	lation And L	ocation		4. Com	mand					5. Area	Construction
DLA DI	STRIBUTION	I RED R	IVER		DEFE	NSE LOG	ISTICS A	AGENCY		Cost Ind	ex 0 77
ARMY D.	EPOI, IEAA EI tonant	45 (1) DEDMANE	NT	(יאישרונזיייס (2	a			ריק	0.,,
of U.S. Ar	mv	L) OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL		(4)TOTAL
a. AS OF											
b. END FY											
7. INVENTO	RY DATA (\$00	0)	I								
A. IOTAL AB. INVENTO	RY TOTAL AS	OF 30 SE	P 2015								
C. AUTHORI	ZED NOT YET	IN INVEN	TORY								
D. AUTHORI	ZATION REQUE	STED IN	THIS PRO	GRAM							44,700
E. AUTHORI	ZATION INCLU	DED IN F	OLLOWING	PROGRAM							
F. PLANNED	IN NEXT THR	EE PROGR	AM YEARS								107,000
G. REMAINI	NG DEFICIENC	Y									
H. GRAND T	H. GRAND TOTAL 151,700										
8. PROJECT	S REQUESTED	IN THIS	PROGRAM:						1. GOGT		
(1) Code		(2) 10		TEGORY		()			C. 1	JESIGN STATUS	
(1)Code	CONCT		DEUOUCI		חדידת	240	(3) SCOPE (\$000)			(1)STAR	(2)COMPLETE
441	CONST	RUCI WA	TORAGE	L AND U	PEN	240,000 SF 44,700				02/13	, 07/10
9. FUTURE	D IN FOLLOWI	NG PROGR	ΔМ								
CATEGORY	PROJECT				PRO	JECT TITL	E				COST
CODE	NUMBER					NONE					(\$000)
	TH NEVE EO	ID VEADC									
CATEGORY	PROJECT	OR IEARS									COST
CODE	NUMBER				PRO	JECT TITL	E				(\$000)
441			C	ONSTRUC	T GENER	AL PURP	OSE WAR	EHOUSE			52,000
441				CONTR	OLLED H	IUMIDITY	WAREHO	USE			59,000
10. MISSION OR MAJOR FUNCTION Defense Distribution Depot Red River Texas (DDRT) occupies 800 acres with a primary mission to receive, store, physically inventory, package, pack and perform shipment of assigned items. DDRT is located adjacent to the Red River Army Depot (RRAD). RRAD has the only Department of Defense capability for the remanufacture of road wheel and tracked vehicle systems to include Tactical Wheeled Vehicles, the Bradley Fighting Vehicle and Multiple Launch Rocket System. RRAD supports deployments to Southwest Asia to maintain vehicle and system support.											
11. OUTSTA	NDING POLLTI	ON AND S	AFETY DE	FICIENCIE	S: (\$000)					
A. AIR P	OLLUTION										0
B. WATER	POLLUTION	1									0
C. OCCUP	ATIONAL SA	AFETY A	ND HEAI	JTH							0
ł											I

1. Component DEFENSE (DLA)	FY 2017 MILITA PROJE	2. Date FEB	RUARY 2016					
3. Installation and Locat	ion	4. Proje	ct Title					
DLA DISTRIBUTION R TEXAS	ED RIVER ARMY DEPOT,		CONSTRU	CT WAREHO	USE AND OPEN	N STORAGE		
5. Program Element	6. Category Code	7. Proje	ct Number	8. Pro	oject Cost (\$00	0)		
0701111S	441	DI	CX1701		44,5	44,700		
9. COST ESTIMATES								
	Item		U/M	Quantity	Unit Cost	Cost (\$000)		
PRIMARY FACILITIES .			-	_	-	33,454		
GENERAL PURPOSE WA	REHOUSE (CC 44110)		SF	240,000	98	(23,571)		
OPEN STORAGE (CC 4	5110)		SY	316,467	30	(9,423)		
SDD & EPACT 05 (2%)		LS	-	-	(460)		
SUPPORTING FACTLITTE	S		_	_	_	6.788		
SITE UTILITIES			LS	_	_	(1,875)		
SITE PREPARATION,	PAVING & IMPROVEMENTS		LS	_	_	(4,613)		
STORM DRAINAGE			LS	-	-	(300)		
SUBTOTAL	••••••••••••••••••••••••		-	-	-	40,242		
CONTINGENCI (5%)		• • • • • •				2,012		
ESTIMATED CONTRACT C	OST	• • • • • •	-	-	-	42,254		
SUPERVISION, INSPECT	ION & OVERHEAD (SIOH) (5	.7%) .	-	-	-	2,408		
TOTAL			_	-	-	44,662		
TOTAL (ROUNDED) EQUIPMENT FROM OTHER	APPROPRIATIONS		-			44,700 (5,576)		
10. Description of Propo Construct a general weather-sealed truck area, locker rooms, include curbing, are improvements. Suppor site information sys walks, and related s protection standards	sed Construction: purpose warehouse (GPW) of doors, and loading/unloa employee lunch/break room a lights, fencing and end ting facilities include a tems, site lighting, pave ite improvements. Adminis	with 26 ading d m and u trance all uti ing (ac strativ	-foot (7 ocks wit tility a gates, s lities, cess roa e areas	7.62-meter th dock le annex. Con storm dras fire prot adways, ha will comp	r) stacking evelers, adm nstruct open inage, and r tection, sto ardstand apr oly with ADA	height, ninistrative storage areas related site orm drainage, rons, parking), and AT force		
11. REQUIREMENT: 3,670,3	53 Square Feet (SF) ADEQUA	ATE: 898,	908 SF	SUBST	ANDARD: 985,35	7 SF		
PROJECT: Construct a	general purpose warehous	se and	open sto	orage. ((2)			
REQUIREMENT: There i tactical vehicles, p combat, combat suppo	s a need to provide a wa arts, components, and sys rt, and combat service s	rehouse stems s upport	and ope upportin wheeled	en space : ng the rep and tracl	for the stor pair and ref ked vehicles	rage of Turbishment of		
CURRENT SITUATION: D and open storage spa Depot's rebuild oper with another 30,000 capacity of availabl parts are continuous storage conditions.	LA Distribution Red Rive: ce to store vehicles and ation which currently has scheduled for rebuild. The warehousing. Overflow to ly being disposed of as to In addition, the location	r, Texa vehicl s a 30, he dema materie unservi n of th	s (DDRT) e parts. 000 vehi nd for p l is cur ceable k e materi) requires DDRT sup icle back protected rrently sup pecause of iel may a	s additional oports the R log awaiting storage exc tored outdoo f the forced lso prevent	warehousing ed River Army refurbishment eeds the ors. Useable loutside fire-fighting		

create unsafe working conditions and operational inefficiencies.

equipment access to the exterior and roof of buildings. Wet and muddy open storage conditions

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1. Component DEFENSE (DLA)		FY 2017 MILITA PROJEC	RY CONSTRUCTION CT DATA		2. Date FEBRUARY 2016			
3. Installation and Locat	ion		4. Project Title					
DLA DISTRIBUTION RE TEXAS	ED RIVER	ARMY DEPOT,	CONSTRUCT W	AREHOUSE	AND OPEN STORAGE			
5. Program Element	6. Categor	y Code	7. Project Number	8. Project	t Cost (\$000)			
0701111S		441	DDCX1701		44,700			
IMPACT IF NOT PROVID inefficiently in inac timely demands of the rebuild, retrofit, an warfighter.	ED: If th dequate f e Army ur nd mainta	his project is no facilities to mee hits and other cu hin tactical vehi	ot provided, DDRT v et its mission requistomers with parts icle fleet will adv	will cont uirements s and ass versely :	tinue to operate s. Failure to meet the semblies needed to impact support to the			
ADDITIONAL: Alternat. project development. Agency certifies that requirements, operat. components.	ive metho This pro t this fa ional cor	ods of meeting th oject meets all a acility has been asiderations, and	nis requirement hav applicable DoD crit considered for jo d location are inco	ve been e ceria. Th int-use p ompatible	explored during the ne Defense Logistics potential. Mission e with use by other			
12. Supplemental Data:								
A. Estimated Design Data:								
1. Status (a) Date Design Started: (b) Parametric Cost Estimate Used to Develop Costs (Yes/No): (c) Percent Complete as of September 2015: (d) Date 35 Percent Complete: (e) Date Design Complete: (f) Type of Design Contract 2015								
2. Basis (a) Standard or D (b) Date Design w	efinitive as Most 1	e Design: Recently Used:			Yes FY14			
<pre>3. Total Cost (c) (a) Production of (b) All Other Des (c) Total (d) Contract (e) In-House</pre>	= (a)+ Plans an ign Cost:	-(b) or (d)+(e) nd Specification s) (\$000) S		1,950 2,190 4,140 3,610 530			
4. Contract Award					01/17			
5. Construction Star	t				03/17			
6. Construction Comp	lete				06/19			
B. Equipment associated w	ith this pr	oiect that will be r	provided from other app	ropriation	s:			
PURPOSE		APPROPRIATION	FISCAL YEAR <u>REQUIRED</u>		AMOUNT (\$000)			
SECURITY MEASURES/IN DETECTION SYSTE	ITRUSION MS	DWCF	2018		200			
RACK SYSTEM & MAT HANDLING EQUIPM	ERIAL ENT	DWCF	2018		5,267			
WORKSTATIONS, FURNIT	URE & IT	DWCF	2018		109			
Point of Contact is DLA Civil Engineer at 703-767-2326								

 Component DEFENSI Instal 	nt E (DLA) lation And I	ocatio	FY 2017 MILITARY CONSTRUCTION PROGRAM 2. Date FEBRUARY 2016 5. Area Construction										
U.S. NA DIEGO (OCEAN 7	AVAL SUPPO GARCIA, BE FERRITORY	ORT FA RITISH (BIOT	ACILITY H INDIAN F)		DEFE	NSE LOG	ISTICS A	AGENCY			Cost Ind	ex 2	.67
6. PERSONN	EL tenant		(1) PERMANE	NT	(2) STUDEN	rs		(3) SUE	PORTE	D		(1) TOTAT
of U.S. Nav	vy	OFF	ENL	CIV	OFF	ENL	CIV	OFF	E	NL	CIV		(4)101AL
a. AS OF													
b. END FY													
A TOTAL A	RY DATA (\$00 Treace	10)											
B. INVENTOR	RY TOTAL AS	OF 30	SEP 2015										
C. AUTHORI	ZED NOT YET	IN INV	ENTORY										
D. AUTHORI	ZATION REQUE	STED I	N THIS PROC	GRAM									30,000
E. AUTHORI	ZATION INCLU	JDED IN	FOLLOWING	PROGRAM									,
F. PLANNED	IN NEXT THE	REE PRO	GRAM YEARS										0
G REMAININ	NG DEETCIENC	'v											0
									20.000				
										30,000			
o. PRODECT	5 REQUESTED	ADQUEDIN INI THE PROGRAM:											
(1)Code		(2) PROJECT TITLE (3) SCOPE (\$000)									(1)STAR	т	(2)COMPLETE
125	IMPROVE	WHARF	IARF REFUELING CAPABILITY5,550 LF30,000								01/15		09/16
-													
9. FUTURE 1	PROJECTS:	NG PRO	CRAM										
CATEGORY	PROJECT		-orum		DDO	TROT	P					C	OST
CODE	NUMBER				PRO	JECI IIII	1 E .					(\$	000)
						NONE							
b. PLANNED	IN NEXT FO	UR YEAD	RS										
CATEGORY	PROJECT				PRO	JECT TITI	Æ					C	OST
CODE	NUMBER					NONE						(\$	000)
10 174470						-							
Naval Su	pport Fac:	ility	Diego Ga	rcia's	missio	n is to	provide	e logi:	stic	supp	ort to	ope	rational
Doligy	orward de	proyec	a to the	Indian	Ocean	and Per	sian Gui	Li area	as in	sup	port of	па	LIONAL
POILCy.													
Deferred	sustainme	ent. 1	restorati	on, and	d moder	nizatio	n for fu	uel fac	cilit.	ies	at this	10	cation is
\$27.2 mi	llion.	,		,									
11. OUTSTAN	NDING POLLTT	ON AND	SAFETY DEF	ICIENCT	S: (\$000)							
A. AIR PO	OLLUTION											0	
B. WATER	POLLUTION	N										0	
C. OCCUP	ATIONAL SA	AFETY	AND HEAL	'TH								0	

	1					
1. Component DEFENSE (DLA)	FY 2017 MILITA PROJEC	RY CONS CT DATA	TRUCTIC	N	2. Date FEB	RUARY 2016
3. Installation and Locat	ion	4. Proje	ct Title			
U.S. NAVAL SUPPORT DIEGO GARCIA, BRIT	FACILITY ISH INDIAN OCEAN		IMPROV	E WHARF F	REFUELING CA	PABILITY
5. Program Element	6. Category Code	7. Proje	ct Number	r 8. Pr	oject Cost (\$00	00)
0701111S	125	DE	SC1705		30,	000
9. COST ESTIMATES						
	Item		U/M	Quantity	Unit Cost	Cost (\$000)
PRIMARY FACILITIES . FUEL PIPELINE (CC PUMPHOUSE EXPANSIO	 12510) N (CC 12516)	· · · · · · · ·	– LF GM	- 5,550 1,200	- 2,288 4,333	18,007 (12,700) (5,200)
SDD & EPACT 05 (2% OPERATION & MAINTE	NANCE SUPPORT INFORMATION	N	LS LS	-	-	(57) (50)
SUPPORTING FACILITIE SITE WORK, PAVEMEN	S TS AND UTILITIES		– LS		-	7,800 (7,800)
SUBTOTAL			_	_	_	25,807
CONTINGENCY (5%)			_	_	_	1,290
ESTIMATED CONTRACT C	OST		_	_	_	27,097
SUPERVISION, INSPECT	ION & OVERHEAD (SIOH) (6.	.2%) .	-	-	-	1,680
SUBTOTAL PCAS (2%)			-		-	28,777 <u>576</u>
TOTAL			-	_	-	29,353
TOTAL (ROUNDED) EQUIPMENT FROM OTHER	APPROPRIATIONS		-	-	-	30,000 (50)
10. Description of Propo Construct new pipeli two new fuel pits on related piping, and new pumps, filters, Associated work incl electrical requireme	nes from the main pump ho the DDW. Each pit will spill containment. Expar motors and controls for n udes filters, cathodic pr	ouse to include nd the e receivir rotectio	the De two hy existing and on, fir	ep Draft ydrants, g main pu issuing f e protect	Wharf (DDW). stripping pu mphouse and uel to the I ion, lightir	Construct mps with provide two DDW. ng and
11. REQUIREMENT: 5,550 L	inear Feet (LF) ADEQUATE: 0	LF		SUBSTANDA	RD: 0 LF	
PROJECT: Provide fue (NSF) Diego Garcia (ling capability at the De DG). (C)	eep Draf	t Whar	f (DDW) a	t Naval Sup <u>r</u>	port Facility
REQUIREMENT: NSF DG' secondary means of f limited fueling capa forces forward deplo policy objectives. were disrupted.	s fuel pier is the fuel r uel receipt and issue is bility. NSF DG mission i yed to the Indian Ocean a The mission readiness wou	receipt require is to pr and Pers uld be i	and is ed at t covide sian Gu impacted	sue for f he DDW wh logistica lf areas d should	uel on the i ich current] l support to in support o fuel receipt	island. A ly has very o operational of national c and issue
CURRENT SITUATION: docks; the fuel pier receive fuel at both	NSF DG currently receives and the DDW. The exist the fuel pier and the DI	s and is ing pump DW. Add	ssues f b house litiona	uel produ can't si lly the f	cts from two multaneously uel pier car	existing fuel issue and only service

DD Form 1391, July 1999

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 MILITA PROJE	2. Date FEBRUARY 2016							
3. Installation and Locat	ion		4. Project Title							
U.S. NAVAL SUPPORT DIEGO GARCIA, BRITI	FACILITY ISH INDIA	AN OCEAN	IMPROVE W	HARF REFUI	ELING CAPABILITY					
5. Program Element	6. Categor	ry Code	7. Project Number	8. Project	Cost (\$000)					
0701111S		125	DESC1705		30,000					
two refuel vessels s	imultane	ously. The DDW c	urrently only has	limited r	refueling capability.					
IMPACT IF NOT PROVID prolonged, intensive and theater logistic	ED: In tl operatio requiren	ne event of refu onal workload in ments and pre-pos	eling delay, NSA I supporting forwar sitioned ships.	DG will no rd-deploye	ot be able to sustain ed forces, on-island,					
ADDITIONAL: New cons This project meets a the project as appro- been considered for operational consider Unit costs for the f	truction ll applic priate. 5 joint use ations, a acilities	is the only feas cable DoD criter. The Defense Logis e, as applicable and location are s for this projec	sible alternative ia. Low Impact Dev stics Agency cert: , by other compone incompatible with ct vary from UFC 3	to meet m velopment ifies that ents. Miss h use by t 3-701-01 u	will be included in this facility has sion requirements, the other components.					
 Project's costs are based on current A/E estimates for the scope of work. 2. Supplemental Data: 										
A. Estimated Design Data:										
1. Status										
(a) Date Design S	tarted:				01/	/15				
(b) Parametric Co	st Estim	ate Used to Deve	lop Costs (Yes/No):		No				
(c) Percent Compl	ete as o	f September 2015	:		3	35%				
(d) Date 35 Perce	nt Compl	ete:			07/	/15				
(e) Date Design ((f) Type of Design	n Contra	ct			09/	/10 R/R				
(I) IYPE OI DESIG					D/1	ם /כ				
2. Basis										
(a) Standard or D	efinitiv	e Design:				No				
(b) Date Design w	vas Most	Recently Used:			1	N/A				
3. Total Cost (c)	= (a)·	+(b) or (d)+(e) (\$000)							
(a) Production of	Plans a	nd Specification	S		1,1	200				
(c) Total	ign cost	8			2 0	200 900				
(d) Contract					2.5	700				
(e) In-House						200				
1 Contract Arrand					01	/17				
 Construction Star 	+				01/	/ 1 7				
6 Construction Comp	lete				12	/18				
B. Equipment associated w	ith this n	coject that will be	provided from other ar	propriation		/ ±0				
DIIRDOGE	ion onte pi	APPROPRIATION	FISCAL VEAR	PIOPIIALIOIN	AMOUNT (\$000)					
			REQUIRED							
AUTOMATED FUEL HAN	IDLING	DWCF	2017		50					
		Point	t of Contact is DI	LA Civil E	ngineer at 703-767-23	326				

1. Componen	nt		EV 0	017 MT					,		2. Date		
DEFENSI	E (DLA)		FI Z	OT / MII	LIIARI (.ONSIRU	LIION PR	COGRAM	1		FEB	RUA	RY 2016
3. Instal	lation And L	ocation		4. Com	mand						5. Area (Cons	truction
MARINE	CORPS AIR	R STATIO	NC		DEFE	NSE LOG	ISTICS A	AGENC	Y		Cost Inde	ex	
IWAKUN	I, JAPAN											1	.71
6. PERSONNI	EL tenant	(1) PERMANE	NT) (2) STUDEN	rs	0.77	(3)	SUPPORT:	ED		(4) TOTAL
a. AS OF	vy	OFF	ENL	CIV	OFF	ENL	CIV	OFF	-	ENL	CIV		
h END EV													
D. END FI													
7. INVENTO	RY DATA (<i>Ş00</i> Treace	0)											
B. INVENTOR	RY TOTAL AS	OF 30 SE	P 2015										
C. AUTHORI	ZED NOT YET	IN INVEN	TORY										
D. AUTHORI	ZATION REQUE	STED IN '	THIS PROC	GRAM									6,664
E. AUTHORI	ZATION INCLU	DED IN F	OLLOWING	PROGRAM									26,600
F. PLANNED	IN NEXT THR	EE PROGR	AM YEARS										36,040
G. REMAINI	NG DEFICIENC	Y											
H. GRAND TO	OTAL												69.304
8. PROJECTS	S REQUESTED	IN THIS	PROGRAM:										
			a. CA	TEGORY					b.	COST	c. I	ESI	GN STATUS
(1)Code	(1)Code (2) PROJECT TITLE (3) SCOPE (\$000)									000)	(1)STAR	.T	(2)COMPLETE
126	CONSTRUCT	TRUCK	OFFLOA	D AND 1	LOADING		4 OL		6,	664	12/14	:	07/16
	FACILITIES												
9. FUTURE	9. FUTURE PROJECTS:												
a. INCLUDE	D IN FOLLOWI	NG PROGR	АМ										
CATEGORY	PROJECT				PRO	JECT TITI	E					C (ל	OST
411	DESC180	3	CO	NSTRUCT	BULK ST	ORAGE TA	NKS (PH-	·1 of ·	4)			26	,600
_													,
D. PLANNED CATEGORY	PROJECT	UR YEARS										C	OST
CODE	NUMBER				PRO	JECT TITI	E					(\$	000)
151	DESC190	3			CONSTRU	JCT T-5	PIER					12	,500
411	DESC180	3	CO	NSTRUCT	BULK ST	ORAGE TA	NKS (PH-	2 of	4)			23	,540
10. MISSIO	N OR MAJOR F	UNCTION	orrido o	agonti	al atom	ara and	diataik			atoma	to gump	0 m +	the
missions	of assigr	ned uni	ts and	transi	ent airo	craft a	t MCAS I	Iwakur	ni,	Japan.	co supp	JIL	CIIE
Deferred	sustainme	ent, re	storati	on, and	d modern	nizatio	n for fu	lel fa	acil	ities	at this	10	cation is
\$10.3 mi	llion.												
11 01777													
A. ATR PO	OLLUTION	UN AND S.	AFEII DEI	LUIGNCI	69: (\$000)	/						0	
B. WATER	POLLUTION	1										0	
C. OCCUP	ATIONAL SZ	FETY A	ND HEAT	TH								0	
5. 566511	. OCCUPATIONAL SAFETY AND HEALTH U											~	

1. Component DEFENSE (DLA)	FY 2017 MILITA	ARY CONS	TRUCTIO	ON	2. Date	2. Date FEBRILARY 2016		
	PROJE	CT DATA						
3. Installation and Locat	ion	4. Proje	ct Title					
MARINE CORPS AIR S	TATION IWAKUNI, JAPAN	CONST	RUCT TR	RUCK OFFL	OAD AND LOAI	DING FACILITIES		
5. Program Element	6. Category Code	7. Proje	ct Number	r 8. P	roject Cost (\$	000)		
0701111S	126	DE	SC1708		б,	664		
9. COST ESTIMATES								
	Item		U/M	Quantity	Unit Cost	Cost (\$000)		
PRIMARY FACILITIES .			-	-	-	4,768		
TRUCK UNLOAD STATI	ONS (CC 12640)		OL	4	836,105	(3,344)		
TRUCK FILLSTAND (CC	2 12630)		OL	2	711,796	(1,424)		
	-					1 000		
SUPPORTING FACILITIE	S	• • • • • •	-	-	-	1,208		
SITE UTILITIES	•••••••	• • • • • •	LS	-	-	(519)		
DEMOLITION		• • • • • •	LS	_	_	(490)		
SITE PREPARATION A	ND IMPROVEMENTS		LS	-	_	(199)		
SUBTOTAL			_	_	_	5,976		
CONTINGENCY (5%)			_	_	_	2.99		
ESTIMATED CONTRACT C	оsт		_	_	_	<u> </u>		
SUPERVISION INSPECT	TON & OVERHEAD (STOH) (6	2%)	_	_	_	389		
bor have brow, indiller		.207 .				<u> </u>		
TOTAL	••••••		-	-	-	6,664		
TOTAL (ROUNDED)			-	-	-	6,664		
EQUIPMENT FROM OTHER	APPROPRIATIONS		-	-	-	(105)		
10. Description of Propo Construct a 600-gall 600-gallon-per minut containment and over pavement, utilities, Demolish existing pa curbs necessary for	sed Construction: on-per minute four-posit. e two-position fuel load fill provisions for the pump controls, drainage vement, truck loading sta construction.	ion jet ing fac: unloadin structu ations,	fuel u ility w ng faci ures, g soil r	nload sta ith a car lity. Wor ates, fer emediatio	ation with a hopy. Provid rk includes hcing, and l on structure	a canopy and a le secondary access ighting. e, concrete and		
11. REQUIREMENT: 4 Outle	ts (OL) ADEQUATE: 2	2 OL		SUBSTAND	ARD: 0 OL			
PROJECT: Construct	four-station truck unload	d and to	vo-stat	ion 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 overfill 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.								
						50		

1. Component DEFENSE (DLA)		FY 2017 MILITA PROJE	ARY CONSTRUCTION CT DATA		2. Date FEBRUARY 2016		
3. Installation and Locat:	ion		4. Project Title				
MARINE CORPS AIR ST	TATION IW	AKUNI, JAPAN	CONSTRUCT TRUCK	C OFFLOAD	AND LOADING FACILITIES		
5. Program Element	6. Category	y Code	7. Project Number	8. Projec	t Cost (\$000)		
0701111S		126	DESC1708		6,664		
IMPACT IF NOT PROVID access fuel when the a lengthy, inefficient flying mission by de ADDITIONAL: New const applicable DoD crites has been considered considerations, and Unit costs for the fa project's costs are 1 12. Supplemental Data: A. Estimated Design Data:	ED: If th fuel pie nt operat laying ai truction ria. The for joint location acilities based on	is project is normalized is out of servition. Both of the rest of the only feature potential. are incompatible for this projection A/E est	ot provided, the vice. Unloading o hese conditions w sible alternative se Logistics Agen Mission requirem e with use by oth ct vary from UFC imates for the sc	installat f commerc ill hampe . This pr cy, certi ents, ope er compon 3-701-01 ope of wo	ion may be unable to ial tank trucks will be r the installation oject meets all fies that this facility rational ents. unit costs. This rk.		
<pre>1. Status (a) Date Design Started: (b) Parametric Cost Estimate Used to Develop Costs (Yes/No): (c) Percent Complete as of September 2015: (d) Date 35 Percent Complete: (e) Date Design Complete: (f) Type of Design Contract</pre>							
2. Basis (a) Standard or Da (b) Date Design wa	efinitive as Most R	Design: ecently Used:			Yes 07/10		
3. Total Cost (c)	= (a)+	(b) or (d)+(e) (\$000)				
(a) Production of	Plans an	d Specification	S		700		
(b) All Other Des.	ign Costs				200		
(d) Contract					800		
(e) In-House					100		
4. Contract Award					01/17		
5. Construction Star	t				03/17		
6. Construction Comp	lete				07/18		
B. Equipment associated w	ith this pr	oject that will be p	provided from other a	ppropriation	18:		
PURPOSE		APPROPRIATION	FISCAL YEAR <u>REQUIRED</u>		AMOUNT (\$000)		
AUTOMATED FUEL HAN EQUIPMENT	IDLING	DWCF	2017		105		
		Point	t of Contact is D	LA Civil 1	Engineer at 703-767-2326		
					59		
DD Form 1391, December	1976	PREVIOUS EDITIO INTERNALLY UN	NS MAY BE USED FIL EXHAUSTED				

1. Componen	nt		FY 2	017 MII	LITARY (CONSTRU	CTION PR	ROGRAM		2. Date	
DEFENSI	(DLA)	ocation		4. Com	mand					FEBR	UARY 2016
DEEENCI			TNT	1. COM						Cost Index	4
RMV TVI I	S FUEL SUE	оч 1149 млрси			DEFE	NSE LOG	ISIICS I	AGENCI			2.61
TSLANDS	STU VIODO'	, MARDII	ЦЦЦ								
6. PERSONNI	EL tenant	(1	L) PERMANE	NT		(2) STUDEN	TS		3) SUPPORT	'ED	(4) = 0 = 3 =
of U.S. Arr	ny	OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV	(4)TOTAL
a. AS OF											
b. END FY											
7. INVENTOR	RY DATA (\$00 Treage	10)									
B. INVENTOR	RY TOTAL AS	OF 30 SE	P 2015								
C. AUTHORIZ	ZED NOT YET	IN INVEN	TORY								
D. AUTHORIZ	ZATION REQUE	STED IN	THIS PROC	GRAM							85,500
E. AUTHORIZ	ZATION INCLU	JDED IN F	OLLOWING	PROGRAM							
F. PLANNED	IN NEXT THE	REE PROGR	AM YEARS								0
G. REMAININ	NG DEFICIENC	ĽΥ									
H. GRAND TOTAL											
8. PROJECTS REQUESTED IN THIS PROGRAM:											
a. CATEGORY b. COST											SIGN STATUS
(1)Code		(2) PH	(2) PROJECT TITLE (3) SCOPE (\$000)								(2)COMPLETE
411	REPL	ACE FUE	E FUEL STORAGE TANKS 90,000 BL 85,500							11/14	09/16
ם הנותנוסב ו											
a. INCLUDE	a. INCLUDED IN FOLLOWING PROGRAM										
CATEGORY	PROJECT				PRC	JECT TIT	E				COST
CODE	NUMBER					NONE					(\$000)
						NONE					
b. PLANNED	IN NEXT TH	REE YEARS	5								
CATEGORY	PROJECT				PRC	JECT TIT	E				COST (\$000)
CODE	NOMBER					NONE					(\$000)
10. MISSION	N OR MAJOR F	UNCTION									
These fue	el facilit	ties pr	ovide e	essenti	al stor	age and	distri	oution	systems	to suppor	rt the
mission o	of assigne	ed unit	s at De	efense i	Fuel Su	pply Po	int (DFS	SP) Kwa	jalein A	Atoll, Ma	rshall
Islands.											
I											
do 2 mil	sustainme	ent, re	storati	.on, and	a moaer	nizatio	n Ior Il	lel Iac	llities	at this	location is
\$0.3 mil.	lion.										
A ATR D	NUTUR POLLTI OLTITTON	ON AND S	AFETY DEI	TCLENCIE	ss: (\$000)					0
B WATER		N									0
	ATTONAL SI	 ΔFETY Δ	ND HEAT	TH							0
2. 000011	U U										

1. Component	FY 2017 MILITA	RY CONS	TRUCTION	1	2. Date					
DEFENSE (DLA)	PROJE	CT DATA			FE	BRUARY 2016				
3. Installation and Locat	ion	4. Projec	ct Title							
DEFENSE FUEL SUPPL MARSHALL ISLANDS	Y POINT KWAJALEIN ATOLL,		REP	LACE FUEI	STORAGE	TANKS				
5. Program Element	6. Category Code	7. Projec	t Number	8. Pro	ject Cost (\$0	000)				
0702976S	411	DES	SC1704		85	,500				
9. COST ESTIMATES										
	Item		U/M	Quantity	Unit Cost	Cost (\$000)				
PRIMARY FACTLITTES			_	_	_	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 BU	ILDING (CC 14375)		SF	2,835	2,293	(6,500)				
FILTER BUILDING			SF	1,600	3,481	(5,570)				
SUPPORTING FACILITIE	S		-	-	-	3,888				
DEMOLITION			LS	-	-	(1,824)				
SITE IMPROVEMENTS			LS	-	-	(978)				
UTILITIES			LS	-	-	(650)				
ARCHAEOLOGICAL MIT	IGATION		LS	-	-	(436)				
SUBTOTAL			-	_	-	76,458				
CONTINGENCY (5%)			-	_	_	3,823				
	00m					00.001				
ESTIMATED CONTRACT C	051	••••	-	-	-	80,281				
SUPERVISION, INSPECT	ION & OVERHEAD (SIOH) (6	.5%).	-	-	-	5,218				
TOTAL			-	-	_	85,4				
TOTAL (ROUNDED) EQUIPMENT FROM OTHER	APPROPRIATIONS		-	-	-	85,500 (993)				
10. Description of Propo Construct three 4,76 (7,100-barrel) above (40,000-gallon) abov square meter fuel fi includes constructio connections. Demoli includes remediation	<pre>sed Construction: 9-kiloliter (kL) (30,000- ground steel storage tan eground steel storage tan lter building and 263 squ n of aboveground distribu sh ten existing fuel stor of contaminated soil fun</pre>	-barrel) ks for f hks for lare met ltion pi rage tan hded by	(BL) and uel sto motor ga er fuel ping, s uks and a other ap	nd one 1, rage. Co as (MOGAS operatio ite impro fuel oper ppropriat	136-kiloli nstruct fo) fuel. C ns buildin vements, a ations bui ions.	ter (kL) our 151 kL Construct a 149 ng. The work and utilities lding. Project				
11. REQUIREMENT: 90,000	BL ADEQUATE: 0	BL		SUBSTANDARI): 90,000 BL					
PROJECT: Replace ten tanks. (C)	existing fuel storage to	anks wit	h modern	n complia	nt abovegr	ound storage				
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		FY 2017 MTLTTA	RY CONSTRUCTION	2.	Date					
--	---	--	--	---------------------------	---	--	--	--	--	--
DEFENSE (DLA)		PROJE	CT DATA		FEBRUARY 2016					
3. Installation and Locat	ion		4. Project Title							
DEFENSE FUEL SUPPL MARSHALL ISLANDS	Y POINT H	WAJALEIN ATOLL,	REPLAC	E FUEL STO	RAGE TANKS					
5. Program Element	6. Categor	ry Code	7. Project Number	8. Project C	ost (\$000)					
0702976S		411	DESC1704		85,500					
existing fuel farm d operations building the refueler parking	oes not regularl	neet DoD standard y floods and does	ds for fuel filtrat s not meet the DoD	tion. The e standards	existing fuel for separation from					
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.										
ADDITIONAL: An analy that replacement of alternative to the m this facility has be requirements, operat components.	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.									
Unit costs for the f project's costs are	acilitie based on	s for this projection current A/E est	ct vary from UFC 3- imates for the scop	-701-01 un: pe of work	it costs. This					
12. Suppremental Data.										
A. Estimated Design Data:										
 Status (a) Date Design S (b) Parametric Co (c) Percent Compl (d) Date 35 Perce (e) Date Design C (f) Type of Design 	Started: ost Estim ete as o ent Compl Complete: gn Contra	ate Used to Deve f September 2015 ete: ct	lop Costs (Yes/No) :	:	11/14 No 35% 06/15 09/16 D/B/B					
 Basis (a) Standard or I (b) Date Design w)efinitiv vas Most	e Design: Recently Used:			Yes 03/14					
3. Total Cost (c) (a) Production of (b) All Other Des (c) Total (d) Contract (e) In-House	(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 (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 05/1										
6. Construction Comp	lete				05/21					
B. Equipment associated w	ith this p	roject that will be p	provided from other app	ropriations:	· · ·					
PURPOSE		APPROPRIATION	FISCAL YEAR REQUIRED		AMOUNT (\$000)					
AUTOMATIC TANK GA	UGING	DWCF	2017		893					
ENVIRONMENTAL REMEI	DIATION	DWCF	2017		100					
		Point o	of Contact is DLA G	General Eng	jineer at 703-767-2326					

	nt									2 Date		
			FY 2	017 MII	LITARY (CONSTRUC	TION PR	OGRAM		Z. Date	יעדדם	DV 2016
3. Instal	Lation And Lo	cation		4. Com	mand					5. Area (lons	truction
DOVAT 7			זיתאק		המימים	NCE IOC		A CENCV		Cost Inde	ex .	
INTTED	KINCDOM		SAIN,		DEFE	NGE LOG	IDIICD F	AGENCI			1.	11
6. PERSONNI	EL tenant	(1) PERMANE	NT		(2) STUDEN	rs	(3) SUPPORT	ED	-	
of U.S. Air	r Force	OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV		(4)TOTAL
a. AS OF												
b. END FY												
7. INVENTO	RY DATA (\$000 CREAGE)										
B. INVENTOR	RY TOTAL AS C	F 30 SE	2015									
C. AUTHORI	ZED NOT YET I	N INVEN	FORY									
D. AUTHORI	ZATION REQUES	TED IN 7	THIS PRO	GRAM								13,500
E. AUTHORI	ZATION INCLUD	ED IN FO	OLLOWING	PROGRAM								
F. PLANNED	IN NEXT THRE	E PROGRA	AM YEARS									14,103
G. REMAINI	NG DEFICIENCY											,
H. GRAND TO	OTAL											27 603
8. PROJECT	S REQUESTED I	N THIS	PROGRAM:									27,005
			a. CA	TEGORY					b. COST	c. D	ESIG	N STATUS
(1)Code		(2) PR	OJECT TI	TLE		(3) SCOPE		(\$000)	(1)STAR	т	(2)COMPLETE
121	CONSTRU	JCT HYI	DRANT F	UEL SYS	STEM		4 OL		13,500	12/13		02/16
9. FUTURE	PROJECTS:		M									
CATEGORY	PROJECT										CC	ST
CODE	NUMBER				PRO	JECT TITL	E.				(\$0	100)
						NONE						
b. PLANNED) IN NEXT FOU	R YEARS										
CATEGORY	PROJECT				PRO		R				CC	ST
CODE	NUMBER			~ ~ ~ ~ ~ ~ ~							(\$0	000)
121	DESC1814	:		CONSTR	ИСТ НОТ	PIT HY	DRANT SY	STEM			14,	103
10. MISSIO	N OR MAJOR FU	NCTION										
The 48th	Operation	s Grouj	o provi	des fi	ve squa	drons of	f F-15C/	/D/E ai	rcraft,	HH-60G ł	neli	icopters,
and perso	onnel capal	ble of	accomp	lishin	g fight	er and :	rescue c	operati	ons wor	ldwide. 1	[t ß	prepares
aircrew a	and support	t pers	onnel t	o accoi	mplish	war pla	ns and c	conting	ency ope	erations	foi	r U.S. Air
Forces E	urope, U.S	. Euroj	pean Co	mmand,	and NA	TO. Th	is locat	tion al	so suppo	orts U.S.	•	
Transpor	tation Com	mand.										
D . £											7	
delerred	sustainme	nt, rea	storati	on, and	a moder	nizatio.	I LOF IU	lei lac	IIILIES	at this	TOC	cation is
ŞO,Z IIII.	11011.											
A. AIR PO	NDING POLLTIC OLLUTION	IN AND SZ	AFETY DEI	TCLENCIE	ss: (\$000)					0	
ם שתיית א											0	
D. WAIER	FOLLOTION										0	
C. OCCUP	ATIONAL SA	FETY A	ND HEAL	TH							0	

1. Component	FY 2017 MTLTTA	RY CONS	TTUCTTO	N		2. Date			
DEFENSE (DLA)	PROJE	PROJECT DATA FEBRUARY 2016							
3. Installation and Locat	ion	4. Project Title							
ROYAL AIR FORCE LA	KENHEATH, UNITED KINGDOM	CONSTRUCT HYDRANT FUEL SYSTEM							
5. Program Element	6. Category Code	7. Proje	ct Number	. 1	3. Proj	ect Cost (\$	000)		
0701111S	121	DE	SC1612			13	,500		
9. COST ESTIMATES									
	Item		U/M	Quant	tity	Unit Cost	Cost (\$000)		
PRIMARY FACTLITTES .			_	_		_	9,314		
HYDRANT OUTLETS (C	C 121122)		OL	4	Ł	947,500	(3,790)		
HYDRANT PIPING (CC	125554)		LF	3,6	571	962	(3,530)		
RUNWAY AND TAXIWAY	CROSSING		SY	9.	4	21,213	(1,994)		
SUPPORTING FACILITIE	S		-	_		_	2,300		
SITE PREPARATION &	IMPROVEMENTS		LS	-		-	(1,500)		
PAVEMENTS			LS	-	-	-	(800)		
SUBTOTAL			-			-	11,614		
CONTINGENCY (5%)			_	_		_	581		
ESTIMATED CONTRACT C	OST		-	_	-	-	12,195		
CIDEDVICTON INCORCT	TON & OVERHEAD (STOH) (6	281	_		_	_	756		
DESIGN FOR DESIGN-BU	ILD (4% OF SUBTOTAL)	. 40) .	_		_	_	488		
		••••					100		
ΤΟΤΑΙ.			_	_	_	_	13 439		
		• • • • •					10,100		
TOTAL (ROUNDED)			-	_		-	13,500		
EQUIPMENT FROM OTHER	APPROPRIATIONS (NON-ADD))	-	_	-	_	(200)		
Currency Exchange Rate: £	0.6289/\$								
10. Description of Propo	sed Construction:								
Construct a four-out	let hydrant fueling syste	em exter	nsion fr	com ez	xistir	ng hydrant	t loop including		
8-inch fuel lines, i	solation valve pits, high	n/low p	oint dra	ains,	leak	detection	n/cathodic		
protection systems	and four high reach mobil	le panto	ographs.	. Mod	ify th	ne existin	ng fueling pumps		
and utilities in the	existing pumphouse to ac	ccommoda	ate the	addit	tional	. hydrant	outlets. Work		
includes all necessa	ry piping, control system	ns, catl	nodic pr	rotect	tion,	and site	work to include		
a pantograph parking	area, antiterrorism / fo	prce pro	otectior	n meas	sures,	utility	connections,		
emergency generator,	and selective demolition	1 OI al:	rfield p	paveme	ents.	Provide r	nitigation of		
remediation of fuel	contaminated soil funded	by oth	pipeili ar appro	ne rou	ile. E -ion	Project II	iciudes		
11 PEOULDEMENT: 4 Outlo			er appro	guper		• 0.01			
II. REQUIREMENT. 4 Outle		UП		50551	ANDARD				
PROJECT: Construct a	n extension to an existin	ng pres	surized	hydra	ant fu	ael syster	n. (C)		
REOIITREMENT: There	s a need to construct on	extend	ion to -	n ev	igting	n hydrant	fuel avatem to		
support mission requ	irements Faster refuelin	ng of a	ircraft	bv a	hvdra	nt fuel s	system is needed		
to guickly move haza	rdous cargo and personnel	l forwa:	rd to su	roqai	t oper	ations.	deployments, and		
strategic en-route m	ission requirements.	L LOLWA		APPOL	oper		acpio/merres/ and		
CURRENT SITUATION:	Aircraft parked on the ha	azardou	s cargo	apror	ns are	e current	ly refueled via		
refueler trucks. Thi	s method of refueling is	too sl	ow to su	apport	t miss	sion requi	irements. Wide		
body aircraft requir	e multiple trucks to meet	fuel o	demands.	. Rour	nd tri	p distand	ce from fuel		
storage to the hazar	dous cargo apron is exces	ssive.	As a res	sult,	fueli	ng times	on the		
hazardous and non-ha	zardous cargo apron are o	over tw	ice as l	Long p	per ai	.rcraft ve	ersus by hydrant		
iuel operations.							64		

1 Component	f			·	2 Date		
DEFENSE (DLA)	 	FY 2017 MILITA PROJE(RY CONSTRUCTION CT DATA		FEBRUARY 2016		
3. Installation and Locat	ion		4. Project Title				
ROYAL AIR FORCE LAP	KENHEATH,	UNITED KINGDOM	CONSTRUC	T HYDRAI	NT FUEL SYSTEM		
5. Program Element	6. Categor	y Code	7. Project Number	8. Projec	t Cost (\$000)		
07011115		121	DESC1612		13,500		
IMPACT IF NOT PROVID support successful m experience delays du periods. The continu of personnel operati ADDITIONAL: Constru	ED: If t ission ac e to lim: ed refue: ng and ma ction of	this project is n complishment. Ai ited numbers of r ling of wide bodi aintaining overbu a hydrant syster	not provided, time ircraft servicing c refueling personnel ied aircraft by tru urdened equipment c m extension is the	to refun- operation l and trans locks wil during h only fe	el aircraft may not ns will continue to ucks during peak l jeopardize the safety igh-demand periods. asible solution to		
deliver fuel to wide	-bodied a	aircraft. This p	project is not part	c of a N	ATO capability package		
and is consequently if A precautionary pre- in the future, the U criteria. The Defen joint use, as applic considerations, and 12. Supplemental Data:	not eligi financing .S. may i se Logist able, by location	ble for NATO Sec 3 statement will cecoup funds from tics Agency certi other components are incompatible	be filed so, if the NATO. This projection if is that this factor. Mission requirection with use by the comparison	Program 1e proje 2ct meet cility h 2ments, other co	funding at this time. ct does become eligible s all applicable DoD as been considered for operational mponents.		
A. Estimated Design Data:				_			
 Status (a) Date Design S (b) Parametric Co (c) Percent Compl (d) Date 35 Perce (e) Date Design C (f) Type of Desig 	tarted: ost Estim ete as o ent Compl Complete: gn Contra	ate Used to Deve f September 2015 ete: ct	lop Costs (Yes/No) :	:	12/13 Yes 35% 09/15 02/16 D/B/B		
2. Basis (a) Standard or D (b) Date Design w)efinitiv Nas Most	e Design: Recently Used:			Yes 06/03		
<pre>3. Total Cost (c) (a) Production of (b) All Other Des (c) Total (d) Contract (e) In-House</pre>	3. Total Cost (c) = (a)+(b) or (d)+(e) (\$000) (a) Production of Plans and Specifications (b) All Other Design Costs (c) Total (d) Contract (e) In-House						
4. Contract Award					12/16		
5. Construction Star	t				03/17		
6. Construction Comp	lete				04/18		
B. Equipment associated w	ith this pr	oject that will be r	provided from other app	ropriation	15:		
PURPOSE		APPROPRIATION	FISCAL YEAR R <u>EQUIRED</u>		AMOUNT (\$000)		
ENVIRONMENTAL REMEDIATION DWCF 2017 200							
		Point	of Contact is DLA	Civil I	Engineer at 703-767-2326		

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

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

DoDEA FY 2017 MILITARY CONSTRUCTION PROGRAM February 2016 3. Installation and Location Dover Air Force Base, Delaware 4. COMMAND DoDEA 5. AREA CONSTRUCT TON COST INDEX 107 6. PERSONNEL STRENCT TON COST INDEX 0 OULM STUDENTS SUPPORTER 6. PERSONNEL STRENCT TON COST INDEX 0 OULM OPERA TOTAL 8. AS OF 30 SEP 2015 0 Intern 0 Intern 0 Intern 0 Intern 9. PERSONNEL STRENCT TOTAL ACREAGE 0 Intern 0 Intern 0 Intern 0 Intern 10. L END FY 2019 0 Intern 0 Intern 0 Intern 0 Intern 0 Intern 10. NEWTORY DATA (\$000) TOTAL ACREAGE 0 Intern	1. COMPONENT									2. Dat	e	
3. Installation and Location 4. COMMAND 5. REAC CONSTRUCTION CONTINUES. Dover Air Force Base, Delaware DODEA 1.07 a. PERSONNEL STRENCTH PERMAINENT STUDENTS SUPPORTED a. AS OF 30 SEP 2015 Image: Delaware 0model beams 6.00.00 entrol 490 Image: Delaware TOTAL a. AS OF 30 SEP 2015 Image: Delaware 0model beams 0model beams 6.00.00 entrol 490 Image: Delaware TOTAL a. AS OF 30 SEP 2015 Image: Delaware 0model beams 0 Image: Delaware TOTAL 490 Image: Delaware TOTAL b. END FY 2019 Image: Delaware 0 Image: Delaware 0 Image: Delaware TOTAL VENTORY DATA (\$2000) Image: Delaware 0 Image: Delaware 0 Image: Delaware Image: Delawa	DoDEA	F	Y 2017	MILITA	RY CO	NSTR	UCTIO	N PRO	GRAM		Februar	y 2016
Dover Air Force Base, Delaware DoDEA 1.07 8. PERSONNEL STRENGTH PERMANENT STUDENTS SUPPORTED TOTAL a. AS OF 30 SEP 2015 Image: Permanent of the superior	3. Installation and Location					4. COM	IMAND			5. AR		RUC-
B. PERSONNEL STRENGTH PERMANENT STUDENTS OWNERS PULLENCE PULLENCE<	Dover Air Force Base, D	elaw	are			Do	DEA			1.	07	NDEX
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b. END FY 2019 490 490 490 Z. INVENTORY DATA (\$000) 0 0 0 TOTAL ACREAGE 0 0 0 INVENTORY TOTAL AS OF 0 0 0 AUTHORIZATION NOT YET IN INVENTORY 0 0 0 AUTHORIZATION INCLUDED IN THIS PROGRAM 44,115 0 PLANNED IN NEXT THREE PROGRAM YEARS 0 0 REMAINING DEFICIENCY. 0 0 0 GRAND TOTAL 44,115 0 0 REMAINING DEFICIENCY. 0 0 0 GRAND TOTAL MISSING DEFICIENCY. 0 0 CATEGORY PROJECT TITLE SCOPE 105,549 SF 44,115 MAY 15 JUL 19 9. FUTURE PROJECTS a. INCLUDED IN FOLLOWING PROGRAM a. INCLUDED IN FOLLOWING PROGRAM a. INCLUDED IN FOLLOWING PROGRAM a. INCLUDED IN FOLLOWING PROGRAM A IND FOLLOWING PROGRAM IND FOLLOWING PROGRAM a. INCLUDED IN FOLLOWING PROGRAM IND FOLLOWING PROGRAM IND FOLLOWING PROGRAM I. MUSSION OR MAJOR FUNCTIONS <td>a. AS OF 30 SEP 2015</td> <td></td> <td colspan="8"></td> <td></td> <td>490</td>	a. AS OF 30 SEP 2015											490
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TOTAL ACREAGE 0 INVENTORY TOTAL AS OF 0 AUTHORIZATION NOT YET IN INVENTORY. 0 AUTHORIZATION NOT YET IN INVENTORY. 0 AUTHORIZATION NOLUDED IN FOLLOWING PROGRAM. 0 PLANNED IN NEXT THREE PROGRAM YEARS. 0 REMAINING DEFICIENCY. 0 GRAND TOTAL. 44.115 8. PROJECTS REQUESTED IN THIS PROGRAM 0 CODE PROJECT TITLE SCOPE (\$2000) STATUS COMPLETE 730787 Welch Elementary School / Dover Middle School Replacement 105.549 SF 44,115 MAY 15 JUL 19 JUL 19 9. FUTURE PROJECTS	7. INVENTORY DATA (\$000)											
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PLANNED IN NEXT THREE YEARS None 1. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES: None Next Addition of the following program of the following	AUTHORIZATION INCLUDED				λM				0			
REMAINING DEFICIENCY	PLANNED IN NEXT THREE PI	ROGI	RAM YEAR	S					. 0			
GRAND TOTAL	REMAINING DEFICIENCY								0			
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730787 Welch Elementary School / Dover Middle School Replacement 105,549 SF 44,115 MAY 15 JUL 19 9. FUTURE PROJECTS			PR	OJECT TI	<u>TLE</u>	<u>sc</u>	OPE	<u>(\$00</u>	<u>)</u>	START	<u>C</u>	COMPLETE
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b. PLANNED IN NEXT THREE YEARS None 10. MISSION OR MAJOR FUNCTIONS Military Dependent Education 11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES: None	NULE											
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10. MISSION OR MAJOR FUNCTIONS Military Dependent Education 11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES: None												
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11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES: None												
None	11. OUTSTANDING POLLUTIO	ON A	ND SAFET	Y DEFICIE	NCIES:							
	None											

	FY 2017 MILITARY CONS	STRUC	TION PI	ROJECT D	OATA	2. Date February 2016		
D LOCA	TION		4. PROJECT TITLE:					
BASE, 1	DELAWARE		Wel Rep	lch Element lacement	ary School / Dove	r Middle School		
Г	6. CATEGORY CODE	7. PRO	JECT NU	UMBER	8. PROJECT CC	OST (\$000)		
	730787		AM0004	47	44	4,115		
	9. COST ES	TIMA	ГES					
	Item		U/M	Quantit	y Unit Cost	Cost (\$000)		
IES TARY SCHOO AL ENI	SCHOOL / DL (730787) ERGY ACTS COMPLIANCE	Ξ	SF LS	105,549	259.48	28,210 27,388 822		
SUPPORTING FACILITIES SPECIAL CONSTRUCTION FEATURES (concrete piers) CANOPIES ELECTRICAL/GAS UTILITIES COMMUNICATION UTILITIES WATER/SEWER/UTILITIES (Includes storm drainage) SITE PREPARATION ROADS, SIDEWALKS AND PARKING SITE IMPROVEMENTS AT/FP DEMOLITION LOW IMPACT DEVELOPMENT ENVIRONMENTAL MITIGATION				126,398	3 29.84	11,166 986 112 678 116 865 494 880 1,717 109 3,772 227 1,210		
ACT CO CENT (ECTION ING CO <u>HER AF</u> F PROF	OST (5%) N & OVERHEAD (5.7%) ONSTRUCTION (1%) (of sub PROPRIATIONS (NON ADD) POSED CONSTRUCTION: ntary school/middle school co	total)	l of pile	foundation	s, steel framing	39,376 <u>1,969</u> 41,345 2,357 <u>413</u> 44,115 3,447 and brick veneer.		
	DIOCA BASE, I BASE, I BASE, I BASE, I BASE, I C CENT C CENT C CENT C CENT C CENT C CENT C CENT C CENT C CENT C CENT C CENT C CENT C C CENT C C C C C C C C C C C C C C C C C C C	DIOCATION BASE, DELAWARE	DEDUCATION BASE, DELAWARE F 6. CATEGORY CODE 7. PRO 730787 9. COST ESTIMA' Item ES TARY SCHOOL / SUTILITIES SUTILITIES (Includes storm drainage) ON	DLOCATION 4. PRO BASE, DELAWARE Wei Rep 7. PROJECT NI AM000 9. COST ESTIMATES Item U/M ES TARY SCHOOL / SCHOOL (730787) SF AL ENERGY ACTS COMPLIANCE LS LITIES LS RUCTION FEATURES (concrete piers) LS S UTILITIES LS N UTILITIES (Includes storm drainage) LS ON LS LKS AND PARKING LS ENTS LS VELOPMENT LS L MITIGATION LS ACT COST LS CENT (5%) SCTION & OVERHEAD (5.7%) NG CONSTRUCTION (1%) (of subtotal) HER APPROPRIATIONS (NON ADD) HER APPROPRIATIONS (NON ADD) F F PROPOSED CONSTRUCTION: elementary school/middle school composed of pile exterior with standing seam metal roofing. Interior of the school composed of pile	A DELOCATION 4. PROJECT TITL BASE, DELAWARE Welch Element F 6. CATEGORY CODE 7. PROJECT NUMBER 730787 AM00047 9. COST ESTIMATES Item U/M Quantity Item U/M Quantity Item U/M Quantity Item U/M Quantity Item U/M Quantity Item U/M Quantity Item U/M Quantity Item U/M Quantity Item U/M Quantity Item U/M Quantity Item U/M Quantity Item U/M Quantity Item U/M Quantity Item U/M Quantity Item U/M Quantity Item U/M Quantity Iten I	JLOCATION 4. PROJECT TITLE: BASE, DELAWARE Velch Elementary School / Dove Replacement F 6. CATEGORY CODE 7. PROJECT NUMBER 8. PROJECT COMPLIANCE Item U/M Quantity Unit Cost Item U/M Quantity Unit Cost ES TARY SCHOOL / SF 105,549 259.48 ItemS UCTION FEATURES (concrete piers) LS LS IS VUCUTION FEATURES (concrete piers) LS LS IS IS VUCUTION FEATURES (concrete piers) LS IS IS IS NUTILITIES LS IS IS IS IS NUTILITIES (Includes storm drainage) LS IS IS IS NUTS LS IS IS IS NUTILITIES (Includes storm drainage) LS IS IS ACT COST LS		

consult a multi-story, elementary school/middle school composed of phe foundations, steel maining and blick veheer, 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.

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.

The project will require demolition of two buildings for a total of approximately 126,398 SF.

Special construction will include structural piles and grade beam foundations to support the facility. EnvironmentalDD Form 1391, 1 Dec 76Previous Editions May Be Used Until Exhausted.70

1. COMPONENT DoDEA		FY 2017 MI	ILITARY CON	ISTRUC	TION PROJECT D	DATA	2. Date February 2016		
3. INSTALLATION AN	D LOCA	TION			4. PROJECT TITL	E:			
DOVER AIR FORCE	BASE,	DELAWARE			Welch Element Replacement	ary School / Dove	r Middle School		
5. PROGRAM ELEMEN	Τ	6. CATEGOR	Y CODE	7. PRC	JECT NUMBER	8. PROJECT CC	OST (\$000)		
		730	1787		AM00047	44	4,115		
mitigation includes tre	atment (of contaminated	d ground water	r during	excavation of foun	dations and utili	ties.		
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. 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.									
11. REQUIREMEN	$\frac{12400}{T}$ T: 105,	ons 549 SF	ADOT: 0 S	F	S	UBSTD: 126.39	98 SF		
<u>PROJECT:</u> Replace the existing el <u>REQUIREMENT:</u> The new school is requ	PROJECT: Replace the existing elementary/middle school facility by constructing a new elementary/middle school facility. REQUIREMENT: The new school is required to provide adequate academic facilities for 490 students in grades Kindergarten through								
CURRENT SITUATI	0 <u>N:</u>	1 011 2017 Sense	Of year.						
The current Welch Ele 1960. Following the o school has a poor facil expired or are failing a exterior windows, plur systems. The facility o Curriculum and educa Americans with Disab federal energy and sus	mentary riginal c ity cond nd in ne nbing fi: loes not tional ot ilities A tainabili	School/Dover onstruction, ad ition rating; it i ed of replacem xtures and pipi meet the DoD ojectives. The ct, and Nationa ty mandates.	Middle Schoo Iditions includ is more econor ient; electrical ng, specialties EA's Educatio facility does no il Fire Protectio	ol is a 12 ed build mical to branch (and hea on Facili ot meet (on Asso	26,398 SF facility the ing expansions in the replace than to replicate than to replicate than to replication, casework, ting, ventilation and the specifications current antiterroristic that the state of the state ciation (NFPA) state	hat was originall 1963, 1966, 1982 air. The followin exterior doors, e ad air conditionin to include 21 st C m/force protection ndards and does	y constructed in 2 and 1995. The ng systems are exterior finishes, ng (HVAC) entury on (AT/FP), not meet current		
IMPACT IF NOT PRO	<u>)VIDE</u>	<u>):</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.									
ADDITIONAL:									
This project has been of	coordina	ted with the in	stallation phys	ical secu	urity plans and all A	AT/FP measures	are included.		
Economic Alternatives	3:								
All known alternatives	were co	onsidered durir	ig the developi	ment of	this project. No of	her option could	meet the mission		

An known anematives were considered during the development of this prrequirements; therefore, no economic analysis was needed or performed.DD Form 1391, 1 Dec 76Previous Editions May Be Used Until

1. COMPONENT DoDEA	FY 2017 MILITARY CO	NSTRUCTION PROJECT I	DATA	2. Date February 2016
3. INSTALLATION AND L	OCATION	4. PROJECT TITL	Æ:	
DOVER AIR FORCE BA	ASE, DELAWARE	Welch Element Replacement	ary School / Dove	r Middle School
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT CO	OST (\$000)
	730787	AM00047	44	4,115
JOINT USE CERTIFICA	TION:			
This facility can be used b on DoDEA requirements.	by other components on an "as av	ailable" basis; however, the	e scope of the pro	oject is based
DoDEA POC (571) 372-1	405			
12. Supplemental Data:				
Site Approval: Yes X	Obtained Date: JULY 201	5		
No	Expected Date:			
Issues:				
 a. DDESAB, AICUZ, A b. Endangered species/s c. Air quality: No issue d. Cultural/archeologica for historical / cultura e. Clearing of trees: No f. Known contamination g. Operational problems h. Traffic patterns impace i. Existing utilities upgrij. Ordnance sweep required 	Airfield, EMR, or wetlands: No is ensitive habitat: No issue Il resources: Yes, the extreme sou Il area. No excavation is permitte issue In at selected site: Contaminated g No issue ct: No issue rade: No issue ired prior to construction: No iss	sue thern portion of the field an ed at this area until cultural ground water. ue	rea is designated survey is comple	as a potential site ete.
Planning: Consistent with Installation	on Master Plan: Yes			
Host Nation Approval: N/	Ά.			
National Capital Region A	Approval: N/A			
 A. Design Data (Estimate (1) Status: (a) Design Start I (b) Parametric Co (c) Percent of De (d) Expected 35% (e) 100% Design 	ed): Date ost Estimate Used to Develop Co ssign Completed as of 1 Jan 2016 6 Design Date Completion Date	sts	MAY 20 YES 15% APR 20 NOV 20	015 16 016
(f) Type of Desig	gn Contract:		Design/I	3id/Build

1. COMPONENT	1	EN ANT MILITARY CO	NOTDIC			2. Date
DODEA	1	FY 2017 MILITAKY CO	NSTRUC	TION PROJECT I	JATA	February 2010
2 INSTALLATION AN				4 PROJECT TITL	(F.	<u> </u>
J. 11() 1712 LITICI, 12.	DLUCI			4.11(0)[01 111	<u>.</u>	
DOVER AIR FORCE	E BASE,	DELAWARE		Welch Elemen	tary School / Dove	er Middle School
				Replacement		
5 DDOGRAM FLEMEN	NT.	CATEGORY CODE	7 PR(VECT NI IMBER		ንፍቷ (ቆሀሀሀ)
J. I KOOKANI LEENIEI	1	0. CATEOUXI CODE	/.1.00	JECT NUMBER	0. I ROJECI CO	JSI (\$000)
	I	730787		AM00047	44	4,115
(2) Basis:			1		-	
(a) Standard	or Defin [;]	itive Design - (YES/NO)				NO
(b) Date Desi	ign was l	Most Recently Used				N/A
× /	0					
(3) Total Desigr	a Cost (c	(a) + (b) OR (d) + (e):				
(a) Productio	n of Plar	and Specifications				
(b) All Other	Design (Costs				
(c) Total Des	ign Cost	l l				4,474
(d) Contract	.8-					2.684
(e) In-house						1,790
(4) Construction	o Contra	ct Award Date			MAR	2017
(5) Construction	Start D	vate			JUL	2017
(6) Construction	n Comple	etion Date			лл	2019
(0) Competence		Alon Dute				2017
1						
1						
B. Equipment associat	ted with	this project which will be pr	ovided fr	om other appropri	lations:	
	•	inter-jean i	Fiscal	Vear		
Equipment		Procuring	Appro	priated	Cost	
Nomenclature		Annronriation	Or Rec	wested	(\$000)	
Furnishings		O&M	201	8	564	
Kitchen		O&M	201	8	368	
IT		O&M	201	8	1 233	
Education Supplies		O&M	201	8	1 221	
Safety Equipment		O&M	201	8	5	
Security Equipment		O&M	201	8	56	
Beeurity Equipment		oum	201	0	50	
1						
1						
1						
1						

1. COMPONENT							2. Date		
DoDEA	FY 2017	MILITARY CO	NSTR	υςτιο	N PRO	GRAM	Fe	ebruar	y 2016
3. Installation and Location			4. COM	IMAND			5. AREA	CONST	RUC-
USAG Kaiserslautern, Semb	ach Kaserne, (Germany	DoDEA				1.13	COSTI	NDEX
6. PERSONNEL STRENGTH	Р	ERMANENT		STUDENT	S	S	UPPORTED		
	OFFICER	ENLISTED CIVILIAN	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED C	CIVILIAN	TOTAL
a. AS OF 30 SEP 2015					440				440
b. END FY 2020					500				500
7. INVENTORY DATA (\$000)				-					
TOTAL ACREAGE INVENTORY TOTAL AS OF AUTHORIZATION NOT YET IN I AUTHORIZATION REQUESTED AUTHORIZATION INCLUDED IN PLANNED IN NEXT THREE PRO REMAINING DEFICIENCY GRAND TOTAL	NVENTORY IN THIS PRO I FOLLOWING OGRAM YEAR	GRAM PROGRAMS.				0 . 0 . 45,221 . 0 . 0 0 0			
		ΔΜ							
CATEGORY					COS	т	DESIGN		STATUS
CODE	PR	OJECT TITLE	<u>S(</u>	COPE	<u>(\$000</u>	<u>))</u>	<u>START</u>	<u>C</u>	<u>OMPLETE</u>
73046	Sembach E Scho	Elementary & Middle ol Replacement	119	036 SF	45,22	1	FEB 2015	Ν	<i>I</i> AY 2019
9. FUTURE PROJECTS									
 a. INCLUDED IN FOLLOWING None b. PLANNED IN NEXT THREE 	PROGRAM YEARS								
None									
10. MISSION OR MAJOR FUNC Military Dependent Edu	TIONS cation								

1. COMPONENT DoDEA		FY 2017 MILITARY CON	STRUC'	TION PI	ROJECT DA	ATA	2. Date February 2016
3. INSTALLATION AN	D LOCA	TION		4. PRO	JECT TITLE	E:	
USAG KAISERSLA	UTERN,	SEMBACH KASERNE, GERM	IANY	Sem	ıbach Eleme	ntary & Middle S	chool Replacement
5. PROGRAM ELEMEN	Τ٧	6. CATEGORY CODE	7. PRO	JECT NI	UMBER	8. PROJECT CC	OST (\$000)
		73046		EU0003	39	45	5,221
		9. COST E	STIMA	TES			
		Item		U/M	Quantity	/ Unit Cost	Cost (\$000)
PRIMARY FACILIT SEMBACH ELEMEN REPLACEMENT (73 SDD AND FEDERAI	[IES JTARY 7 046) _ ENER(& MIDDLE SCHOOL GY ACTS COMPLIANCE		SF LS	119,036	237.32	28,876 28,250 626
SUPPORTING FAC CANOPIES ELECTRICAL/GAS	UTILIT	<u>š</u> TES		LS LS			11,187 198 675
COMMUNICATION WATER/SEWER/U MECHANICAL UT SITE PREPARATIC	UTILI TILITIE: ILITIES N	ΓΙΕS S(Includes storm drainage)		LS LS LS LS			700 550 59 1,024
ROADS, SIDEWAL SITE IMPROVEME AT/FP DEMOLITION LOW IMPACT DEV	KS ANE NTS /ELOPN) PARKING IENT		LS LS SF LS	151,834	23.61	1,850 1,840 139 3,584 40
ENVIRONMENTAL	_ MITIG	ATION		LS			528
ESTIMATED CONTR	RACT C	OST					40,063
CONTINGENCY PER	RCENT	(5%)			l		<u>2,003</u>
SUBTOTAL					l		42,066
SUPERVISION, INSP	PECTIO	N & OVERHEAD (6.5%)			l		2,734
ENGINEERING DUP	RING CC	ONSTRUCTION (1%)			l		<u>421</u>
TOTAL REQUEST					l		45,221
EQUIPMENT FROM O	TH <u>ER A</u> J	PROPRIATIONS (NON ADD))		l		3,503
10. DESCRIPTION C)F PROF	POSED CONSTRUCTION:					
Construct a multi-story concrete shear walls be veneer or face tile finis concrete walls, gypsur neighborhoods, studio science lab, art room, with Disabilities (PSC with gymnasium, food	y elemen earing or shes. The n board s, learnin music su D) studi l service	tary/middle school composed 1 shallow foundations. Exteri e roof structure will be a conc and metal stud partitions, and 1g hubs, staff collaboration ar lites, occupational therapy/ph o, a commons area, performa , administrative offices, guida	l of cast ior walls crete slal l operabl reas, a ca ysical th nce space nce cou	-in-place s will als b. Interi le/movea areer tec nerapy ((ce, infor- unseling	e concrete s so be cast-in ior construct able partitio chnical educt OT/PT), Pre mation cent center, a sp	slabs on concrete n-place concrete tion will consist on walls. Interior cation lab, comp eschool Services ter, a physical eco pecial education	e columns and/or with brick t of cast in place r spaces include uting center, s for Children ducation area 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.

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.

1. COMPONENT DoDEA		FY 2017 MILITARY CONSTRUCTION PROJECT DATA2. DateFebruary 2016							
3. INSTALLATION AN	D LOCA	TION			4. PROJECT TITL	E:			
USAG KAISERSLA	UTERN,	SEMBACH	KASERNE, GERN	AANY	Sembach Eleme	entary & Middle S	chool Replacement		
5. PROGRAM ELEMEN	ΙT	6. CATEG	ORY CODE	7. PRO	JECT NUMBER	8. PROJECT CC	DST (\$000)		
			73046		EU00039	45	5,221		
The project will require	e demoli	ition of 6 bi	uildings for appro	ximately	y 151,834 SF.				
Host nation requirements will include environmental mitigation/compensation.									
Sustainable principles Executive Order 13123 measures will be incor resource conservation in Energy and Environ	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.								
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.									
Air Conditioning Load	<u>l: 15Ton</u> T: 119.	s 036 SF	ADOT: 00.000	0 SF	S	UBSTD: 151.8.	34 SF		
11. REQUIREMENT: 119,036 SF ADQT: 00,000 SF SUBSTD: 151,834 SF <u>PROJECT:</u> Replace the existing elementary and middle school facilities by constructing a new elementary/middle school facility.									
REQUIREMENT:									
The new school is request population based on 20	uired to p 020 scho	provide ade ool year.	quate academic fa	acilities	for 500 students in	grades Pre-K th	rough 8. School		
CURRENT SITUATIO	<u>ON:</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.									
IMPACT IF NOT PRO	<u> JVIDEE</u>	<u>):</u>							
The continued use of d and will continue to im substandard environme curriculum and provide continue to strain mair	leficient, npair the ent will o e for a santenance	, inadequate overall edu continue to afe facility. capabilitie	e, and undersized acation program f hamper the educa The required ma s and budgets if th	facilitie or studer ational pr aintenan he facilit	s that do not acconnts. If a new facilit rocess and the school ce and repair of exp y is not replaced.	nmodate the curr ty is not provided ool will not be at pired and failing	ent population d, the ble to support the systems will		
ADDITIONAL:									
This project has been c	coordina	ted with the	e installation phys	sical secu	urity plans and all 4	AT/FP measures	are included.		

1. COMPONENT DoDEA		FY 2017 MILITARY CON	STRUC	TION PROJECT I	DATA	2. Date February 2016				
3. INSTALLATION AN	DLOCA	TION		4. PROJECT TITI	LE:					
USAG KAISERSLA	UTERN,	SEMBACH KASERNE, GERM	IANY	Sembach Elem	entary & Middle S	chool Replacement				
5. PROGRAM ELEMEN	NT	6. CATEGORY CODE	7. PRO	JECT NUMBER	8. PROJECT CC	DST (\$000)				
		73046		EU00039	45	5,221				
Economic Alternative	s:									
All known alternatives were considered during the development of this project. No other option could meet the mission requirements; therefore, no economic analysis was needed or performed.										
JOINT USE CERTIFI	CATION	<u>N:</u>								
This facility can be us on DoDEA requirement	ed by otł nts.	her components on an "as ava	uilable"	basis; however, the	e scope of the pro	oject is based				
DoDEA POC (571) 37	72-1405									
12 Supplemental Dat	to:									
Site Approval: Yes	.a.	Obtained Date: July 2015								
No		Expected Date:								
Issues:		-								
 a. DDESAB, AICUA b. Endangered speci c. Air quality: No is d. Cultural/archeolog e. Clearing of trees: f. Known contamina g. Operational probl h. Traffic patterns in i. Existing utilities upower main on sit j. Ordnance sweep response of the system of the system	 Issues: a. DDESAB, AICUZ, Airfield, EMR, or wetlands: No issue b. Endangered species/sensitive habitat: No issue c. Air quality: No issue d. Cultural/archeological resources: No issue e. Clearing of trees: Clearing of trees is required and will require tree replacement f. Known contamination at selected site: No issue g. Operational problems: No issue h. Traffic patterns impact: Relocation of road to maximize site area 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 i. Ordnance sween required prior to construction: No issue 									
Planning: Consistent with Install	lation Ma	aster Plan: Yes								
Host Nation Approval	: Germai	ny, NA								
National Capital Region	on Appro	oval: NA								
NEPA Documentation Level of NEPA: Categ	NEPA Documentation Complete: Not required Level of NEPA: Categorical Exclusion									
Mitigation Issues:										
 a. Wetlands replaced b. Hazardous Waste c. Contaminated soit d. Other – N 	ment/enh – N l/water –	nancement – N · N								

						2.5.			
1. COMPONENT		ΕΥ 2017 ΜΗ ΙΤΑΡΥ CON	STRUC	τιων αρωτρωτι	\ \ T \	2. Date Expression 2016			
DODEA		FI 2017 MILLIANI CON	SINCE	HUNIKUJECII	JAIA	reolucity 2010			
3. INSTALLATION AN	D LOCA	TION		4. PROJECT TITI	LE:				
USAG KAISERSLA	UTERN	SEMRACH KASERNE, GERN	IANY	Sembach Elem	entary & Middle S	chool Replacement			
USAO KAISLINDLA	UTERT,	SEMDACII KASENIL, GENI		Sembaen Erem		cilou Replacement			
5. PROGRAM ELEMEN	T	6. CATEGORY CODE	7. PRC	JECT NUMBER	8. PROJECT CO	DST (\$000)			
		73046		ET100030	1	5 221			
		/ 3040		E000039	·+.	0,221			
 A. Design Data (Estin (1) Status: (a) Design St (b) Parametri (c) Percent of (d) Expected 	nated): art Date c Cost Es f Design 35% Des	stimate Used to Develop Cos Completed as of 1 Jan 2016	ts		FEB	2015 YES 15% 2017			
(e) 100% Des	sign Con	inletion Date			MAY	2017			
(f) Type of D	Design Co	ontract:			Design/Bid/	Build			
\/ / 1					0				
(2) Basis:									
(a) Standard	or Defini	tive Design - (YES/NO)				NO			
(b) Date Desi	gn was N	Most Recently Used				N/A			
(3) Total Design(a) Productio(b) All Other	 (3) Total Design Cost (c)=(a)+(b) OR (d)+(e): (a) Production of Plans and Specifications (b) All Other Design Costs 								
(c) Total Des	ign Cost	(10% of the PA)				5,529			
(d) Contract(60% of th	he 10% in line c) 10% in line c)				3,317			
(e) In-house(e)	40% of u	he 10% in line c)			пп	2,212			
(4) Construction (5) Construction	1 CORITAL	t Award Date			JUL SEPT	2017			
(5) Construction	Comple	alle Ition Date			SEL I MAY	2017			
(0) Construction	Compic				1717 2 1	2017			
B. Equipment associat be populated with the	ted with t numbers	this project which will be pro generated from the O&M Ap	vided fi ppropria Fiscal	om other appropri ated Equipment Es Year	ations: (The tabl timating Sheet.)	e below should			
Equipment		Procuring	Approp	priated	Cost				
<u>Nomenclature</u>		Appropriation	Or Rec	<u>quested</u>	<u>(\$000)</u>				
Furnishings		O&M	202	0	575				
Kitchen		O&M O&M	202	0	5/5 1 245				
Fducation Supplies		$\Omega \& M$	202	0	1,245				
Safety Equipment		O&M	202	0	5				
Security Equipment		O&M	202	0	57				

1. COMPONENT								2. Dat	e		
DoDEA F	Y 2017	MILITA	RY CC	NSTR	UCTIO	N PRO	GRAM	2.24	Februar	y 2016	
3. Installation and Location				4. COMMAND				5. AR	5. AREA CONSTRUC- TION COST INDEX		
Kadena Air Base, Japan				DoDEA				1.	1.77		
6. PERSONNEL STRENGTH	P	ERMANEN	NT	STUDENTS				SUPPORT	ED		
	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	TOTAL	
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 INV	/ENTORY						. 0				
AUTHORIZATION REQUESTED IN	I THIS PRO	GRAM					. 84,91	8			
AUTHORIZATION INCLUDED IN F	OLLOWING	B PROGRA	M				. 0				
PLANNED IN NEXT THREE PROG	RAM YEAR	s					. 0				
REMAINING DEFICIENCY							0				
GRAND TOTAL							. 84,91	8			
8. PROJECTS REQUESTED IN TH	IS PROGR	AM				COS	т	DESIGN			
	PROJECT TITLE			<u>sc</u>	OPE	<u>(\$000</u>))	START	<u>c</u>	COMPLETE	
730787	Kadena Elementary School			140,	542 SF	84,91	8	MAY 2018	5 [DEC 2019	
		cepiaceme									
9. FUTURE PROJECTS											
	OGRAM										
None											
b. PLANNED IN NEXT THREE YE	ARS										
	ary Scho	ої, керіа	cement								
10. MISSION OR MAJOR FUNCTIO	ONS tion										
Milliary Dependent Educa	lion										

1. COMPONENT DoDEA		FY 2017 MILITARY CON	STRUC	TION P	ROJECT D	DATA	2. Date February 2016				
3. INSTALLATION AND	3. INSTALLATION AND LOCATION					4. PROJECT TITLE:					
Kadena Air Base, Japan					lena Elemer	ntary School Repl	acement				
5. PROGRAM ELEMENT		6. CATEGORY CODE	7. PRO	JECT N	UMBER	8. PROJECT C	OST (\$000)				
		730787		PA0003	32	8	4,918				
		9. COST E	STIMA	TES							
		Item		U/M	Quantit	y Unit Cos	t Cost (\$000)				
PRIMARY FACILITIE KADENA ELEMEN SDD AND FEDERA	<u>ES</u> VTARY AL ENI	Y SCHOOL (730787) ERGY ACTS COMPLIANC	E	SF LS	140,542	2 373.67	53,768 52,517 1,251				
SUPPORTING FACILITIESSPECIAL CONSTRUCTION FEATURES (Pile Foundation)CANOPIESELECTRICAL UTILITIESCOMMUNICATION UTILITIESWATER/SEWER/UTILITIESMECHANICAL UTILITIESSITE PREPARATIONROADS, SIDEWALKS AND PARKINGSITE IMPROVEMENTSAT/FPDEMOLITIONLOW IMPACT DEVELOPMENTENVIRONMENTAL MITIGATION				LS LS LS LS LS LS LS LS LS LS	136,155	5 24.24	21,463 7,350 552 1,400 522 468 649 2,110 1,235 2,750 156 3,300 850 121				
ESTIMATED CONTRACT COST CONTINGENCY PERCENT (5%) SUBTOTAL SUPERVISION, INSPECTION & OVERHEAD (6.5%) ENGINEERING DURING CONSTRUCTION (1%) TOTAL REQUEST EQUIPMENT FROM OTHER APPROPRIATIONS (NON ADD)							75,231 <u>3,762</u> 78,993 5,135 <u>790</u> 84,918 4,631				

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 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.

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.

1. COMPONENT DoDEA		FY 2017 MIL	JITARY CON	STRUC	TION PROJECT I	DATA	2. Date February 2016		
3. INSTALLATION AN	D LOCA	TION			4. PROJECT TITL	.E:			
Kadena Air Base, Jap	an				Kadena Elemer	ntary School Repla	cement		
5. PROGRAM ELEMEN	T	6. CATEGORY	CODE	7. PRC	JECT NUMBER	8. PROJECT CO	OST (\$000)		
		7307	87		PA00032	84	4,918		
The project includes re communication, cable	elated int televisio	rastructure such on and electrical	as mechanic to support th	al room e facilit	s and infrastructur	e utilities includ	ng water, sewer,		
The project will require demolition of two buildings for approximately 136,155 SF.									
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.									
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.									
Facilities will be designed in accordance with DoDEA Education Facilities Specifications, Americans with Disabilities Act (ADA) Accessibility Guidelines/Architectural Barriers Act (ABA), National Fire Protection Association (NFPA) Life Safety Code, Standards of Seismic Safety for Federally Owned Buildings, and energy and water conservation standards.									
Air Conditioning Load	l: 500 to:	ns							
11. REQUIREMEN	T: 140,	542 SF	ADQT: 0		S	SUBSTD: 136,1	55 SF		
PROJECT:									
Replace the existing el	ementar	y school facility	by construct	ing a ne	w elementary scho	ool facility.			
REQUIREMENT:									
The new school is requ School population base	uired to p ed on 20	brovide adequate 20 school year p	e academic fa projection.	cilities	for 806 students in	grades PreK thr	ough 5th grade.		
CURRENT SITUATIO	<u> </u>								
The current Kadena El buildings were added i more were provided in repair. The following s windows, roofs, interio partitions/accessories, components and specia program adjacencies, s meet current federal er	ementar n 1960 a 2003. 7 systems or ceiling intercon alties. T sizes, and hergy an	y School is a 13 and 1971. One te The school has a are expired or a g, wall and floor a PA, branch circ he facility does d functionality. T d sustainability a	6,155 SF fact emporary mode poor facility re failing and finishes, inter cuits, emerge not meet the The facility d mandates.	ility that dular cla conditi l in need erior and ency ligh DoDEA oes not	t was originally co assroom building v on rating; it is mor l of replacement: e l exterior doors, ca ats, exit lights, as v a's Education Facil meet current AT/F	nstructed in 1955 was provided in 1 re economical to xterior finishes, sework, plumbir vell as other buil- ities Specificatio P, ADA, and NF	5. Additional 999 and two replace than to exterior og fixtures, toilet ding system ons to include PA and does not		

IMPACT IF NOT PROVIDED:

The continued use of deficient, inadequate, and undersized facilities that do not accommodate the current student population will continue to impair the overall education program for students. If a new facility is not provided, the substandard environment will continue to hamper the educational process and the school will not be able to support the

1. COMPONENT		EV 2017 MILITADY CON	ISTRUC	TION BROLECT I	м <i>т</i> м	2. Date			
DODEA		FY 2017 MILITARY COM	SIRUC	TION PROJECT L		reducing 2010			
3. INSTALLATION AND I Kadena Air Base, Japan	LOCA	HON		4. PROJECT TITLE: Kadena Elementary School Replacement					
5. PROGRAM ELEMENT		6. CATEGORY CODE	7. PRC	JECT NUMBER	8. PROJECT CO	DST (\$000)			
		730787		PA00032	84	4,918			
curriculum and provide for a safe facility. The required maintenance and repair of expired and failing systems will continue to strain maintenance capabilities and budgets if the facility is not replaced.									
ADDITIONAL:									
This project has been coo	ordina	ted with the installation phys	sical secu	urity plans and all .	AT/FP measures	are included.			
Economic Alternatives:									
All known alternatives w requirements; therefore, n	vere co no eco	nsidered during the develop nomic analysis was needed	ment of or perfor	this project. No ot med.	her option could	meet the mission			
JOINT USE CERTIFICA	ATION	<u>1:</u>							
This facility can be used by other components on an "as available" basis; however, the scope of the project is based on DoDEA requirements.									
DoDEA POC (571) 372-1405									
12. Supplemental Data:									
Site Approval: Yes	X	Obtained Date: Jan 2013							
No		Expected Date:							
Issues:									
a. DDESB, AICUZ, Aib. Endangered species/	irfield /sensiti	, EMR, or wetlands: No Issu ive habitat: No Issue	e						
c. Air quality: No Issued. Cultural/archeologic	e cal reso	ources: Possible Issue during	constru	ction; cultural asse	t monitoring is r	equired due to			
host nation sensitivit	ties, to	handle any asset that is disc	overed o	luring site disturbi	ng activities.				
f. Known contaminatio	on at s	elected site: No Issue							
g. Operational problemh. Traffic patterns impation	is: No act: No	Issue							
i. Existing utilities upg	grade:	No Issue prior to construction: No Issue	16						
j. Oranance sweep req	lanca		ae						
Consistent with Installati	ion Ma	aster Plan: Yes							
Host Nation Approval: N	Host Nation Approval: N/A								
National Capital Region Approval: N/A									
NEPA Documentation C Level of NEPA: N/A	omple	te: not required							

1. COMPONENT DoDEA	FY 2017 MILITARY	CONSTRUCTION PROJE	CT DATA	2. Date February 2016						
3. INSTALLATION AND I	LOCATION	4. PROJECT	TITLE:	1						
Kadena Air Base, Japan		Kadena E	lementary School Repl	acement						
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBE	R 8. PROJECT C	OST (\$000)						
	730787	PA00032	8	4,918						
Mitigation Issues:										
 a. Wetlands replacement/enhancement – N 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. c. Contaminated soil/water – N d. Other – N 										
A. Design Data (Estimated):MAY 2015(1) Status:MAY 2015(a) Design Start DateMAY 2015(b) Parametric Cost Estimate Used to Develop CostsYes(c) Percent of Design Completed as of 1 Jan 201615%(d) Expected 35% Design DateFEB 2016(e) 100% Design Completion DateFEB 2017(f) Type of Design Contract:Design/Bid/Build										
(2) Basis:(a) Standard or I(b) Date Design	Definitive Design - (YES/NO was Most Recently Used)		NO N/A						
 (3) Total Design C. (a) Production o (b) All Other Design (c) Total Design (d) Contract (e) In-house (4) Construction Co (5) Construction St (6) Construction Co 	 (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 (d) Contract (e) In-house (f) Construction Contract Award Date (f) Construction Start Date (g) Construction Completion Date (h) Construction Completion Date 									
B. Equipment associated	with this project which will b	be provided from other appr	ropriations:							
Equipment <u>Nomenclature</u> Furnishings Kitchen IT Education Supplies Safety Equipment Security Equipment	Procuring <u>Appropriation</u> O&M O&M O&M O&M O&M O&M O&M	Fiscal Year Appropriated Or Requested 2019 2019 2019 2019 2019 2019 2019	Cost (\$000) 927 605 1462 1540 5 92							

1. COMPONENT							2. Date	Э		
DoDEA	FY 2017 MILITA	RY CON	ISTRU		N PRO	GRAM		February 2016		
3. Installation and Location			4. COMM	ND			5. ARE	A CONST	RUC-	
RAF Croughton, United King	gdom		DoDE	Ā			TIO 1.1	N COST I 11	NDEX	
6. PERSONNEL STRENGTH	PERMANEN	т	STUDENTS				SUPPORTE	D		
	OFFICER ENLISTED	CIVILIAN	DFFICER E	NLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	TOTAL	
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									
CATEGORY			800		COS	T	DESIGN		STATUS	
	PROJECT III		300	<u>-c</u>	<u>(3000</u>	<u>n</u>	START		OMPLETE	
730787	Croughton Elementar High School Repla	y, Middle, cement	151,27	1 SF	71,42	4	FEB 15	Γ	MAY 2020	
9. FUTURE PROJECTS										
a. INCLUDED IN FOLLOWING F None b. PLANNED IN NEXT THREE Y None	ROGRAM									
10. MISSION OR MAJOR FUNCT	IONS									
Military Dependent Educ	ation									

1. COMPONENT DoDEA		FY 2017 MILITARY CONS	STRUC	TION PI	ROJECT D	АТА	2. Date February 2016	
3. INSTALLATION AN	TION		4. PROJECT TITLE:					
RAF Croughton, Un	ited King	dom		Cro Rep	ughton Elen lacement	nentary, Middle, H	ligh School	
5. PROGRAM ELEMEN	ЛТ	6. CATEGORY CODE	7. PRO	JECT N	UMBER	8. PROJECT CC	OST (\$000)	
		730787		EU0010	01	71	,424	
		9. COST ES	STIMA	TES				
		Item		U/M	Quantit	y Unit Cost	Cost (\$000)	
PRIMARY FACILITIES CROUGHTON ELEMENTARY SCHOOL (730-787) CROUGHTON MIDDLE & HIGH SCHOOL (730-787) SDD AND FEDERAL ENERGY ACTS COMPLIANCE					46,854 104,417	292.07 7 294.16	47,432 13,685 30,715 3,032	
SUPPORTING FACILITIES CANOPIES ELECTRICAL/GAS UTILITIES COMMUNICATION UTILITIES WATER/SEWER/UTILITIES (Includes storm drainage) MECHANICAL UTILITIES SITE PREPARATION ROADS, SIDEWALKS AND PARKING SITE IMPROVEMENTS AT/FP LOW IMPACT DEVELOPMENT				LS LS LS LS LS LS LS LS LS			13,680 567 712 255 1,300 1,200 350 2,311 6,200 284 501	
ESTIMATED CONTR CONTINGENCY PER SUBTOTAL SUPERVISION, INSE DESIGN/BUILD (4% ENGINEERING DUR TOTAL REQUEST EQUIPMENT FROM O 10. DESCRIPTION C	RACT CO RCENT (PECTION) RING CO THER AF	OST (5%) N & OVERHEAD (6.5%) DNSTRUCTION (1%) PPROPRIATIONS (NON ADD) POSED CONSTRUCTION:					61,112 3,056 64,168 4,171 2,444 <u>641</u> 71,424 3,712	

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.

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.

The project will require no demolition of any existing buildings.

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

1. COMPONENT DoDEA		FY 2017 MILITARY CON	STRUC	TION PROJECT D	ATA	2. Date February 2016			
3. INSTALLATION AN	D LOCA	TION		4. PROJECT TITL	E:				
RAF Croughton, Un	ited King	dom		Croughton Eler Replacement	nentary, Middle, I	High School			
5. PROGRAM ELEMEN	NT	6. CATEGORY CODE	7. PRC	JECT NUMBER	8. PROJECT CO	DST (\$000)			
		730787		EU00101	7	1,424			
 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. 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. 									
Air Conditioning Load	1. 0 Tons	,,							
	TT 151 2		7		STIBSTD: 88 3	70 SE			
DROIECT.	(1 151,2	ADQ1.03			SUBSID: 88,5	// 51			
<u>FROJECT.</u>			1.6 11.						
This project construct	s a new e	lementary/middle/high schoo	ol facilit	у.					
<u>REQUIREMENT:</u>									
The new school is req School population bas	uired to j ed on 20	provide adequate academic fa 20 school year.	cilities	for 468 students in	grades K throug	gh 12 levels.			
CURRENT SITUATI	<u>ON:</u>								
The current Croughton has a poor facility com or are failing and in ne facilities. The facility curriculum and educat and NFPA standards a	n Elemen dition ra eed of rep does no ional obj and does	tary School is an 88,379 SF ting; it is more economical to placement; ventilation system it meet the DoDEA's Educati fectives. The facility does not not meet current federal ener	facility (replace is, electron on Facility meet con gy and s	that was originally than to repair. The rical wiring, plumb lities Specification urrent antiterrorism sustainability mand	constructed in 1 e following syste bing, heating, CC s to include 21 st n/force protectio lates.	985. The school ems are expired TV and parking Century n (AT/FP), ADA			
IMPACT IF NOT PR	OVIDED) <u>.</u>							
The continued use of a population and will co substandard environm curriculum and provid continue to strain main	deficient, ontinue to ent will o le for a sa ntenance	inadequate, and undersized impair the overall education continue to hamper the educa afe facility. The required ma capabilities and budgets if th	facilities progran tional p intenan e facilit	s that do not accom m for students. If a rocess and the scho ce and repair of ex y is not replaced.	amodate the curr a new facility is bol will not be al pired and failing	ent student not provided, the ble to support the systems will			
ADDITIONAL:									
This project has been	coordina	ted with the installation phys	ical secu	urity plans and all A	AT/FP measures	are included.			
Economic Alternative	Economic Alternatives:								
All known alternatives requirements; therefor	s were co e, no eco	onsidered during the develop onomic analysis was needed o	nent of or perfor	this project. No ot med.	her option could	meet the mission			
JOINT USE CERTIFI	CATION	<u>J:</u>							
DD Form 1391, 1 Dec 7	6	Previous Editions May	Be Used	Until Exhausted.		86			

1. COMPONENT DoDEA	FY 2017 MILITARY CON	STRUC	FION PROJECT D	PATA	2. Date February 2016
3 INSTALLATION AND LO	CATION		4 PROJECT TITI	<u>F</u> .	
RAF Croughton, United K	ingdom		Croughton Eler Replacement	nentary, Middle, F	High School
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PRO	JECT NUMBER	8. PROJECT CO	DST (\$000)
	730787		EU00101	7	1,424
This facility can be used by on DoDEA requirements.	other components on an "as ava	ailable"	basis; however, the	e scope of the pro	oject is based
DoDEA POC (571) 372-14	05				
12. Supplemental Data:					
Site Approval: Yes X	Obtained Date: Nov 2012				
No Issues: (state no issue or BF	Expected Date: RIEFLY explain the issue below	?)			
 a. DDESAB, AICUZ, Ain b. Endangered species/set c. Air quality: No Issue d. Cultural/archeological e. Clearing of trees: No Is f. Known contamination g. Operational problems: h. Traffic patterns impact i. Existing utilities upgradies j. Ordnance sweep require Planning: Consistent with Installation Host Nation Approval: N/A National Capital Region Approval of NEPA Documentation Complexed of NEPA: Categorica 	rfield, EMR, or wetlands: No Iss nsitive habitat: No Issue resources: No Issue ssue at selected site: No Issue No Issue : No Issue de: No Issue ed prior to construction: No Issu Master Plan: Yes pproval: N/A pplete: Not required I Exclusion	ue			
Mitigation Issues:					
 a. Wetlands replacement/ b. Hazardous Waste - N c. Contaminated soil/wate d. Other - N 	enhancement – N er – N				
 A. Design Data (Estimated (1) Status: (a) Design Start Data (b) Parametric Cost (c) Percent of Design (d) Expected 35% (e) 100% Design Cast (f) Type of Design (2) Basis:): ate at Estimate Used to Develop Cos ign Completed as of 1 Jan 2016 Design Date Completion Date a Contract:	sts		Feb 201 YES 15% Nov 20 May 20 Design/	.5 916 918 'Build

1. COMPONENT DoDEA	FY 2017 MILITAI	RY CONSTRUCTION PROJE	JCTION PROJECT DATA 2. Date February 2				
3. INSTALLATION AND	LOCATION	4. PROJECT	TITLE:				
RAF Croughton, Unite	ed Kingdom	Croughto Replacen	n Elementary, Middle nent	, High School			
5. PROGRAM ELEMENT	6. CATEGORY COE	DE 7. PROJECT NUMB	ER 8. PROJECT	OJECT COST (\$000)			
	730787	EU00101		71,424			
(a) Standard or(b) Date Design	Definitive Design - (YES/I n was Most Recently Used	NO)		NO N/A			
 (3) Total Design ((a) Production (b) All Other D (c) Total Desig (d) Contract (6) (e) In-house (4) (4) Construction ((5) Construction ((6) Construction (Cost (c)=(a)+(b) OR (d)+(e) of Plans and Specifications Design Costs In Cost (10% of the PA) 0% of the 10% in line c) 0% of the 10% in line c) Contract Award Date Start Date Completion Date	:	Ju Au Ma	4,781 2,869 1,912 in 2017 ig 2017 ay 2020			
B. Equipment associated	d with this project which wi	ll be provided from other app Fiscal Year	propriations:				
Equipment	Procuring	Appropriated	Cost				
Nomenclature	Appropriation	Or Requested	<u>(\$000)</u>				
Furnishings	O&M	2020	1,119				
Kitchen	O&M	2020	562				
	O&M	2020	901				
Education Supplies	O&M	2020	1,019				
Safety Equipment	O&M O&M	2020	53 53				

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

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

1. COMPONENT	E	/ 2017 M		CONST				· ^	2. DATE	0.01.6
MDA	F			CONST	RUCTIO		A	Feb 2016		
3. INSTALLATION AND LOC	ATION				4. COMMAN	D		5. AREA CONSTR.		
Clear AFS, Alask		Missile	Defens	se Ager	су	2	.44			
6. PERSONNEL	F	PERMANEN	Г		STUDENTS	5		SUPPORTE	D	
STRENGTH:	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	TOTAL
N/A: Tenant of U.S. Air Force										
		1	7. IN		DATA (\$000)		1		1	
			/							
A. TOTAL ACERAGE							N/Z	Α		
B. INVENTORY TOTAL AS C)F						N/Z	A		
C. AUTHORIZATION NOT YE	ET IN INVEN	TORY					0			
D. AUTHORIZATION REQUE	STED IN TH	IE FY2017					1	55,000		
E. AUTHORIZATION REQUE	STED IN TH	IE FY2018					0			
F. PLANNED IN NEXT THRE	E PROGRA	M YEARS					1	50,000		
G. REMAINING DEFICIENCY	(0			
H. GRAND TOTAL.							3	05,000		
CATEGORY CODE PRO 1413 Lony Sys	IN THE FY2 JECT TITLE g Range tem Comp	Discrim	ination ase 1	Radar	SCOPE 1 EA	CC (\$0 155	9ST 900) 5,000	DESIGN START Jan 15	STATUS COMPLETE Sep 16	Ξ
9. FUTURE PROJECTS:										
CATEGORY CODE PI	ROJECT TIT	ΊΕ					SCOPE	(\$000)	COST	
8111 L	ong Rang Complex,	ge Discr Phase 1	iminati 2	on Rada	ır System	m	1 EA	(+)	<u>150,00</u>	0
								Total:	150,00	00
10. MISSION OR MAJOR FU field an integrate States, our deploy missiles in all pr for deployment of improve lethal ob Pacific theater.	NCTIONS: ed, laye red forc nases of a new m ject dis	The mis red Ball es, all flight idcourse crimina	sion of listic I ies, and . The I e track: tion cap	the Mi Missile d frien Long Ra ing rad pabilit	ssile De Defense ds again nge Disc ar that ies agai	efense A System st all criminat will pr .nst thr	Agency (BMDS) ranges ion Rad ovide p eats to	(MDA) is to def of enem ar proj ersiste the ho	s to deve end the by ballis ect is r ent cover meland f	elop and United stic required rage and from the
11. OUTSTANDING POLLUT		AFETY DEF	ICIENCIES:							
A. Air Pollu	tion:				N	/A				
B. Water pol	lution:	tr and	hool+h		N.	/A / 7				
c. Occupatio	uai Sale	cy and	iieai lii	(050).	IN ,	/ A				

1. COMPONENT									2. DATE	
MDA	F	ONST	RUCT	ION PRO	JECT DA	ТА	Feb	2016		
3. INSTALLATION AND LOCATION4. PROJECTClear AFS, AlaskaLong Ran			TITLE nge D)iscr:	iminati	on Radar	System	Complex,	Phase 1	
8. PROGRAM ELEMENT		6. CATEG	ORY CODE		7. PRC	JECT NUM	BER	8. PROJECT	COST (\$000)	
06048730	2		1413			MDA 6	57		155,000)
				9. COS	T ESTIM	ATES				
	ITEM			U	/M	QU	ANTITY	UNIT	COST	COST \$(000)
PRIMARY FACILIT	IES									75,751
Mission Control	Facilit	y (14139	91)	m2	(SF)	5,574	(60,000) 10,646	(989)	(59,340)
Radar Foundatio	n			I	S					(2,607)
Special Construction			I	S					(9,150)	
Nearfield Antenna (132134)			E	A		2	350	,000	(700)	
Entry Control Facility (730837)			m2	(SF)	102	(1,100) 7,280	(676)	(744)	
Antiterrorism/F	orce Pro	tection		I	S					(2,180)
Security Infras	tructure	/ESS		I	S					(1,030)
SUPPORTING FACI	LITIES									62,857
Electric Servic	е			I	S					(24,491)
Water, Sewer				I	S					(11,179)
Paving, Walks				I	S					(1,137)
Site Imp (11.5M)/ Demo	(1.4M)		I	S					(12,900)
Information/Com	municati	on Syste	ems	I	S					(4,060)
Temporary Infra	structur	e Mob/De	emob	I	S					(9,090)
SUBTOTAL										138,608
CONTINGENCY (5.00%)									6,931	
TOTAL CONTRACT COST									145,539	
SIOH (6.50%)									9,461	
TOTAL REQUEST										155,000
TOTAL ROUNDED R	EQUEST									155,000
INSTALLED EQUIP	MENT-OTH	ER APPRO)P							(893,728)

10. DESCRIPTION OF PROPOSED CONSTRUCTION: 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.

3. INSTALLATION AND LOCATION

Clear AFS, Alaska

4. PROJECT TITLE 5. PROJECT NUMBER								
Long Range Discrimination Radar System Complex, Phase 1	MDA 657							
11. REQUIRED: 1 EA Complex ADEQUATE: NONE	SUBSTANDARD: NONE							
DPOIECT: Construct a new Long Bange Diggrimination Radar System	m Complex at Clear AFC							

<u>PROJECT</u>: Construct a new Long Range Discrimination Radar System Complex at Clear AFS, Alaska. (New Mission)

<u>REQUIREMENT</u>: This project is required for deployment of a new midcourse sensor that will provide midcourse Ballistic Missile Defense System (BMDS) discrimination capability to defend the United States from ballistic missile attacks and meet the 2020 MDA Enhanced Homeland Defense Capability. When complete, this radar will function as part of the BMDS and be functionally capable through the MDA Command, Control, Battle Management and Communications (C2BMC) system. Construction is planned to allow radar prime contractor integration in 2019. In addition, Air Force Space Command envisions using LRDR's inherent space situational awareness capabilities to augment the Space Surveillance Network.

<u>CURRENT SITUATION</u>: There are no existing facilities that can be modified to house a new midcourse sensor. The new LRDR complex will expand radar coverage and increase the level of sophistication in radar discrimination beyond what is currently available to support the BMDS.

<u>IMPACT IF NOT PROVIDED</u>: If this project is not provided, enhanced midcourse sensor discrimination capability will not be deployed and the BMDS will be less capable against expected threats in 2020 and beyond.

<u>ADDITIONAL INFORMATION</u>: As applicable, 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 project is being coordinated with the Installation Master Plan.

Research, Development, Test & Evaluation (RDT&E) funds are programmed to provide security control and a temporary man camp to support lodging and dining in support of site activation. In addition, an RDT&E effort will demilitarize and remove the remaining BMEWS AN/FPS-50 detection radar fixed antenna, transmitter equipment, and two tracking radars.

The Radar structure, enclosure, and associated equipment will be provided with other appropriations by the radar prime contractor.

A follow-on Phase 2 project is planned to construct a mission power plant, diesel fuel storage and load/unload point, an on-site maintenance facility, and associated site support. Portions of the Mission Facilities must be HEMP protected in accordance with MIL-STD-188-125 "High Altitude Electromagnetic Pulse (HEMP) Protection".

This project has been evaluated for compliance with Executive Orders 11988 Flood Plain Management and 11990 Protection of Wetlands and the Flood Plain Management Guidelines of U.S. Water Resources Council. The project is not sited in the 100-year flood plain and will be sited to preserve and enhance the natural and beneficial values of wetlands; and minimize the destruction, loss or degradation of wetlands.

Cost estimates were derived from the LRDR System Complex 35% design.

3. INSTALLATION AND LOCATION Clear AFS, Alaska

4. PROJECT TITLE 5. PROJECT NUMBER						
Long Range Discrimination Radar System Complex, Phase 1	MDA 657					
12. SUPPLEMENTAL DATA:	•					
A. Estimated Design Data						
(1) Status:	- 0015					
(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





1. COMPONENT	F	Y 2017 M		CONST	RUCTIO			Δ	2. DATE	2016		
MDA	•									2010		
3. INSTALLATION AND LOO		4. COMMAN	ID		5. AREA CONSTR.							
Fort Greely, Ala		Missile	e Defens	se Agen	су	2	.45					
6. PERSONNEL	F	PERMANEN	Т		STUDENTS	6	Ş	SUPPORTE	D			
STRENGTH:	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	TOTAL		
N/A: Tenant of U.S. Army												
7. INVENTORY DATA (\$000)												
7. INVENTORT DATA (\$000)												
A. TOTAL ACERAGE							N/A	ł				
B. INVENTORY TOTAL AS	OF						N/Z	7				
C. AUTHORIZATION NOT Y	ΈΤ IN INVEN	ITORY					0					
D. AUTHORIZATION REQU	ESTED IN TH	IE FY2017					9	,560				
E. AUTHORIZATION REQU	ESTED IN TH	IE FY2018					0					
F. PLANNED IN NEXT THR	EE PROGRA	M YEARS					0					
G. REMAINING DEFICIENCY 0												
H. GRAND TOTAL.							9,	560				
8. PROJECTS REQUESTED	O IN THE FY2	2017 PROGE	RAM:			CO	ST	DESIGN	STATUS			
CODE PRO			-		SCOPE	(\$0	00)	START	COMPLETE	E		
89113 Mis Swi	tchgear	Facility	y Y		1,400 SI	F 9,5	60	JUL 15	Sep 16			
9. FUTURE PROJECTS:												
CATEGORY						со	ST					
CODE F	PROJECT TIT	LE		SCO	PE	(\$0	00)					
		The mie	aton of	the Mi		oforgo 1	accorder (to dom	alan and		
10. MISSION OR MAJOR F field an integrat	UNCTIONS: ed, laye	red Bal	listic I	Missile	Defense	elense A e System	(BMDS)	to def	end the	United		
States, our deplo	yed forc	es, all	ies, and	d friend	ds agair aar faci	nst all :	ranges	of enem	y ballis	stic		
the Ground-Based	Midcours	e Defen	se Syste	em with	increas	sed capa	bilitie	s for h	omeland	defense.		
This project cons	tructs a	shield	ed Swite	chgear :	Facility	y provid	ing red	undant	switchge	ear units		
reliability, availability, and maintainability (RAM) requirements.												
11. OUTSTANDING POLLU	TION AND S	AFETY DEF	ICIENCIES:									
A. Air Pollu	ution:				Ν	/A						
B. Water po	llution:			(0.07-)	Ν	/A						
C. Occupatio	onal safe	ety and	health	(OSH):	Ν	/ A						

DD FORM 1390										
1. COMPONENT									2. DATE	
MDA	FY 2017 MILITARY CONSTRUCTION PROJECT DATAFeb 2016									2016
3. INSTALLATION AND	LOCATION		4. PROJEC	T TITLE						
Fort Greely,	Alaska		Missil	e Defe	ense (Complex	Switchg	ear Faci	lity	
8. PROGRAM ELEMEN	Т	6. CATEO	ORY CODE		7. PRC	JECT NUM	BER	8. PROJE	CT COST (\$000)	1
06038820	С		89113			MDA	653		9,560	
				9. CO	ST ESTIN	IATES				
	ITEM			U/I	N	QU	ANTITY	UNI	T COST	COST \$(000)
PRIMARY FACILI	FIES									7,590
Switchgear Faci	ility (89	113)		m2	(SF)	130	(1,400)	31,831	(2,956)	(4,138)
Electrical Switching Station (81350)			KA	7	12	2.47	151	L,083	(1,884)	
Special Construction			LS	5					(914)	
Switchgear Pad (85225)			m3	(CY)	77	(100)	263	(480)	(48)	
Transformer (81360)			KV		12.47		2	244	(366)	
Security Fence	/Force Pr	rotectio	on/ESS	LS	5					(240)
SUPPORTING FAC	ILITIES									959
Electrical				LS	5					(675)
Water, Sewer, O	Gas			LS						(5)
Paving, Walks				LS						(50)
Mob / Demob				LS	5					(200)
Site Improvemen	nts / Dem	10		LS	5					(20)
Information/Com	nmunicati	on Syst	ems	LS	5					(9)
SUBTOTAL										8,549
CONTINGENCY (5.00%)									427	
TOTAL CONTRACT COST									8,976	
SIOH (6.50%)									583	
TOTAL REQUEST										9,560
TOTAL REQUEST F	ROUNDED									9,560
INSTALLED EQUIE	PMENT-OTH	IER APPF	ROP							(100)

10. DESCRIPTION OF PROPOSED CONSTRUCTION: 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).

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.

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.

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.

DD FORM 1391

1. COMPONENT MDA

3. INSTALLATION AND LOCATION Fort Greely, Alaska

4. PROJECT TITLE 5. PROJECT NUMBER							
Missile Def	ense Complex Switchgear	Facility		MDA 6	553		
11. REQUIRED:	1,400 SF	ADEQUATE:	NONE	SUBSTANDARD:	NONE		

PROJECT: Construct a shielded Switchgear Facility, associated electrical infrastructure upgrades, and supporting facilities. (Current Mission)

REQUIREMENT: This 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. The redundant switchgear units will support the two existing IDT units on the Missile Defense Complex (MDC) at Fort Greely, Alaska. The shielded Switchgear Facility and site electrical infrastructure upgrades will contribute to the end-to-end protection of the mission assets on the MDC.

CURRENT SITUATION: The lack of this new shielded switchgear for the IDT units limits improvements to the mission readiness and capability of the Ground-Based Midcourse System to perform missile defense operations.

IMPACT IF NOT PROVIDED: Planned enhancements for the shielded protection of the Ballistic Missile Defense System will not be available for our Nation's homeland defense.

ADDITIONAL INFORMATION: This project is being coordinated with the appropriate physical security plans and includes required physical security and/or combating terrorism measures. All required NEPA and/or EO 12114 analyses will be completed prior to the start of construction. The project has been coordinated with the Installation Master Plan, and will be located on the Missile Defense Complex.

This project has been evaluated for compliance with Executive Orders 11988 Flood Plain Management and 11990 Protection of Wetlands and the Flood Plain Management Guidelines of U.S. Water Resources Council. The project has been sited to manage 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.

The Switchgear Facility is an uninhabited space; and therefore exempt from Americans with Disabilities Act and Leadership in Energy and Environmental Design requirements.

FY 2017 MILITARY CONSTRUCTION PROJECT DATA

3. INSTALLATION AND LOCATION Fort Greely, Alaska

4. PROJECT TITLE	5. PROJECT NUMBER
Missile Defense Complex Switchgear Facility	MDA 653
12. SUPPLEMENTAL DATA:	
A. Estimated Design Data	
(1) Status:	
(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
(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	519
(b) All Other Design Costs	346
(c) Total Design Costs	865
(d) Contract	606
(e) In-House	259
(4) Contract Award	Mar 2017
(5) Construction Start	May 2017
(6) Construction Completion	Aug 2019

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

Equipment Nomenclature	Procuring Appropriation	FY Appropriated or Requested	Cost \$(000)
Security Equipment	RDT&E	FY17	100
		Total:	100

DD FORM 1391										
1. COMPONENT	FY 2017 MILITARY CONSTRUCTION PRO.II					CT DAT	Α	2. DATE Feb	2016	
MDA	•••••			100 2010						
3. INSTALLATION AND LOCATION				4. COMMAND				5. AREA CONSTR.		
Wake Island				Missile Defense Agency				2 61		
								-		
6. PERSONNEL	PERMA		STUDENTS	3	SUPPORTE					
STRENGTH:	OFFICER ENLIS	TED CIVILIAN	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	TOTAL	
N/A: Tenant of U.S. Air Force										
		7. IN	VENTORY	DATA (\$000))					
				. ,						
A. TOTAL ACERAGE			N/Z	Į						
B. INVENTORY TOTAL AS C				N/A	Ŧ					
C. AUTHORIZATION NOT YET IN INVENTORY										
D. AUTHORIZATION REQUESTED IN THE FY2017						11	1,670			
E. AUTHORIZATION REQUESTED IN THE FY2018						0				
F. PLANNED IN NEXT THREE PROGRAM YEARS						0				
G. REMAINING DEFICIENC				0						
H. GRAND TOTAL.			11	,670						
8 PROJECTS REQUESTED		OGRAM								
CATEGORY					CO	ST	DESIGN	STATUS	_	
CODE PROJECT TITLE 37110 Test Support Facility				8,200 SI	(\$0) F 11,	00) 670	Oct 15	Oct 16	=	
		-								
9. FUTURE PROJECTS:										
CATEGORY					COST					
CODE P	CODE PROJECT TITLE S				OPE (\$000)					
10. MISSION OR MAJOR FUN	CTIONS: The m	ission of	the Mis	sile Def	Eense Ag	ency (M	DA) is	to devel	op and	
field an integrated	, layered Ba	llistic Mi	ssile I	Defense	System (BMDS) t	o defen	d the U	nited	
missiles in all pha	ses of fligh	it. The Te	st Supp	ort Fac	ility pr	nges of coject i	ls requi	red to a	support	
at least 12 flight	tests planne	d at Wake	Island	through	2024 pe	er the M	IDA Inte	grated I	Master	
Test Plan including	F'I'O-03 E2 W	hich is cu	irrently	/ schedu	led for	4th QTH	R FYI8.			
11. OUTSTANDING POLLU	TION AND SAFETY	DEFICIENCIES:								
A. Air Pollu		Ν	/A							
B. Water pol		Ν	/A							
C. Occupatio	nal safety a	nd health	(OSH):	N	/A					
DD FORM 1390	n								1	
--	--	---------------------------------------	---	--	------------------------------------	--	---	---	--	-----------------------------
1. COMPONENT		2. DATE								
MDA	FY	2017 M	MILITARY CONSTRUCTION PROJECT DATA Feb 2016						2016	
3. INSTALLATION AND	ISTALLATION AND LOCATION 4. PROJECT TITLE									
Wake Island			Test S	upport	Faci	lity				
5. PROGRAM ELEMEN)			
	•	0. OATEC			7.11100			0.11001		,
0603914	C		37110			MDA 6	062		11,670	
				9. COS	T ESTIMA	TES		T		1
	ITEM			U/	М	QI	JANTITY	U	NIT COST	COST \$(000)
PRIMARY FACILIT	<u>ries</u>	20110)		0	(9 - 1)	860	(0,000)	11 001		8,536
Test Support Fa	acility (37110)		m2	(SF)	762	(8,200)	11,20	5 (1,041)	(8,536)
SUPPORTING FAC	LLITIES			- T	a					1,929
Site Electrical	L				5					(003)
Daving Walks					2 C					(222)
Site Improvement	at /Domo			Т	c c					(213)
Information/Con	municati	ons Sva	stems	T.	s s					(174)
Antiterrorism/H	Force Pro	tection	n	т.	S					(58)
	0100 110	0000201	-							10 465
SUBIUIAL CONTINCENCY (F	0081									10,405
	COST									10 988
STOH (6 20%)	0051									682
TOTAL REQUEST										11.670
TOTAL REQUEST F	ROUNDED									11,670
										,
INSTALLED EQUIE	PMENT-OTH	ER APPF	ROP							(500)
10. DESCRIPTION OF F insulated, pre- execution works mechanical-elec lighting, light	10. DESCRIPTION OF PROPOSED CONSTRUCTION: 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.									
access road; pa support backup designed to obt will provide wo	aving and power; a cain LEED ork space	walkwa nd anti Silven for ar	ays; inf terrori Certif pproxima	ormatic sm/forc ication tely 60	n/comm e prot . A/C deplc	unicat: ection is est yed per	ion infras . The const timated at rsonnel du	tructur structe 25 ton ring te	ce; connect ed facility ns. The fac est events.	ions to will be ility
11. REQUIRED: 8,2	200 SF		ADE	QUATE:	NONE			SUBST	'ANDARD:	7,100 SF
PROJECT: Constr System test mis	ruct a ne ssions. (w test Current	support Missio	facili n)	ty on	Wake I:	sland for 1	Ballist	ic Missile	Defense
PROJECT: Construct a new test support facility on Wake Island for Ballistic Missile Defense System test missions. (Current Mission) REQUIREMENT: 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										

DD FORM 1391							
1. COMPONENT MDA	FY 2017 MILITARY CONSTRUCTION PROJECT DA	ТА	2. DATE Feb 2016				
3. INSTALLATION AND LOCATION Wake Island							
4. PROJECT TITLE	Facility	5. PROJECT N	NUMBER MDA 662				
iest support	i defifie y		MBR 002				

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.

<u>CURRENT SITUATION</u>: 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.

<u>IMPACT IF NOT PROVIDED</u>: 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.

<u>ADDITIONAL INFORMATION</u>: 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:

DD FORM 1391

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

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.	. PROJECT N	UMBER 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:

	FY							
Equipment Nomenclature	Procuring Appropriation	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)

State/Installation/Project	Authorization <u>Request</u>	Approp. <u>Request</u>	New/ Current <u>Mission</u>	Page <u>No.</u>
Missouri St. Louis				
Next NGA West (N2W) Camp	pus 801	801	С	104
Total	801	801		

1. Component NGA	FY 2017 MILITARY CONSTRUCTION PROJECT DATA2. DateFEB 2016								
3. Installation and L St Louis. MO	ocation	4. Proje Land Ac	ect Title	for Next	NGA V	Vest (N2W) Car	mpus		
				·	-	, , , , , , , , , , , , , , , , , , , ,			
5. Program Element	6. Category Code	7. Proje	ct Numb	er	8. Pr	oject Cost (\$0	000)		
	911-146	[NGA-01	6			801		
		9. Cos	t Estima	ates					
	Item		U/M	Quant	ity	Unit Cost	Cost (\$000)		
Primary Facilities							1		
Land Acquisition (18	2 acres)		AC	182		-	(1)		
Supporting Facilities							0		
<i>Subtotal</i> Contingency (0%)							1		
SUBTOTAL Supervision, Inspectic Total Project Request	n & Overhead						1 800 800		
TOTAL PROJECT CO	JST						801		

10. DESCRIPTION OF PROPOSED CONSTRUCTION: 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.

11. REQUIREMENT: N/A

ADEQUATE: N/A

SUBSTANDARD: N/A

REQUIREMENT: 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.

PROJECT: Acquire 182 acres of land to allow construction of replacement facilities for NGA's St. Louis Second Street compound.

CURRENT SITUATION: 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, *DoD Minimum Anti-Terrorism Standards for Buildings*, 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.

IMPACT IF NOT PROVIDED: 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.

JOINT USE CERTIFICATION: N/A

12. SUPPLEMENTAL DATA:

A. Estimated negotiation date with land option:	Aug 2016
B. Estimated design award date:	Sep 2016
C. Estimated land acquisition date:	Aug 2017
D. Estimated construction start date:	Mar 2018

ADDITIONAL INFORMATION: N/A

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

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

1. COMPONENT NSA/CSS DEFENSE	THE FY 2017 MILITARY CONSTRUCTION PROGRAM								2. DATE February 2016		
										-	
3. INSTALLATION AND LOCATION Ft. George G. Meade.	4. COM	4. COMMAND NSA/CSS								5. AKEA CONSTRUCTION COST INDEX	
Maryland										02	
6. PERSONNEL	PE	RMAMENT	ST	TUDEN'	ГS	SU	PPORT	ED	TO	TAL	
IC Community Installation	OFF	ENL CIV	OFF	ENL	CIV	OFF	ENL	CIV	CLASS	SIFIED	
CLASSIFIED			CLA	2111	ED						
		7	. INVEN	TORY I	DATA (\$	000)			¢0		
A. TOTAL ACREAGE\$0B. INVENTORY TOTAL AS OF\$0C.AUTHORIZED NOT YET IN INVENTORY\$0D. APPROPRIATION REQUESTED IN THIS PROGRAM\$233E. APPROPRIATION INCLUDED IN FOLLOWING PROGRAM\$313F. PLANNED IN NEXT THREE YEARS\$1,0G. PLANNING AND DESIGN COST\$0H. REMAINING DEFICIENCY\$0I. GRAND TOTAL\$1,6							\$0 \$0 \$233,000 \$313,692 \$1,079,26 \$0 \$0 \$1,625,95	0 2			
8. PROJECTS REQUES	TED IN T	THIS PROGRAM	:								
CATEGORY PRO. <u>CODE</u> <u>NUM</u> 81242 3106 14162 3058 14113 TBD	EGORYPROJECTPROJECT TITLECOSTDDENUMBER(\$000)24231067NSAW Campus Feeders, Phase 3 (FY17)\$17,00016230583NSAW Recapitalization Building #2, Increment 2 (FY17)\$195,000113TBDNSAW Access Control Facility (ACF) (FY17)\$21,000						DESIGN <u>START</u> APRIL 2013 MAY 2014 MAY 2016	DESIGN COMPLETE OCT 2015 JAN 2016* FEB 2017*			
9. FUTURE PROJECTS:											
a. INCLUDED IN FOLLOWI	NG PROGR	AM (FY18)									
CATEGORY PRO <u>CODE</u> <u>NUM</u> 14162 3058	EGORY PROJECT PROJECT TITLE DE NUMBER 62 30583 NSAW Recapitalization Building 2, Increment 3 (FY18)							COST (<u>\$000)</u> \$313,692			
b. PLANNED IN NEXT THR	EE YEARS	(FY19 - FY21)									
CATEGORYPROJECTPROJECT TITLECCCODENUMBER(§1416230583NSAW Recapitalization Building 2, Increment 4 (FY19)\$21411332122Access Control Facility (ACF) (FY19)\$31416232546NSAW Recapitalization Building 3, Increment 1 (FY19)\$81318532100NSAW Recapitalization Building 3A, Increment 1, (FY20)\$31416232546NSAW Recapitalization Building 3, Increment 2 (FY20)\$21318532100NSAW Recapitalization Building 3A, Increment 2 (FY21)\$11416232546NSAW Recapitalization Building 3A, Increment 3 (FY21)\$2						COST (\$000) \$238,000 \$38,123 \$83,000 \$39,667 \$299,000 \$142,560 \$238,910					
10. OUTSTANDING POI	LUTION	AND SAFETY D	EFICIEN	NCIES							
A. AIR POLLUTION				0							
B. WATER POLLUTION				0							
C. OCCUPATIONAL SAFET	Y AND HE.	ALTH		0							
<u>Footnote:</u> *RFP Completion date DD FORM 1390, Dec 76											

1. Component FY 2017 MILITARY CONSTRUCTION PROJECT DATA NSA/CSS DEFENSE							2. Date February 2016	
3. Installation and Loca Ft. George G. Meade, M.	ition aryland		4. Pr NSA	roject Title W CAMPUS	FEEDERS PH	IASE 3		
5. Program Element	6. Category Code 81242	7. Project Number 31067	8. Pr	roject Cost (\$	5000) \$17,000	0		
I		9. Cost Esti	mates					
	Item			U/M	Quantity	Unit Cost	Cost	
PRIMARY FACILITII N/A	ES						<u>00,000</u>	
SUPPORTING FACIL	ITIES						<u>14,341</u>	
Electrical Ductbanks Electrical Feeders and Co Existing Feeders Remova Site Work	omponents al			LS LS LS LS			(8,176) (4,754) (472) (939)	
TOTAL CONSTRUCT Contingency (10%) Subtotal SIOH (5.7%) Design During Construct Total Project Cost	TON COST tion (DDC) (Title II S	Services) (2%)					<u>14,341</u> 1,434 <u>15,775</u> 899 316 16,990	
10. DESCRIPTION OF I system comprised of new di feeder splices, will be instal erosion and sediment contro fences, and other site featur the proposed electrical conf will be removed.	TOTAL PROJECT COST ROUNDED17,00010. DESCRIPTION OF PROPOSED CONSTRUCTION: 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.							
11. REQUIREMENT: 13. SUBSTANDARD: 13 ADEQUATE: None	8 KV – 500-750 kcm .8 KV – 350-500 kcm	nil feeders – 6" Condu mil feeders – 3", 4", ar	it nd 5" C	Conduit				
PROJECT: NSAW Campu power feeders.	us Buildings Feeders –	South Campus (Phase 3):	: Const	ruction to repla	ce all existing du	ictbanks and me	dium voltage	
REQUIREMENT: To improve the reliability of the prime and emergency electrical power infrastructure required to support current and future mission needs, the NSAW campus is upgrading its power infrastructure with two new Primary Substations (PSs) and new upgraded Secondary Unit Substations (SUSs) in all of the major NSAW buildings. The new ductbanks will provide larger diameter conduit to accommodate the required larger medium voltage power feeders. The larger feeders, and new ductbanks configuration, load interrupter switches, automatic circuit breaker, and other electrical component; will allow for a complete and flexible distribution while minimizing feeder splices and their associated vulnerabilities.								

1. Component NSA/CSS DEFENSE	FY 2017	MILITARY CONST	RUCTION PROJECT DATA	2. Date February 2016					
3. Installation and Loca Ft. George G. Meade, Ma	ition aryland		4. Project Title NSAW CAMPUS FEEDERS PHASE	Ξ3					
5. Program Element	6. Category Code 81242	7. Project Number 31067	8. Project Cost (\$000) \$17,000						
CURRENT SITUATIO voltage power feeders are larger cable size requireme	N: The existing underg undersized for current a ents.	round electrical ductban nd projected power load	ks and manholes are more than 30 years old s. The existing conduits will not be able to	l, and the medium accommodate the new,					
IMPACT IF NOT PRO from excessive thermal loa power feeders. As power 1 mission. If this project is n	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 D	DATA:								
 Status (a) Design Start: (b) Design Comple (d) Type of Contr 	1. StatusApril 2013(a) Design Start:April 2013(b) Design Complete:October 2015(d) Type of Contract:Design/Bid/Build								
2. Basis(a) Standard of De(b) Where design	finitive Design was most recently used:	N/A							
 3. Total Cost (c) = (a) + (b) (a) Production of p (b) All other design (c) Total design co (d) Contract (e) In house 	or $(d) + (e)$ (\$000) blans and specifications a costs lost $(c) = (a) + (b)$ or (d)	+ (e)	\$1,000 \$0 \$1,000 \$1,000 N/A						
 Construction Contract A Construction Start Date: Construction Completion 	ward: 1 Date:		March 2017 May 2017 November 2018						
Additional Information:									
 Phase 1: NSAW Phase 2: NSAW Phase 3: NSAW 	Campus Buildings Feed Campus Buildings Feed Campus Buildings Feed	ler – North Campus (FY er – Central Campus (FY er – South Campus (FY1	15 - \$54,207) 716 - \$33,745) 7 - \$17,000)						

1. Component	FY 2017	MILITARY CONST	TRUCTION PRO	OJECT DATA	2. Da	nte
3 Installation and Loca	ation		4 Project Title	<u>,</u>	reon	ary 2010
Ft. George G. Meade, M	aryland		NSAW RECAPI	, TALIZATION BU	ILDING #2, IN	CREMENT 2
5. Program Element	6. Category Code 14162	7. Project Number 30583	8. Project Cost	t (\$000) \$782,332	2	
				Appropriated FY	17: \$195,000	
		9. Cost Esti	mates			
	Item		U/M	Quantity	Unit Cost	Cost
PRIMARY FACILITIE NSAW Recapitalization Operations Building Parking Garage Mechanical Plant OMSI Costs Sustainability and EPAc Antiterrorism/Force Pro SUPPORTING FACIL Electrical Service and Ge Water, Chilled Water, Re Paving, Walks, Curbs an Storm Drainage Site Improvements and I Information Systems Dua Antiterrorism/Force Prot Design-Build Design Co	ES Building #2 et05 (2%) tection ITIES eneration eclaimed Water and S d Gutters and Roadw Demolition ctbank ection bost @ 4%	Sewer ays	SF SF LS LS LS LS LS LS LS LS LS LS LS	826,114 1,121,000 72,268	538.02 83.19 726.80	<u>627,951</u> (444,466) (93,260) (52,525) (1,000) (11,850) (24,850) <u>39,053</u> (21,808) (2,628) (5,439) (2,834) (4,255) (1,061) (1,029) <u>27,750</u> <u>694,754</u>
Contingency (5.0%) SUBTOTAL SIOH (5.7%) Design During Construct	ction (1.5%)					34,738 729,491 41,581 10,942 782,015
Total Project Request <u>TOTAL PROJECT CC</u> Equipment from other	D <u>ST</u> appropriations					782,015 <u>782,332</u> 211,582*
*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.

1. Component NSA/CSS DEFENSE	FY 2017	' MILITARY CONST	FRUCTION PROJECT DATA	2. Date February 2016
3. Installation and Loca Ft. George G. Meade, M	ation aryland		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: \$19	5.000
				-,

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

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

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

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

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

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

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

1. Component NSA/CSS DEFENSE	1. Component NSA/CSS DEFENSEFY 2017 MILITARY CONSTRUCTION PROJECT DATA2. Date February 2016						
3. Installation and Loca Ft. George G. Meade, M.	tion aryland		4. Project Title NSAW RECAPITALIZATION BUILDIN	G #2, INCREMENT 2			
5. Program Element	6. Category Code	7. Project Number	8. Project Cost (\$000) 782,332				
	14102	30303	Appropriated FY17: \$	195,000			
11. REQUIREMENT: N Parking Structure ADEQUATE: None SUBSTANDARD: None	ew: Approximately 89	8,382 GSF Operations	Building (and associated mechanical pla	nt) and 1,121,000 SF			
PROJECT: Construct mu	lti-story operations fac	cility and structured par	rking facility (Current Mission).				
REQUIREMENT: This f implement NSA's recapit exceeded their service lif provide the NSA with a f technological requirement	facility is necessary to calization plan. The NS fe and can no longer su lexible building that can the.	provide an environment A recapitalization plan pport the technology re an provide the modern i	t necessary to support mission operation calls for the phased replacement of agin quired for new missions. Additionally, t infrastructure necessary to support curre	s and to further g facilities that have his facility will nt and future			
This facility will incorpo collaboration. Through a achieve both actual and v independent manner and redundancy.	This facility will incorporate new technologies and processes that will generate beneficial synergies through integration and collaboration. Through an open work environment that incorporates scalable, reconfigurable work spaces, missions will be able to achieve both actual and virtual collaboration while maintaining their functional discipline. To meet these demands in a wholly independent manner and with required levels of capacity and reliability, critical infrastructure will be constructed to provide redundancy.						
CURRENT SITUATION centric structure. Netwo environments required for through leased space. He profiles, and power and c	I: Currently, activities rk operations are preve or this initiative. To me owever, these efforts a cooling infrastructure c	in support of both the E ented from realizing the eet the immediate need, re limited by the availal capable of supporting m	DoD and the nation are conducted individual full potential of the collaborative, cohest, existing facilities are being reconfigure bility of facilities with suitable locations ission critical activities.	dually in an NSA- sive work d and supplemented , adequate AT/FP			
IMPACT IF NOT PROV impeding the ability to effect to a second	TDED: If this facility i fectively operate and i	s not funded, NSA will meet its mission.	continue to overburden existing facilitie	es and infrastructure			
ADDITIONAL: The pro- with all required physical protection measures are in Impact Study for the NSJ this project. An economy project to be the only via a controlled access site, co processes at NSA. Escort NSA facilities. Storm was principles, to include Liff project in accordance with be designed and certified version of NSA's, Facilit	ject has been coordinat l security and/or anti-te ncluded. An Environr A campus. Alternative ic analysis has been pro- ble option to satisfy th clearances for personne is are required for posi- ater management to mi- e Cycle cost-effective p th Executive Order 134 to LEED-NC Silver u ies Engineering Desig	ted with the installation errorism measures. All nental Assessment has e methods of meeting re epared for this project a e requirement. Construc- el, labor inefficiencies a tive control of access to itigate environmental in practices, will be integr 423, 10 USC 2802 (c), a nder USGBC LEED v3 n Standards (FEDS).	facilities master plan and physical secur required and anticipated physical securi been completed that leverages the comp quirements have been explored during the and utilized in evaluating this project and ction estimates include costs associated associated with escort requirements, and o primary and secondary utilities, which inpact per EIS requirements are included ated into the design, development, and c and other applicable laws and Executive 3 2009. This project is to be compliant v	tity plan. It complies ty and antiterrorism leted Environmental ne development of l determined this with construction on other daily service other critical . Sustainable onstruction of the Orders. Facility will vith the current			

1. Component NSA/CSS DEFENSE	FY 201	7 MILITARY CONST	TRUCTION PROJECT DATA	2. Date February 2016				
3. Installation and Location Ft. George G. Meade, Maryl	n land		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	5,000				
12. SUPPLEMENTAL DAT	ГА:							
1. Status								
A. Design start dateB. Type of design of	e: contract		May 2014 Design/Build					
2 Basis								
A. Standard or defi	initive design:		No					
B. Where design w	vas most recently us	sed:	N/A					
C. Percentage of de	esign utilizing stand	lard design:	N/A					
3. Total Cost $(C) = (a)$	+ (b) or (d) + (e) (\$	(000)						
(a) Production of	of plans and specs:		\$31,450					
(i) Design B	Build RFP – P&D		\$3,700					
(ii) Design I	Build Design – MII	LCON	\$27,750					
(b) All other de	esign cost:		\$0					
(c) Total design	$n \cot(C) = (a) + (b)$	b) OR $(d) + (e)$:	\$31,450					
(d) Contract Are	chitect-Engineer De	esign Cost, Estimated	\$31,450					
(e) In-house D	esign Cost Plus Ard	chitect Engineer						
Contract Super	rvision and Admini	stration Cost \						
Government F	Forces Design Cost,	Estimated	\$0					
			\$0					
a. Construction Contra	ct Award:		July 2016					
b. Construction Start D	Date (Planned):		Sept. 2016					
c. Construction Comple	etion 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							



1. Component NSA/CSS DEFENSE	1. Component FY 2017 MILITARY CONSTRUCTION PROJECT DATA NSA/CSS DEFENSE FY 2017 MILITARY CONSTRUCTION PROJECT DATA							2. Date February 2016		
3. Installation and Loc FT. George G. Meade, I	ation Marylan	d		4. Project Title Access Control Facility(ACF)						
5. Program Element	6. Cat	egory Code 14113	7. Project Number	8. Project	Cost (\$00	0) \$21,000	\$21,000			
			9. Cost Estimat	e						
		Item			U/M	Quantity	Unit Cost	Cost (\$000)		
PRIMARY FACILITI Vehicle Control Center Electrical System Mechanical System Sustainable Design Anti-Terrrorism/Force F	ES (ACF) I Protectic	^F acility on (AT/FP)			SF LS LS LS LS	10,000 1 1 1 1	396.90	9.369 (3,969) (1,385) (786) (331) (2,898)		
SUPPORTING FACII Site Electrical Site work and improven Demolition		LS LS LS	1 1 1		<u>8,351</u> (1,114) (6,761) (476)					
Design-Build (4%)					LS	1		<u>709</u>		
TOTAL CONSTRUC Contingency (5%) Subtotal SIOH (5.7%) Design During Construc Total Project Cost	FION C	C OST DC) (Title II Se	ervices) (2%)					<u>18,429</u> 921 <u>19,350</u> 1,103 387 20,840		
TOTAL PROJECT CO	OST RO	DUNDED						<u>21,000</u>		
10. DESCRIPTION OF 10,000 gross square fee Criteria (UFC). Require facility will be built on The facility services and The supporting facilities infrastructure for the tel grubbing, cut, fill, gradi include parking for the security personnel. Thi	TPROP(t (GSF) ements f the Nati d system s includ ecommong, and visitors, s projec	DSED CONSTI with the capaci or visitor contro onal Security A ns for electrical e, site preparati unication and the environmental an access contro t also includes	RUCTION: Construct a new ty to support processing of ol includes: waiting area, set agency (NSA), located at Fo mechanical, and fire alarm on, infrastructure improven the physical security system. (sustainable) features. A su rol zone to support security demolition of the existing A	v Access Cont visitors per cri rvice counter, ort George G. N /suppression w hents, utility se Site preparati urface parking vehicles and v .CF.	rol Facilit teria estab break roor Meade, Ma vill be part rvices, per on will in- lot will be ehicles as	y (ACF) of a olished by the n, offices, an aryland (FGC c of this projection rimeter securic clude standa c also part of sociated with	pproximately e Unified Fac ad restrooms. GM). ect. rity measures rd clearing, this project to a shift change	y cilities . The S, S, es of		

11. REQUIREMENT: 10,000 SF. ADEQUATE: 4,300 SF SUBSTANDARD: 4,000 SF

PROJECT: Construct a new ACF and associated facilities to process visitors arriving to the installation.

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.

DD Form 1391, Dec 76

			UNCLASSI	FIED	
1. Component		FY 2017 N	III ITARY CONSTRUC	CTION PROJECT DATA	2. Date
NSA/CSS DEFENSE	ł		ILLIANI CONDINCT		February 2016
3. Installation and Loc	ation		-	4. Project Title	
FT George G. Meade.	Marvlar	nd		Access Control Facility	(ACF)
5 Program Element	6. Cat	egory Code	7 Project Number	8 Project Cost (\$000)	
5. I rogram Element	01 01	14113		0.110μετ ε οστ (φυνυ)	\$21,000
CURRENT SITUATIOn due to mission growth. will not be able to effe	ON: Th . The ex ctively	e NSA campus kisting ACF is process the exp	on Ft Meade has insuffire reaching their maximum pected increase of visitors	cient facilities and requires add capacity for processing visitor requesting and/or requiring ac	ditional area to process visitors s per hour per processor and it ccess to the installation.
IMPACT IF NOT PRO	OVIDEI s the ex	D: If this facilit pected increase	ty is not provided, NSA ved in the amount of visito	will continue to overburden the ors.	existing ACF facility which is
ADDITIONAL: The p with all required physic protection measures ar	project h cal secu e incluc	as been coordi: arity and/or anti led.	nated with the installation i-terrorism measures. All	n facilities master plan and phy l required and anticipated phys	vsical security plan. It complies ical security and antiterrorism
The facility will be des Performance".	signed to	o comply with I	Executive Order 13514 "	Federal Leadership in Environ	mental, Energy and Economic
12. SUPPLEMENTAL I	DATA:				
1. Status					
(a) Design Start(b) Type of Co	t: ontract:			Ma Desi	ay 2016 ign/Build
2. Basis(a) Standard of(b) Where designation	Definit gn was i	ive Design most recently u	ised: N/A		
3. Total Cost (c) = (a)	+ (b) or	r(d) + (e) (\$000)	0)		
(a) Production	n or pia	ns and specifica	ations	¢′	240
(i) Design	l Duiiu i m Ruild	NFF - rad	CON	ም. \$	549 700
(h) All other	design (Design - mile		Ψ \$(0
(c) Total desi	on cost	(c) = (a) + (b) c	or $(d) + (e)$	\$	1 058
(d) Contract	511 C C S C	$(\mathbf{c}) = (\mathbf{a}) \cdot (\mathbf{c})$	JI (u) + (c)	T.	1,000
(i) Desig	n Build	RFP – P&D		\$.	349
(ii) Desiş	en Build	l Design – MIL	.CON	\$	709
(e) In house	5-			\$0)
1. Construction Contra		٩.		M	0017
4. Construction Contra	act Awa	ırd:		IVI	ay 2017
5. Construction Contra	act Start	Date:		Ju	ly 2017
6. Construction Comp	letion E	Date:		De	ec. 2018

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

		New/	_
Authorization <u>Request</u>	Approp. <u>Request</u>	Current <u>Mission</u>	Page <u>No.</u>
47,290	47,290	С	120
47,290	47,290	С	123
20,949	20,949	С	126
15,578	15,578	С	129
44,305	44,305	С	132
ar 4,820	4,820	С	136
30,670	30,670	С	140
10,905	10,905	С	144
21,420	21,420	С	147
23,598	23,598	С	150
		~	
42,823	42,823	С	154
12,602	12,602	С	157
41,294	41,294	С	161
39,466	39,466	С	164
26,710	26,710	С	167
6,261	6,261	С	170
435,981	435,981		
	Authorization Request 47,290 47,290 20,949 15,578 44,305 ar 4,820 30,670 10,905 21,420 23,598 42,823 12,602 41,294 39,466 26,710 6,261 435,981	Authorization RequestApprop. Request47,290 47,290 20,94947,290 20,94915,578 44,30515,578 44,30515,578 44,30515,578 44,305ur4,82030,670 10,905 21,420 23,59830,670 	Authorization RequestApprop. RequestNew/ Current Mission $47,290$ $47,290$ $20,949$ $47,290$ $20,949$ C $15,578$ $44,305$ $15,578$ $44,305$ Cur $4,820$ C $30,670$ $10,905$ $21,420$ $23,598$ C $42,823$ $12,602$ $23,598$ C $41,294$ $39,466$ $26,710$ $6,261$ $26,710$ $26,710$ C C $435,981$ $435,981$ $435,981$

1. COMPONENT	FY 20	017 MI	LITAR	Y CON	ISTRUC	TION P	ROGRA	Μ	2. DATE FEI	B 2016
USSOCOM		4 00								
3. INSTALLATION AND LOCA	NANDLOCATION							5. AREA CONS COST INDE	X	
NAVAL BASE COR CALIFORNIA	CONADO,	N	AVAL	SPECIA	AL WARI	FARE CO	OMMAN	ND		1.15
6. PERSONNEL STRENGTH	PER	RMANENT			STUDENTS		S	UPPORTEI)	
	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.	INVENTO	RY DATA (\$	000)				1.005
A. IUIAL AREA (ACRES)	E SED 15									1,907
C AUTHORIZATION NOT VE	T SEP 15	ODV (EV 1	4 16)							228,400
D AUTHORIZATION REQUE	STED IN THIS		4-10)							117,558
E AUTHORIZATION INCLU	STED IN FOLLO	WING PRO	OGRAM (F	FV18)						175,412
E PLANNED IN NEXT THREE	E VEARS (EV 1	(0_21)		110)						256,912
G REMAINING DEFICIENCY		19-21)								120,539
H GRAND TOTAL										145,690
8. PROJECTS REQUESTED IN	N THIS PROGR	AM:								1,046,712
CATEGORY	PROJEC	T TITLE			:	SCOPE		COST (\$000)	DESIC START	GN STATUS COMPLETE
			78.7		0.010 CM	(0C 000 G		(\$000)	10/15	10/17
144 SOF SEAL 144 SOF SEAL	TEAM OPS	FACILII FACILII	Y Y		8,918 SM 8 918 SM	(96,000 SI (96,000 S	F) F)	47,290	12/15	10/17
144 SOF SPECI	AL RECON	TEAM C) NE		3,716 SM	(40,000 S	F)	20,949	12/15	10/17
OPERATIO	NS FACILII	ΓY Mance		NC	2 716 SM	(40,000,61		15 570	12/15	10/17
171 SOF HUMA 171 SOF TRAD	ET ONE OP	ERATIO	I KAINI NS FAC	NG ILITY	5,710 SM 8.362 SM	(40,000 SI (90.000 S	F) F)	44.305	12/15	10/17
9. FUTURE PROJECTS					,	~ /	,	,		
CATEGORY CODE		PROJEC	T TITLE					SCOPE		COST (\$000)
a. Included in Following Progra	am (FY18)	TROJEC	I IIILL					SCOL		(\$000)
140	SOF SEAL	TEAM (OPS FAC	CILITY			8,918	SM (96,	000 SF)	65,624
171	SOF BASIC	C TRAIN	ING CO	MMAND) #1		11,677	SM (125,	700 SF)	55,500
140 144	SOF SEAL	TEAM (JPS FAC	LILITY	NE OPS E	ACII ITY	8,918	SM (96, SM (120)	000 SF) 000 SF)	49,814 45,761
177	#3	5110550					11,140	5141 (120,	500 51)	+5,701
171	SOF BASIC	C TRAIN	ING CO	MMAND	#2		17,746	SM (191,	000 SF)	40,213
B. Planned Next Three Years (F	FY19-21)									
144	SOF NSWO	G-1 OPEI	RATION	S SUPPO	RT FACIL	JTY	4,088 \$	SM (44,	000 SF)	19,254
171	SOF ATC A	APPLIED	INSTR	UCTION	FACILITY	<u> </u>	3,530 S	M (38,	000 SF)	14,932
171	SOF SERE		NG FAC	ILIIY UTV			3,995 S	M (43, M (47)	000 SF)	15,217
1/1 171	SOF ATC I	TEN CI (ISE OU	ARTERS	COMRAT		4,300 S	M (23)	000 SF)	18,408 12 864
1/1	FACILITY		, UV LCC		COMDAT		2,1373	(23,	500 DI)	12,004
173	SOF ATC (OPERAT	IONS SU	JPPORT	FACILITY		3,252 S	M (35,	000 SF)	14,629
c. RPM Backlog: N/A										

.

1. COMPONENT USSOCOM	FY 20 2	17 MILITARY CONSTRUCTION PROGRAM	^{2. DATE} FEB 2016
3. INSTALLATION AND LOCA	ATION	4. COMMAND	5. AREA CONSTRUCTION COST INDEX
NAVAL BASE COR CALIFORNIA	ONADO,	NAVAL SPECIAL WARFARE COMMAND	1.15
10. MISSION OR MAJOR FUN The mission of Naval Base The mission of Naval Spec deploy Naval Special Warf	CTION Coronado is ial Warfare C are Forces to	to arm, repair, provision, service and support the U.S. Pacific Flee command is to organize, man, train, equip, educate, sustain, mainta accomplish Special Operations Missions.	et and other operating forces. ain combat readiness and
11. OUTSTANDING POLLUTIO	ON AND SAFET	Y DEFICIENCIES: N/A	
			119
			11/
	PREV	VIOUS EDITIONS MAY BE USED INTERNALLY	

1. Component	FY201	7 MILITARY CONST	'RUC'	TION	I PROJ	ЕСТ	DATA	2. Date
USSOCOM			<u></u>	4 D			D	FEB 2016
5. Installation and Lo		SOF SEAL TEAM ODS						
NAVAL BASI	E CORON	IADO, CALIFORNIA		SC FA	ACILITY	L IE. Y	AM OPS	
5. Program Element		6. Category Code	7. Proj	ect Nur	mber	8. Pro	oject Cost (\$00)0)
1140494BB		144		P-88	9		47,2	290
		9. COST ES	STIMA	ГES	1		1	
		Item		U/M	Quant	ity	Unit Cost	Cost (\$000)
PRIMARY FACILI	TY							30,540
SEAL TEAM OPS I	FACILITY (CC 143-25) (96,000 SF)		SM	8,91	8	3,140	(28,003)
ANTI-TERRORISM	I/FORCE PR	OTECTION		LS				(546)
BUILT-IN EQUIPM	IENT			LS				(492)
SPECIAL COSTS				LS				(492)
OPERATION AND	MAINTENA	NCE SUPP INFO (OMSI)		LS				(515)
POLICY ACT 2005	ESIGN AND COMPLIAN	DEVELOPMENT AND ENERG	Ϋ́t	LS				(492)
SUPPORTING FAC	CILITIES							10,588
MECHANICAL UT	TILITIES			LS				(615)
PAVING AND SITI	E IMPROVE	MENTS		LS				(4,535)
SITE PREPARATIO	ONS			LS				(2,704)
ELECTRICAL UTI	LITIES			LS				(570)
SPECIAL FOUNDA	TION FEAT	URES		LS				(2.164)
				~				(,_ • • • • ,
ESTIMATED CONT	RACT COST	-						41 128
CONTINGENCY (59	(A)							2 056
CONTINUENCE (57	0)							2,050
SUBTOTAL								/3 18/
SUDEDVISION INS	DECTION A							
SUPER VISION, INS.	FECTION A	$NDOVERHEAD(\mathbf{J}.7\%)$						2,401
SUDTOTAL								15 615
SUBIUIAL	SIGN COST	(40/)						45,645
DESIGN BUILD DE	SIGN COST	(4%)						1,045
TOTAL DECLIERT								
TOTAL REQUEST								47,290
TOTAL REQUEST (ROUNDED)							47,290
EQUIPMENT FROM	I OTHER AP	PROPRIATIONS (NON ADD)	0.010		0 < 0.00 (•1•.	(5,854)
10. Description of P	roposed Cor	struction: Constructs an	8,918	SM (96,000 \$	SF) fa	acility to su	apport SEAL
Team FIVE ope	rations. F	acility will support a vai	riety o	t func	ctions in	cludi	ng operatio	onal gear
storage, applied	1nstruct10	n, administrative, and in	cludes	s both	interior	and	exterior op	erational load
out areas. Proje	ct include	s all pertinent site impro	veme	nts an	d site pr	epara	ations, mec	hanical and
electrical utilitie	es, telecon	munications, pile found	ation,	emer	gency gency	enera	tor, landsca	aping,
irrigation, draina	age, parki	ng and exterior lighting.	Air co	onditio	oning: 6	<u>75 k</u>	W (192 ton	s).
11. Requirement: 8	3,918 SM	(96,000 SF) Adequate: 0	SM	Subst	andard: 3	3,902	SM (42,00	00 SF)
PROJECT: Con	nstructs ar	1 8,918 SM (96,000 SF)	facilit	y to si	upport S	EAL	Team FIV	E operations.
REQUIREMEN	<u>IT:</u> SEAL	. Team FIVE is a maritir	ne mu	lti-pu	rpose fo	orce o	rganized, t	rained, and
equipped to con	duct a var	iety of special missions i	in all (operat	tional en	viror	ments and	threat
conditions inclu	ding coun	ter terrorism, counter pro	olifera	tion,	direct ac	ction	missions, u	unconventional
warfare, security	y force ass	sistance and personnel re	cover	у.				
- Form								
$\mathbf{DD}_{1 \text{ Dec } 76}$	1391							1

1. Component	FY201	7 MILITARY CONST	'RUC'	FION PROJ	ECT DATA	2. Date EEP 2016
USSOCOM	action /IIIC			4 Droiget Title	-	FED 2010
5. Installation and LC	4. Project The					
NAVAL BAS	E CORON	JADO, CALIFORNIA		FACILITY	L TEAM OPS	
5. Program Element		6. Category Code	7. Proj	ect Number	8. Project Cost (\$00	10)
1140494BB		144		P-889	47,2	290
CURRENT SIT 634 (33K SF) au	<u>UATION</u> nd a portic	: SEAL Team FIVE is c on of B-600 (9K SF) on t	urrent	ly accommod ean side of Na	lated in a portion	1 of Building s Base
Coronado that r	neets 44%	of the operational requi	remen	t. CONEX be	oxes and MILV.	ANs support
operational gear	storage.	Building 600 was constr	ucted	in 1958 and u	tility and electri	ical systems
are failing. Cor	nmunicati	ons infrastructure does n	ot sur	port modern	data and inform	ation systems.
Security and an	ti-terrorisr	n/force protection requir	ement	s cannot be m	et in this building	ng. Limited
operational load	l out space	es in the interior and exte	erior of	f these buildir	ngs increases de	ployment
preparation time	e and hind	ers training load-outs an	d day-	to-day operat	ions. Project is	integral to the
phased capital in	mproveme	ents plan at NAB Corona	ido. F	Y18 P-1014 S	SOF Basic Train	ing Command
#2 will demolis	h Building	g 600 and renovate Build	ing 63	84 to meet Na	val Special War	fare Center
Basic Training	Command	requirements.	-		-	
IMPACT IF NO)T PROVI	(DED: If this project is r	not pro	ovided, SEAL	Team FIVE wi	ll continue to
utilize obsolete,	undersize	d and poorly configured	facili	ties. Gear and	d equipment that	t should be
stored in a climate	ate control	lled environment will com	ntinue	to be stored i	n CONEX boxe	s and
MILVANS, deg	grading eq	uipment more rapidly an	d incr	easing lifecyc	ele replacement	costs. Due to
space limitation	s, SEAL 7	Гeam FIVE has split ope	ration	s in two facili	ties to provide a	dditional
operational space	e needed	for mission readiness. T	These f	facilities were	not designed to	meet current
SEAL Team for	ce structu	re and mission requirem	ents a	nd impede day	y-to-day operati	ons and
mission plannin	g. Organi	zational effectiveness, o	perati	onal efficienc	y and quality of	life will
continue to be c	ompromis	sed.				
ADDITIONAL	$\frac{1}{2}$ No life c	cycle costs have been cal	culate	d at this time.	Sustainable en	gineering
principles will b	e integrat	ed into the design, devel	opmei	nt, and constru	uction of the pro	ject in
accordance with	1 Executiv	e Order 13423, Title 10	United	l States Code	(U.S.C.) 2802(a	c), and other
applicable laws	and execu	tive orders. This projec	t is als	o in compliar	ice with current	seismic
requirements. A	Anti-terror	ism/force protection star	idards	will be incor	porated into the	design,
development, an	id constru	ction of this facility in ad	ccorda	ince with Unit	fied Facilities C	riteria (UFC)
04-010-01, DOI	J Minimu	m Anti-Terrorism Stand	ards to	or Buildings d	lated 08 October	2003 and all
applicable upda	tes. Flood	l vulnerability determina	tion to	or Naval Spec	al Warfare Cor	nmand
projects has bee	n accomp	lished by Naval Base Co	oronad	o and is part o	of the project pla	inning
process.		TION. N/A LICCOCO	Mbud	lasts only for	these facilities	manifically for
JOINT USE CE	<u>RTIFICA</u>	<u>TION.</u> N/A. USSUCU	IVI DUC	a military dar	unose facilities s	representative for
SOF use. Collin	non suppo	ort facilities are budgeted	i by th	e mintary dep	artifients. Refe	rence The IO,
12 Sunnlamental	Data					
A. Design I	Data (Estir	mates)				
(1) Stat	us					
(1) Suut (a)]	Date Desig	2n Started			De	c 15
(b)	Percent Co	Somplete as of January 20	16			35%
(c) 1	Date Desig	gn 35% Complete	-		Ja	n 16
(d)	Date Desig	gn 100% Complete			Oc	et 17
(e)]	Parametric	Cost Estimates Used to	Deve	lop Costs		Yes
(-) -			•	r		

1. Component	EX/201					2. Date		
USSOCOM	FY2017 MILITARY CONSTRUCTION PROJECT DATA FE							
3. Installation and Lo	3. Installation and Location/UIC: 4. Project Title							
NAVAL BASE CORONADO, CALIFORNIA SOF SEAL T FACILITY					L TEAM OPS Y			
5. Program Element		6. Category Code	7. Proj	ject Number	8. Project Cost (\$00)0)		
1140494BB		144		P-889	47,	290		
(f) 7	Type of De	esign Contract			 Design F	Build		
(g) J	Energy Sti	udy and Life Cycle Anal	ysis P	erformed	-	No		
(2) Bas	is							
(a) S	Standard o	or Definitive Design User	d			No		
(b)	Where De	sign Was Previously Use	ed		N/A			
(3) Tota	al Cost	-			(\$	000)		
(a) J	Productior	1 of Plans and Specificati	ion		1	,731		
(b) <i>i</i>	All Other !	Design Costs			1	,154		
(c) (c)	Fotal Cost	(a + b or d + e)			2	2,885		
(d) (Contract C	Cost			1	,731		
(e) J	In-House (Zost			1	,154		
(4) Construction Contract Award Date					Ju	n 17		
(5) Construction Start Date Jan 18					ın 18			
(6) Con	struction (Completion Date			Ja	in 20		

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

Equipment	Procuring	FY Appropriated	Cost
Nomenclature	Appropriation	or Requested	<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	FY2017 MILITARY CONSTRUCTION PROJECT DATA 2. Date EEB 2016								
USSOCOM		a Desired Tide							
3. Installation and Location/UIC:				4. Project Title					
NAVAL BASE CORONADO, CALIFORNIA				SOF SEAL TEAM OPS FACILITY					
5. Program Element		6. Category Code	7. Proj	ject Nui	nber	8. Pro	oject Cost (\$00	00)	
1140494BB		144		P-89	0		47,2	290	
		9. COST ES	STIMA'	TES					
		Item		U/M	Quant	ity	Unit Cost	Cost (\$000)	
PRIMARY FACILI	TY							30,540	
SEAL TEAM OPS	FACILITY (O	CC 143-25) (96,000 SF)		SM	8,91	8	3,140	(28,003)	
ANTI-TERRORISM	//FORCE PR	OTECTION		LS				(546)	
BUILT-IN EQUIPM	MENT			LS				(492)	
SPECIAL COSTS				LS				(492)	
OPERATION AND	MAINTENA	ANCE SUPP INFO (OMSI)		LS				(515)	
SUSTAINABLE D	ESIGN AND	DEVELOPMENT AND ENER	GY	LS				(492)	
ACT 2005 COMPLI	ANCE			10				(172)	
SUPPORTING FAC				τc				10,588	
MECHANICAL UI				LS				(615)	
PAVING AND SIT	E IMPROVE	MENTS						(4,535)	
SITE PREPARATIO	UNS							(2,704)	
ELECTRICAL UTI	LITTES							(570)	
SPECIAL FOUND	ATION FEAT	URES		LS				(2,164)	
ESTIMATED CONT	RACT COST	- -						41,128	
CONTINGENCY (5	%)							2,056	
SUBTOTAL								43,184	
SUPERVISION, INS	SPECTION A	ND OVERHEAD (5.7%)						2,461	
SUBTOTAL								45,645	
DESIGN BUILD DE	SIGN COST	(4%)						1,645	
TOTAL REQUEST								47,290	
TOTAL REQUEST	(ROUNDED)							47,290	
EQUIPMENT FROM	1 OTHER AP	PROPRIATIONS (NON ADD)						(6,068)	
10. Description of H	Proposed Con	struction: Constructs an	8,918	SM (9	96,000 S	F) fa	cility to su	pport SEAL	
Team SEVEN of	operations.	Facility will support a	variet	y of fi	unctions	inclu	iding opera	tional gear	
storage, applied	instructio	n, administrative, and in	cludes	s inter	ior oper	ation	al load out	areas. Project	
includes all per	tinent site	improvements and site p	repara	ations	, mechai	nical	and electri	cal utilities,	
telecommunicat	tions, pile	foundation, emergency	genera	tor, la	ndscapi	ng, ii	rigation, d	rainage,	
parking and ext	erior lighti	ing. Air conditioning: 6	75 kW	/ (192	tons).	<u> </u>	- '	<u> </u>	
11. Requirement:	8,918 SN	1 (96,000 SF) Adequate	: 0 SN	/ Su	bstandar	. .	902 SM (4	2,000 SF)	
PROJECT: Constructs an 8.918 SM (96.000 SF) facility to support SEAL Team SEVEN									
operations.									
REOUIREMENT: SEAL Team SEVEN is a maritime multi-purpose force organized trained and									
equipped to con	duct a var	iety of special missions	in all o	operat	tional en	viror	ments and	threat	
conditions inclu	iding coun	ter terrorism. counter pr	olifer	tion	direct ac	ction	missions	inconventional	
warfare, security force assistance and personnel recovery.									

1. Component	FY201	7 MILITARY CONST	RUC	FION PROJ	ЕСТ ДАТА	2. Date			
USSOCOM	OCOM FEB 2016								
3. Installation and Lo	3. Installation and Location/UIC: 4. Project Title								
NAVAL BASE CORONADO, CALIFORNIA SOF SEAL TEAM OPS FACILITY									
5. Program Element	ogram Element 6. Category Code 7. Project Number 8. Project Cost (\$000)								
1140494BB		144		P-890	47.	290			
					,				
CURRENT SIT	<u>UATION</u>	: SEAL Team SEVEN	is curre	ently accomm	nodated in a port	tion of			
Building 634 (3	3K SF) an	d a portion of B-600 (91	KSF)	on the ocean	side of Naval A	mphibious			
Base Coronado	that meets	44% of the operational	requir	ement. CON	EX boxes and M	IILVANs			
support operation	onal gear s	torage. Building 600 w	as con	structed in 19	58 and utility ar	nd electrical			
systems are fail	ing. Com	munications infrastructu	re doe	s not support	modern data an	dinformation			
systems. Secur	ity and ant	1-terrorism/force protect	tion ree	quirements ca	annot be met in t	this building.			
Limited operation	onal load (out spaces in the interior	and e	xterior of the	se buildings inci	reases			
deployment pre	paration ti	me and hinders training	IOAD-C	outs and day-t	$rac{1}{10}$ operation	s. Project is			
Training Comm	nased cap	ltai improvements plan a	11 NAE 0 ord 1	o Corollado.	F I 18 P-1014 St ding 624 to mag	OF Dasic			
Framing Comm	allu #2 WI	acia Training Command	v and i		ung 054 to mee	u Inavai			
IMDACT IF NO	T DDOVI	IDED: If this project is	not pro	wided SEAL	Team SEVEN	will continue			
to utilize obsole	te unders	<u>iDED.</u> If this project is	red fac	vilities Gear a	and equipment the	hat should be			
stored in a clim	ate control	lled environment will co	ntinue	to be stored i	in CONFX boxe	s and			
MILVANS dec	rading eq	uinment more rapidly ar	nd incr	easing lifecy	le renlacement	costs Due to			
snace limitation	s SEAL 7	Leam SEVEN has solit of	nerati	ons in two fac	cilities to provid	e additional			
operational space	re needed	for mission readiness 7	These f	acilities were	not designed to	meet current			
SEAL Team for	ce structu	re and mission requirem	ents a	nd impede da	v-to-day operati	ons and			
mission plannin	g. Organi	zational effectiveness.	peratio	onal efficienc	y and quality of	life will			
continue to be c	ompromis	ed.	peruit		j una quanti or				
ADDITIONAL	: No life o	cvcle costs have been ca	lculate	d at this time	. Sustainable er	ngineering			
principles will b	e integrat	ed into the design, devel	lopmer	nt. and constru	uction of the pro	piect in			
accordance with	n Executiv	e Order 13423, Title 10	United	l States Code	(U.S.C.) 2802(c), and other			
applicable laws	and execu	tive orders. This projec	t is als	o in complia	nce with current	seismic			
requirements. A	Anti-terror	ism/force protection star	ndards	will be incor	porated into the	design,			
development, ai	nd constru	ction of this facility in a	ccorda	nce with Uni	fied Facilities C	riteria (UFC)			
04-010-01, DOI	D Minimu	m Anti-Terrorism Stand	ards fo	or Buildings d	lated 08 Octobe	r 2003 and all			
applicable upda	tes. Flood	l vulnerability determina	ation fo	or Naval Spec	cial Warfare Con	nmand			
projects has bee	n accomp	lished by Naval Base Co	oronad	o and is part o	of the project pla	anning			
process.									
JOINT USE CE	RTIFICA	TION: N/A. USSOCO	M bud	gets only for	those facilities s	specifically for			
SOF use. Com	non suppo	ort facilities are budgeted	d by th	e military de _l	partments. Refe	rence Title 10,			
Section 165.	Section 165.								
12. Supplemental	Data:								
A. Design I	Jata (Estii	nates)							
(1) Status									
(a) Date Design Started Dec 15 (b) Percent Complete as of January 2016 25%									
	Date Doci	mpicie as of January 20	10		Ia	5570 n 16			
	Date Desig	on 100% Complete			Ja	n 10 ct 17			
(u)] (e)]	Date Desig	Cost Estimates Used to	Deve	lon Costs	0	Ves			
	arametric			up Cosis		100			

1. Component	FY201	FY2017 MILITARY CONSTRUCTION PROJECT DATA 2. Date EER 2014						
USSOCOM	M FEB 2010							
3. Installation and Loo	cation/UIC:			4. Project Title				
NAVAL BASE	ECORON	JADO, CALIFORNIA		SOF SEA	L TEAM OPS			
				FACILIT	Y			
5. Program Element		6. Category Code	7. Proj	ject Number	8. Project Cost (\$00)0)		
1140494BB		144		P-890	47,2	290		
(f) T	ype of De	esign Contract			Design F	Build		
(g) E	Energy Stu	udy and Life Cycle Anal	ysis P	erformed		No		
(2) Basi	S							
(a) S	tandard o	r Definitive Design Use	d		No			
(b) V	Where Dea	sign Was Previously Use	ed			N/A		
(3) Tota	l Cost				(\$	000)		
(a) P	roduction	of Plans and Specificati	ion		1	,731		
(b) A	All Other I	Design Costs			1	,154		
(c) T	'otal Cost	(a + b or d + e)			2	,885		
(d) C	Contract C	lost			1	,731		
(e) In	n-House (Cost			1	,154		
(4) Construction Contract Award Date Jun 17					n 17			
(5) Construction Start Date Jan 18					in 18			
(6) Cons	struction (Completion Date			Ja	in 20		

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

Equipment	Procuring	FY Appropriated	Cost
Nomenclature	Appropriation	or Requested	<u>(\$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	FY2017 MILITARY CONSTRUCTION PROJECT DATA 2. Date EEB 2016							
USSOCOM	FEB 2016							
5. Instantation and Location/UIC:				4. Project Title				
NAVAL BASE	CORONA	ADO, CALIFORNIA		SOF SPECIAL RECON TEAM ONE OPERATIONS FACILITY				
5. Program Element		6. Category Code	7. Pro	ject Nur	nber	8. Pro	oject Cost (\$00	0)
1140494BB		144		P-91	9		20,9	949
		9. COST E	STIMA	TES	I		I	
		Item		U/M	Quant	ity	Unit Cost	Cost (\$000)
PRIMARY FACILI	ГҮ							13,987
SRT ONE OPS FAC	CILITY (CC	143-41) (40,000 SF)		SM	3,71	6	3,087	(11,471)
ANTI-TERRORISM	I/FORCE PR	OTECTION		LS				(726)
BUILT-IN EQUIPM	IENT			LS				(639)
SPECIAL COSTS				LS				(492)
OPERATION AND	MAINTENA	ANCE SUPP INFO (OMSI)	<u>au</u>	LS				(167)
SUSTAINABLE DI POLICY ACT 2005	ESIGN AND	DEVELOPMENT AND ENER ICE	GY	LS				(492)
SUPPORTING FAC	CILITIES							4,232
MECHANICAL UT	TILITIES			LS				(688)
PAVING AND SIT	E IMPROVE	MENTS		LS				(812)
SITE PREPARATIO	ONS			LS				(1,082)
ELECTRICAL UTI	LITIES			LS				(1,278)
SPECIAL FOUNDA	ATION FEAT	TURES		LS				(372)
ESTIMATED CONT	RACT COST	[18,219
CONTINGENCY (59	%)							911
SUBTOTAL								19,130
SUPERVISION, INS	PECTION A	ND OVERHEAD (5.7%)						1,090
SUBTOTAL								20,220
DESIGN BUILD DE	SIGN COST	(4%)						729
TOTAL REQUEST								20,949
TOTAL REQUEST (ROUNDED)							20,949
EQUIPMENT FROM	1 OTHER AP	PROPRIATIONS (NON ADD))					(2,639)
10. Description of P	roposed Cor	struction: Constructs a 3	716 S	M (40	.000 SF) faci	ility to supr	ort Naval
Special Warfare	e (NSW) (Group TEN Special Rec	onnais	sance	Team ()NE	(SRT-1) on	erations.
Facility will sup	port a var	iety of functions includi	ng one	eration	al gear	stora	ge. applied	instruction.
administrative a	nd unman	ned aerial vehicle storage	re and	maint	enance	Proi	ect include	s all pertinent
site improvement	its and site	e preparations, mechanic	cal and	lelect	rical uti	lities	telecomm	unications
pile foundation	emergenc	v generator. landscaping	g. irrio	ation	drainao	e. na	rking and e	xterior
lighting. Air cor	nditioning	281 kW (80 tons).	,e			,-, r *		, .
11. Requirement	3.716 SM	(40.000 SF) Adequate: (0 SM	Subs	tandard:	1.394	SM (15.0	00 SF)
PROJECT: Constructs a 3 716 SM (40 000 SF) facility to support NSW Group TEN SRT-1						SRT-1		
operations	uvib u	c,, io shi (10,000 bi / 1		.5 5u		C		~~~
REQUIREMEN	JT∙ SRT_	l is responsible to provi	de Inte	ellioen	ice Surv	veilla	nce and Re	connaissance
(ISR) support to	$\frac{11}{10}$ NSW Gr	oup TEN and its subord	inate o	comm	ands in a	order	to directly	support NSW
operations and t	raining at	home and forward depl	ovmer	ts N	SW Gro	un TF	EN is resno	nsible to man
Eorm								

1. Component
USSOCOM

FY2017 MILITARY CONSTRUCTION PROJECT DATA

2. Date FEB 2016

3. Installation and Location/UIC:

NAVAL BASE CORONADO, CALIFORNIA

4. Project Title SOF SPECIAL RECON TEAM ONE OPERATIONS FACILITY

5. Program Element	6. Category Code	7. Project Number	8. Project Cost (\$000)
1140494BB	144	P-919	20,949

train, equip, deploy and sustain specialized ISR and preparation of the environment capabilities. <u>CURRENT SITUATION</u>: 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.

<u>IMPACT IF NOT PROVIDED</u>: 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.

<u>ADDITIONAL</u>: 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.

<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.

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					2. Date
USSOCOM FY20	17 MILITARY CONST	[RUC	FION PROJ	ECT DATA	FEB 2016
3. Installation and Location/UIC:			4. Project Title		
NAVAL BASE CORON	ADO, CALIFORNIA		SOF SPECI OPERATIC	AL RECON TE ONS FACILITY	AM ONE
5. Program Element	6. Category Code	7. Proj	ect Number	8. Project Cost (\$00)0)
1140494BB	144		P-919	20,9	949
(a) Standard	or Definitive Design Use	d			No
(b) Where De	esign Was Previously Use	ed			N/A
(3) Total Cost		-		(\$	000)
(a) Production	n of Plans and Specificat	ion			770
(b) All Other	Design Costs				508
(c) Total Cos	t(a + b or d + e)			1	,278
(d) Contract (Cost				770
(e) In-House	Cost			T	508
(4) Construction	Contract Award Date			JU	n I /
(5) Construction	Start Date			Ja	IN 18
(0) 00000000000000000000000000000000000	compression				
B. Equipment Assoc Appropriations:	iated With This Project V	Which	Will be Provi	ided From Other	
Equipment	Procuring		FY Appropri	iated	Cost
Nomenclature	Appropriation	L	or Requeste	d <u>(\$</u>	000)
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 Warfar Telephone: (619) 43	re Command 7-9075				

1. Component	FY2017 MILITARY CONSTRUCTION PROJECT DATA 2. Date							
USSOCOM		FEB 2016						
3. Installation and Location/UIC:			4. Project Title					
NAVAL BASE CORONADO, CALIFORNIA				SOF HUMAN PERFORMANCE TRAINING CENTER				
5. Program Element		6. Category Code	7. Proj	ect Nur	nber	8. Pro	oject Cost (\$00	0)
1140494BB		171		P-95	2		15,5	578
		9. COST ES	STIMA	ГES				
		Item		U/M	Quant	ity	Unit Cost	Cost (\$000)
PRIMARY FACILI	TY							11,676
HUMAN PERFORM	MANCE TRA	AINING CTR (CC 171-20) (40,0	00 SF)	SM	3,71	6	2,753	(10,230)
ANTI-TERRORISM	A/FORCE PR	OTECTION		LS				(639)
BUILT-IN EQUIPM	MENT			LS				(197)
SPECIAL COSTS				LS				(197)
OPERATION AND	MAINTENA	ANCE SUPP INFO (OMSI)		LS				(167)
SUSTAINABLE DI POLICY ACT 2005	ESIGN AND 5 COMPLIAN	DEVELOPMENT AND ENER(ICE	GY	LS				(246)
SUPPORTING FAC	CILITIES							1,872
MECHANICAL UT	FILITIES			LS				(295)
PAVING AND SIT	E IMPROVE	MENTS		LS				(590)
SITE PREPARATIO	ONS			LS				(345)
ELECTRICAL UTI	LITIES			LS				(270)
SPECIAL FOUNDA	ATION FEAT	TURES		LS				(372)
		-						12 5 4 9
ESTIMATED CONT		L						13,548
CONTINUENCI (5)	70)							
SUBTOTAL								14 225
SUPERVISION INS	PECTION A	ND OVERHEAD (5 7%)						811
ber Ek vibion, ind	Lenon	(D, O, VERTIEND (0, 1, 10))						
SUBTOTAL								15.036
DESIGN BUILD DE	SIGN COST	(4%)						542
	51011 0051	(1,2)						
TOTAL REQUEST								15 578
TOTAL REQUEST ((ROUNDED)							15,578
EQUIPMENT FROM	OTHER AP	PROPRIATIONS (NON ADD)						(2,428)
10 Description of P	managad Car	estimation. Constructs a 3	716 \$	M (40) 000 SE	7) ப ப	man Parfor	mance
Training Center	to suppor	t Naval Special Warfare	(NSV	V) Gro	oups ON	IE, T	EN, ELEV	EN and
subordinate unit	ts. The fac	cility will support specia	l oper	ator ii	njury pro	event	ion, rehabil	itation,
testing and eval	uation, str	ength and conditioning,	nutriti	on, ar	nd resear	rch ai	nd develop	ment. Project
includes all pert	tinent site	improvements and site p	repara	tions,	, mechai	nical	and electric	cal utilities,
telecommunications, pile foundation, emergency generator, landscaping, irrigation, drainage,								
parking and ext	erior lighti	ing. Air conditioning: 28	81 kW	(80 to	ons).			
11. Requirement:	11. Requirement: 3,716 SM (40,000 SF) Adequate: 0 SM Substandard: 1,394 SM (15,000 SF)							00 SF)
PROJECT: Con	nstructs a 2	3,716 SM (40,000 SF) H	luman	Perfo	ormance	Traiı	ning Center	to support
NSW Groups O	NE, TEN,	ELEVEN and subordin	ate un	its.				
REQUIREMEN	<u>NT:</u> NSW	Groups ONE, TEN and	ELEV	'EN a	re respo	nsibl	e to man, tr	ain, equip,
deploy and sust	ain West C	Coast SEAL Teams to m	eet the	e exer	cise, coi	ntinge	ency, and w	artime
requirements of	Regional	Combatant Commander	<u>s, Th</u> e	<u>atre S</u>	pecial (<u>)pera</u>	tions Com	nands and

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FY2017 MILITARY CONSTRUCTION PROJECT DATA

2. Date FEB 2016

3. Installation and Location/UIC:

NAVAL BASE CORONADO, CALIFORNIA

4. Project Title SOF HUMAN PERFORMANCE TRAINING CENTER

5. Program Element	6. Category Code	7. Project Number	8. Project Cost (\$000)
1140494BB	171	P-952	15,578

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.

<u>CURRENT SITUATION:</u> 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.

<u>IMPACT IF NOT PROVIDED</u>: 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. <u>ADDITIONAL</u>: 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.

<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.

12. Supplemental Data: A. Design Data (

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	EV2017 MILITADY CONSTRUCTION DROJECT DATA					2. Date		
USSOCOM	FY2017 MILITARY CONSTRUCTION PROJECT DATA					FEB 2016		
3. Installation and Lo	ocation/UIC:			4. Project Title				
NAVAL BAS	E CORO	NADO, CALIFORNIA		SOF HUMA	N PERFORMA	N PERFORMANCE		
				TRAINING	CENTER			
5. Program Element		6. Category Code	7. Pro	ect Number	8. Project Cost (\$00	00)		
1140494BB		171		P-952	15,:	578		
(2) Basi	is							
(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) [Fotal Cost	(a + b or d + e)				843		
(d) (Contract C	Cost			575			
(e) In-House Cost				268				
(4) Construction Contract Award Date			Ju	n 17				
(5) Construction Start Date			Ja	n 18				
(6) Construction Completion Date			Ja	n 20				

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

Equipment	Procuring	FY Appropriated	Cost
Nomenclature	Appropriation	or Requested	<u>(\$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 USSOCOM FY201	FY2017 MILITARY CONSTRUCTION PROJECT DATA 2. Date FFB 2016							
3. Installation and Location/UIC:			4. Project Title					
NAVAL BASE CORONADO, CALIFORNIA				SOF TRADET ONE OPERATIONS FACILITY				
5. Program Element	6. Category Code	7. Pro	ject Nui	nber	8. Pro	oject Cost (\$00	0)	
1140494BB	171		P-96	6		44,3	05	
	9. COST ES	STIMA	TES					
	Item		U/M	Quant	ity	Unit Cost	Cost (\$000)	
PRIMARY FACILITY							30,951	
TRADET ONE OPS FACILITY	(CC 171-20) (65,000 SF)		SM	6,03	9	2,950	(17,815)	
COMBAT TRAINING TANK C	COMPLEX (CC 179-55) (25,000	SF)	SM	2,32	3	3,738	(8,683)	
ANTI-TERRORISM/FORCE PF	ROTECTION		LS				(545)	
BUILT-IN EQUIPMENT			LS				(1,534)	
SPECIAL COSTS			LS				(1,047)	
OPERATION AND MAINTEN	ANCE SUPP INFO (OMSI)	γv	LS				(590)	
POLICY ACT 2005 COMPLIAN	NCE	JI	LS				(737)	
SUPPORTING FACILITIES							7,580	
MECHANICAL UTILITIES			LS				(1,328)	
PAVING AND SITE IMPROVE	EMENTS		LS				(2,222)	
SITE PREPARATIONS			LS				(1,376)	
ELECTRICAL UTILITIES			LS				(688)	
SPECIAL FOUNDATION FEA	TURES		LS				(1,966)	
ESTIMATED CONTRACT COS	Г						38,531	
CONTINGENCY (5%)							1,927	
SUBTOTAL							40,458	
SUPERVISION, INSPECTION A	ND 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 AI	PPROPRIATIONS (NON ADD)						(5,794)	
 Description of Proposed Construction: Constructs a 0,039 Sivi (05,000 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). 11. Requirement: 8.362 SM (90.000 SE). Advantation OSM – Substandard, 3.205 SM (34,500 SE). 								
<u>PROJECT:</u> 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	
USSOCOM	

FY2017 MILITARY CONSTRUCTION PROJECT DATA

2. Date FEB 2016

3. Installation and Location/UIC:

NAVAL BASE CORONADO, CALIFORNIA

4. Project Title

SOF TRADET ONE OPERATIONS FACILITY

			-
5. Program Element	6. Category Code	7. Project Number	8. Project Cost (\$000)
1140494BB	171	P-966	44,305

training.

REQUIREMENT: 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.

CURRENT SITUATION: 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.

IMPACT IF NOT PROVIDED: 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.

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

1. Component	EXZON	2. Date				
USSOCOM	F Y 201	FEB 2016				
3. Installation and Location/UIC: 4. Project Title						
NAVAL BASE CORONADO, CALIFORNIA SOF TRADET ONE OPE				RATIONS		
5. Program Element		6. Category Code	7. Pro	iect Number	8. Project Cost (\$0	00)
1140404DD		171		D 066	4.4	205
1140494BB		1/1		P-966	44,	305
(b)	Percent Co	omplete as of January 20)16			35%
(c)]	Date Desig	gn 35% Complete			Ja	un 16
(d)	Date Desi	gn 100% Complete			0	ct 17
(e) Parametric Cost Estimates Used to Develop Costs				Yes		
(f) Type of Design Contract			Design I	Build		
(g) Energy Study and Life Cycle Analysis Performed				No		
(2) Basis						
(a) s	Standard o	r Definitive Design Use	d			No
(b)	Where De	sign Was Previously Use	ed			N/A
(3) Tota	al Cost				(\$	(000)
(a) l	Production	of Plans and Specificat	ion		1	,703
(b) .	All Other	Design Costs			1	,000
(c) Total Cost $(a + b \text{ or } d + e)$			2	2,703		
(d) Contract Cost			1	,703		
(e)]	(e) In-House Cost			1	,000	
(4) Con	(4) Construction Contract Award Date Ja			Ju	ın 17	
(5) Construction Start Date Jar				un 18		
(6) Construction Completion Date			Ja	un 20		

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

Equipment	Procuring	FY Appropriated	Cost
Nomenclature	Appropriation	or Requested	<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 USSOCOM	FY 20	017 MI	LITA	RY CON	STRUC	FION I	PROGR	AM	2. DATE	EB 2016
3. INSTALLATION AND LOC	ATION	4. COM	MAND						5. AREA CO	ONSTRUCTION
FORT BENNING, GEORGIA		U C	.S. AR OMMA	MY SPEC AND	CIAL OP	ERATI	ONS		COSTIN	1.05
6. PERSONNEL STRENGTH	PEI	RMANENT	,		STUDENTS			SUPPORTE	D	
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF SEP 15 B. END FY 21	141 143	1,132 1,158	39 40	0 0	0 0	0 0	0 0	0 0	0 0	1,312 1,341
A. TOTAL AREA (ACRES)			7.	. INVENTOR	Y DATA (\$0	00)				181.373
B. INVENTORY TOTAL AS O	F SEP 15									90,800
C. AUTHORIZATION NOT YI	ET IN INVENT	ORY (FY 1	3-16)							0
D. AUTHORIZATION REQUE	STED IN THIS	PROGRA	, M (FY 17))						4 820
E. AUTHORIZATION INCLUI	DED IN FOLLO	OWING PR	OGRAM ((FY 18)						0
F. PLANNED IN NEXT THRE	E YEARS (FY	19-21)	·							4 465
G. REMAINING DEFICIENCY	7	,								3 111
H. GRAND TOTAL										118 534
8. PROJECTS REQUESTED IN	N THIS PROGE	RAM:								110,554
CATEGORY CODE	PROJE	CT TITLE			2	SCOPE		COST (\$000)	DESIG START	N STATUS COMPLETE
211 SOF TACT VEHICLE F	ICAL UNMA HANGAR	ANNED .	AERIAI		1,111 SN	4 (12,000) SF)	4,820	02/15	09/16
9. FUTURE PROJECTS										
CATEGORY			DDO					8001)F	COST
a. Included in Following Progra	um (FY 18)		FKO	JECT IIILE				3001	Ľ	(\$000)
b. Planned Next Three Years (F	Y19-21):									
141 c. RPM Backlog: N/A.	S	SOF RST.	A OPER	ATIONS F	ACILITY		1,394	4 SM (15,0	000 SF)	4,465
 10. MISSION OR MAJOR FUN Support and training of U. Center, special operations Forces: organize, train, eq commanders. 11. OUTSTANDING POLLUTI N/A 	CTION S. Army Infa forces, reserv uip, and vali	entry Cent ve compo date read	ter and S nent trai iness of CIENCIES	School, majoning, and o special ope	or combat a ther tenant rations for	and com and sate ces for w	bat suppo llite activi orld-wide	rt forces, N ties and un deployme	Martin Army nits. Specia nt in suppor	y Medical Il Operations rt of combatant

1. Component USSOCOM	FY201	7 MILITARY CONST	FRUC "	ΓΙΟΝ	[PROJ]	ECT DATA	2. Date FEB 2016			
3. Installation and Lo	ocation/UIC:	ation/UIC: 4. Project Title								
FORT BENN	ING, GEO	DRGIA		SOF AER	TACTI	CAL UNMAN	INED GAR			
5. Program Element		6. Category Code	7. Proi	ect Nun	nber	8. Project Cost (\$0	000)			
1140404T	מנ	211	···-·j	61065 4 820						
11404941		211		0100.	5	4,	,820			
		9. COST E	STIMA	TES	Quant	ity Unit Cos	at Cost (\$000)			
PRIMARY FACIL	ITY	Item		U/M	Quant		3,282			
TACTICAL UAV N	AINT FAC	LITY (CC 21115)(11.600 SF)		SM	1.07	7 2.293	(2.470)			
OIL STORAGE BU	ULDING (CO	C 21470)(360 SF)		SM	34	1,882	(64)			
BUILDING INFOR	MATION SY	STEMS		LS			(516)			
SUSTAINABLE DI	ESIGN AND	DEVELOPMENT AND ENER	RGY	LS			(232)			
POLICY ACT 2005	COMPLIAN	VCE								
SUPPORTING FA	CILITIES						1,061			
ELECTRICAL/ME	CHANICAL	UTILITIES		LS			(435)			
SITE IMPROVEMI	ENT/DEMOI	LITION		LS			(429)			
INFORMATION S	YSTEMS			LS			(123)			
PASSIVE FORCE I	PROTECTIO	N MEASURES		LS			(74)			
SUBTOTAL							4,343			
CONTINGENCY (5	.0%)						217			
TOTAL CONTRAC	T COST						4,560			
SUPERVISION, INS	SPECTION A	AND OVERHEAD (5.7%)					260			
TOTAL DECLIEST										
TOTAL REQUEST		\ \					4,820			
FOURT REQUEST	(KUUNDED		2				4,820			
		uter the Construct of T	o oti o ol	Unmo	nnad A	orial Vahiala ('	$\frac{(921)}{\mathbf{TU}(\mathbf{A}\mathbf{V}) \text{ fogility}}$			
break room, oil notification, fire classified comm surveillance and facilities include water, and infor and gutter, sidew Special construct Energy and Env provided. Com 302 kW (86 Toi	storage, as suppress nunication l electroni e site prep mation sy walks, stor ction inclu- vironmenta prehensive ns)	nd HAZMAT storage. I ion, energy managemen s networks, cable televis c access control systems aration, utilities (electri- stems), lighting, vehicle rm drainage, landscapin ides sustainable construe al Design (LEED) "Silve e interior design and auc	Built-ir t contr sion, ir s, and a cal, wa e parkin g, dem ction fe er." Ac dio visu	a build ol, tele atrusion a prote- ter, sa ang, acco- olition eatures ccess f aal ser	ding systephone, on detect ected distantiary s cess driven, and of s comply for person rvices ar	tems include fi advanced uncl tion, closed cir stribution syste ewer, natural g ves, pavements ther site impro- ying with Leac ons with disabi- re included. Air	ire alarm/mass lassified and cuit em. Supporting gas, chilled s, roads, curb vements. lership in ilities will be r conditioning:			
11. Requirement: <u>PROJECT:</u> Con Regiment. <u>REQUIREMEN</u> operations, and <u>Regiment condu</u>	1,111 SM astruct new <u>VT:</u> Provid training re acts its mi	(12,000 SF) Ade w hangar and maintenand de an adequate facility f equirements of the new ' ssions and activities thro	quate: (ce facil for the s TUAV oughou	SM Storage plato	Sut r the 3rc e, maint on. The full rang	ostandard: 560 S l Battalion, 756 enance, classro e 3rd Battalion, ge of military o	SM (6,000 SF) th Ranger oom, , 75th Ranger perations and ir			
DD Form $\frac{1}{1}$ Dec 76	1391		ougnou							

1. Component	EV201	7 MILITADV CONST	סוומי	ΤΙΛΝ ΒΡΛΙ	ΕርΤ ΝΑΤΑ	2. Date					
USSOCOM	F 1 201		NUC		ECI DAIA	FEB 2016					
3. Installation and Lo	cation/UIC:			4. Project Title							
FORT BENN	ING. GEO	ORGIA		SOF TACT	ICAL UNMAN	NED					
				AERIAL VI	EHICLE HANG	ίAR					
5. Program Element		6. Category Code	7. Pro	ect Number	8. Project Cost (\$00)0)					
11/0/9/1	R	211		61065	18	20					
11404741	ענ	211		01005	+,0	320					
all environment	all environments. The unit provides the Secretary of Defense and theater Combatant Commander's										
a means to resol	ve crises,	achieve U.S. Objectives	and p	oursue U.S. str	rategic goals. T	he facilities					
will support the	continua	l training and deploymer	nt of f	orces into real	world and exer	cise					
environments, f	ighting bo	th conventional and unc	onven	tional war sce	enarios.						
CURRENT SIT	UATION	: This is a new requirem	nent ar	nd no adequat	e facilities are a	vailable at					
Fort Benning to	meet the	requirement. Operations	s are c	onducted from	n a temporary tr	ailer facility.					
IMPACT IF NC	T PROV	(DED: If this project is t	not pr	ovided. the ne	w TUAV Plato	on will operate					
from an undersi	zed trailer	facility with no space for	or TU	AV maintenar	nce. Space for t	he platoon					
headquarters m	ission pla	nning training and stora	age wi	ll not be avail	lable	F					
ADDITIONAL	Alternat	ive methods of meeting	this re	quirement ha	ve been explore	d during					
project develop	nent and	this project is the only fe	asible	option This	project shall be	designed and					
constructed in a	ccordance	with U.S. Army Corps	of Eng	vineer's Techr	vical Instruction	s 800-01					
Design Criteria	Installati	on Architectural Compat	ibility	Plan. Unified	d Facilities Crite	ria (UFC) 3-					
600-01 Design	Fire Prote	ection for Facilities: Ame	erican	s with Disabil	ities Act Acces	sibility					
Guidelines conf	orming to	Architectural Barriers A	Act an	d consistent y	with 29 United S	States Code					
$(U \le C) 794 \cdot N_2$	tional Fir	e Protection Association	(NFP	(Δ) I if (Δ)	tv Code 101. No	ational Electric					
Code (NFPA 70). Interna	tional Building Codes: S	tanda	rds of Seismia	Safety for Fede	erally Owned					
Buildings: energy	W conserv	vation standards: other at	nnlica	ble DOD and	Army regulation	ns and LIFCs:					
and applicable I	I S Feder	al Environmental Laws	and Re	oulations S	Istainable engin	eering					
nrinciples will b	a integrat	ed into the design devel		guiations. St	uction of the pro	viect in					
accordance with	the Eper	av Policy Act 2005 and I	Evecu	tive Orders 13	$\frac{1}{2173}$ and $\frac{1}{2473}$	Anti					
terrorism/force	protection	measures will be includ	ed in	accordance w	ith the current Γ	$IFC 4_010_01$					
DOD Minimum	Anti Tor	rorism Standards for Rui	lding	accolution with a second and a second and a second and a second a	as applicable. T	The project site					
flood vulnarabil	ity dotorn	vinition has been accomi	nunga	d by the instal	as applicable. I	he project site					
nroiost planning		iniation has been accomp	plishe	u by the mstal		se part of the					
DINT USE CE	process.	TION, N/A LINGOCO	Mhu	lasts only for	those facilities	manifically for					
JOINT USE CE	<u>KTIFICA</u>	<u>TION</u> : N/A. USSOCO	IVI DUC	igets only for	unose facilities s	specifically for					
SOF use. Collin	non suppo	in facilities are budgeted	i by ti	le mintary dej	Jartinents. Kele	Tence Thie IO,					
Section 105.	-4										
12. Supplemental D	ala. Data (Estin	mates)									
(1) Stati		nates)									
	io Data Dacia	n Started			Ea	b 15					
(a) L (b) D	arcont Co	in station	16		ге	1013					
	oto Dooio	mpiete as of January 20.	10		Ма	1070					
	Vale Desig	ii 55% Complete				ly 10 nn 16					
(u) L	vale Desig	in 100% Complete			Se	in to					

(e) Parametric Estimates Used to Develop Costs

(a) Standard or Definitive Design Used(b) Where Design Was Previously Used

(g) Energy Study and Life Cycle Analysis Performed

(f) Type of Design Contract

(2) Basis

Yes

Yes

Yes

Design Bid Build

Fort Bragg, NC

1. Component USSOCOM	FY201	7 MILITARY CONST	TRUCTION PR	OJECT DATA	2. Date FEB 2016			
3. Installation and Lo	cation/UIC:		4. Project T	Title	NNED			
FORT BENN	ING, GEC	DRGIA	AERIAI	L VEHICLE HAN	IGAR			
5. Program Element		6. Category Code	7. Project Number	8. Project Cost (\$000)			
1140494H	BB	211	61065	2	4,820			
(3) Tota	al Design	Cost			(\$000)			
(a) H	Production	of Plans and Specificat	ions		294			
(b) A	II Other I	Jesign Costs			248			
(c) (d) (d)	Contract C	(a + b of a + e)			342 100			
(u) ((e) I	n-House (losi Tost			100			
(4) Cons	struction (Contract Award Date		r I	442 Mar 17			
(1) Cons	struction S	Start Date		N	May 17			
(6) Construction Completion Date Jun 18								
B. Equipme	ent Associ	ated With This Project V	Which Will be P	rovided From Oth	ner			
Appropriation	ons:	J						
Equipment		Procuring	FY Approp	riated	Cost			
<u>Nomenclatu</u>	re	<u>Appropriation</u>	or Reques	<u>(\$000)</u>				
Collateral E	quipment	O&M, D-W	2018	393				
Collateral E	quipment	PROC,D-W	2018	292				
C4I Equipm	ent	O&M, D-W	2018	88				
United State Telephone:	(910) 432	pecial Operations Comm 2-1296	hand					

1. COMPONENT USSOCOM	FY 20)17 MI	LITA	RY CON	STRUC'	FION I	PROGRA	Μ	2. date FI	EB 2016
3. INSTALLATION AND LOO	CATION	4. COM	MAND						5. AREA CO	NSTRUCTION
FORT BRAGG, NO	2	JC	DINT S	PECIAL	OPERA	ΓIONS	COMMA	ND	COST INL	0.88
· · · · · · · · · · · · · · · · · · ·										0.00
6. PERSONNEL STRENGTH	PEF	RMANENT		\$	STUDENTS		S	UPPORTE	D	
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF SEP 15 B END EV 21	329	700 702	649	0	0	0	0	0	0	1,678
	520	705	049	0	0	0	0	0	0	1,078
A TOTAL ADEA (ACDES)			7.	. INVENTOR	Y DATA (\$0	00)				200
A. IUIAL AREA (ACRES)										399
B. INVENTORY TOTAL AS O	F SEP 15		110							302,107
C. AUTHORIZATION NOT YE	ET IN INVENT	ORY (FY I	4-16)							52,190
D. AUTHORIZATION REQUE	STED IN THIS	PROGRA	M (FY 17))						30,670
E. AUTHORIZATION INCLUI	DED IN FOLLO	WING PR	OGRAM ((FY18)						3,925
F. PLANNED IN NEXT THREE	E YEARS (FY 1	19-21)								40,124
G. REMAINING DEFICIENCY	7									34,200
H. GRAND TOTAL										463,216
8. PROJECTS REQUESTED IN	N THIS PROGR	RAM:								
CATEGORY	PROJEC	T TITLE			SC	COPE	(COST	DESIG	GN STATUS
CODE 141 SOF SPECI	AL TACTIC	S FACIL	JTY, (P	H3) 1	0,245 SM	(110,360)SF) 30	\$000) 0 .670	START 8/15	COMPLETE 8/16
9. FUTURE PROJECTS				,	,	<u> </u>	,	,		
CATEGORY CODE		PROIF	∼т тіті ғ					SCOPE		COST (\$000)
a. Included in Following Progra	ım (FY18):	TROJEN						SCOL		(\$000)
390 SOF IMP	TELECOM ROVEMEN	MUNICA TS	ATIONS	RELIABII	LITY		366	M (1,200) LF)	3,925
140 SOF	FY 19-21): F MILITARY	WORK	ING DO	G FACILI	ΓY		1.115	SM (12.0)00 SF)	4.634
140 SOF	FOPERATIO	ONS FAC	TLITY	011101211			650	SM (7,00	00 SF)	3,472
144 SOF	F OPERATIO	ONS SUP	PORT E	BLDG BAT PANG	E		2,800	SM (30,1	100 SF)	12,898
177 SOF	F REPLACE	MAZE A	ND TO	WER			2,973	SM (9,20	00 SF)	12,095
c RPM Backlog: N/A										
10. MISSION OR MAJOR FUN	NCTION									
The Joint Special Operation	ons Commar	nd is a joi	nt headq	juarters desi	gned to stu	idy speci	ial operation	ns require	ements and t	echniques;
operations tactics. Fort B	ragg Installa	tion's mi	on; plan ssion is s	and conduc	and trainin	g of 18th	Airborne C	Corps, ma	ijor combat a	and combat
support forces, special op	erations forc	es, reserv	e compo	onent trainir	ng, and oth	er tenant	and satellit	e activiti	es and units.	
11. OUTSTANDING POLLUTI N/A	ION AND SAFI	ETY DEFIC	CIENCIES	i						

1. Component		סנומי	FION		FCT	DATA	2. Date		
USSOCOM F 1 201	FY2017 MILITARY CONSTRUCTION PROJECT DATA FEB 2016								
3. Installation and Location/UIC:			4. Project Title						
FORT BRAGG, NORT	'H CAROLINA		SOF (PH	SPECI 3)	AL T	ACTICS FA	ACILITY		
5. Program Element	6. Category Code	7. Proj	ect Nur	nber	8. Pro	oject Cost (\$000))		
1140415BB	141		7651	4		30,6	70		
	9. COST ES	TIMA	ГES						
	Item		U/M	Quant	ity	Unit Cost	Cost (\$000)		
PRIMARY FACILITIES							23,138		
TEAM 1 BUILDING (CC 14185	5) (25,900 SF)		SM	2,40	2	2,366	(5,683)		
TEAM 2 BUILDING (CC 14185	5) (29,300 SF)		SM	2,71	7	2,872	(7,803)		
ISU STORAGE BUILDING (CC	C 44220) (9,860 SF)		SM	916	i	1,443	(1,322)		
CST MAINTENANCE /EQUIP 21885) (45,300 SF)	BARN/COVERED PARKING (CC	SM	4,21	0	1,740	(7,325)		
BLDG INFORMATION SYSTE	MS		LS				(445)		
SUSTAINABLE DESIGN AND POLICY ACT 2005 COMPLIAN	DEVELOPMENT AND ENERG	GΥ	LS				(462)		
EMCS CONNECTIONS			LS				(98)		
SUPPORTING FACILITIES							4,496		
ELECTRICAL SERVICE			LS				(460)		
WATER AND SEWER SERVIC	CES		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)		
SURTOTAL							27.634		
CONTINGENCY (5.0%)							1 382		
contributive i (5.0%)							1,362		
SUBTOTAL							29.016		
SUPERVISION INSPECTION A	AND OVERHEAD (5.7%)						1 654		
TOTAL REQUEST							30.670		
TOTAL REQUEST (ROUNDED)						30.670		
EOUIPMENT PROVIDED FRO	/ M OTHER APPROPRIATIONS						(789)		
10 Description of Proposed Co.	nstruction. Construct a new	v two	story	team hi	uildin	g of approx	imately 2 402		
SM (25 000 SE) one stor	as team building of approx	vimate	$\frac{1}{2}$	117 SM	(20.3)	(0) SE) 2 or	nilatory 2,402		
Individual Storage Unit (SUb building of approxi	motoly	$_{-016}^{-19}$	SM (0 S	(29,5 260 SI	(00 SI), a 0	ie-story		
Support Toom (CST) moi	ntenence fecility/equipm	matery	/ 910		motol	r_{1} , a one-su	(22,000,SE)		
Support Team (CST) man	itenance facinity/equipm	ent da		approx1		ly 2,808 SIV	(32,900 SF)		
and a covered parking fac	ility of approximately 1,	083 2.	M(12)	2,400 SF	') to s	erve as the	teams		
operations and training fac	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 buil	lding	tuncti	onal are	eas in	clude opera	tions suites,		
Tactical Operations Center, conference room, latrines, communications and electrical spaces,						l spaces,			
mechanical rooms, secur	ity system and storage a	eas.	The IS	SU stora	age ir	cludes stor	age, cage		
storage drive through loa	ding area and cargo buil	d area	. The	e CST n	nainte	enance/equi	pment barn		

 $\textbf{DD} \stackrel{Form}{1 \text{ Dec } 76} \textbf{1391}$

1 Component						2 Data				
USSOCOM	FY201	7 MILITARY CONST	RUC	TION PROJ	ECT DATA	FEB 2016				
3. Installation and Lo	ocation/UIC:			4. Project Title						
FORT BRAG	G, NORT	H CAROLINA		SOF SPECI. (PH 3)	AL TACTICS F	FACILITY				
5. Program Element		6. Category Code	7. Project Number 8. Project Cost (\$000)							
11404151	3B	141		76514	30	670				
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.										
PROJECT: Concovered parking REQUIREMEN to consolidate of caused by grow personnel sustain current/future m <u>CURRENT SIT</u> equipment and of	11. Requirement: 10,245 SM (110,360 SF) Adequate: 0 SM Substandard: 0 SM PROJECT: Construct two team buildings, ISU Storage, CST maintenance/equipment barn and covered parking (deficit solution). REQUIREMENT: 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. CURRENT SITUATION: Existing Special Tactics facilities are inadequate to house personnel or									
different buildir HQ/Support inf <u>IMPACT IF NC</u> restrict and adva a result, mission <u>ADDITIONAL</u> Design Guide. determined it to and improveme vulnerability ass Instruction 800- it was determined integrated into t Executive Orde Executive Order Facilities Criter 9 February 2012 <u>JOINT USE CE</u> SOF use. Comp Section 165.	ngs or trail rastructure <u>OT PROV</u> ersely affe n readiness <u>:</u> This pro The host i be very lo nts will prosessment. O1. Based ed that a fo he design, r 13423, 1 rs. Anti-ter ia (UFC) 4 2 with cha <u>ERTIFICA</u> mon support	ers and some facilities and <u>IDED:</u> If not constructed ct training and operation s will be adversely impact ject is subject to all apples nstallation has reviewed ow risk; project site is no eserve as much natural v This project will comply d on the absence of any a ormal economic analysis development, and const 0 United States Code (U rorism/Force Protection 4-010-01 "DOD Minimu nge 1 dated 1 October 20 <u>TION:</u> N/A. USSOCOM ort facilities are budgeted	re loca d, space al cap cted. icable the fl ot with vegeta y with accept was 1 ructio (.S.C.) meas m An 013. VI bud l by th	ated 38 miles ce deficiency a pabilities vital e provisions of ood vulnerabi in the 100-ye tion as possib US Army Co able viable alto not required. So on of the proje 2802 (c), and ures will be in ti-Terrorism S gets only for the military dep	from the organize and split-based of to USSOCOM f the Fort Bragg lity for this proj ar floodplain. S le and include ac orps of Engineers ternatives to new Sustainable prin ct in accordance of the applicable accordance with Standards for But those facilities s partments. Refe	zations operations will missions. As Installation ect and has ite planning dditional flood s Technical v construction, ciples will be with e laws and h Unified ildings", dated pecifically for rence Title 10,				

1. Component USSOCOM	FY201	7 MILITARY CONST	RUC	TION PROJ	ECT DATA	2. Date FEB 2016				
3. Installation and Lo	ocation/UIC:	tion/UIC: 4. Project Title								
FORT BRAG	G, NORT	H CAROLINA		SOF SPECI (PH 3)	AL TACTICS F	FACILITY				
5. Program Element		6. Category Code	7. Pro	ject Number	8. Project Cost (\$0	00)				
11404151	3B	141	76514 30,670							
12. Supplemental D A. Design I (1) Statu (a) I (b) I (c) I (d) I (e) H (f) T (g) I (2) Basi (a) S (b) Y (3) Tota (a) H (b) A (c) T (d) Q (e) I (d) Q (e) I (d) Q (e) I (d) Con (f) Con (f) Con (f) Con (f) Con (f) Con (f) Con	Data: Data (Estir us Date Desig Percent Co Date Desig Date Desig Parametric Type of De Energy Stu is Standard of Where De I Design (Production All Other I Fotal Cost Contract C in-House (struction S struction (ent Associ iations:	nates) gn Started omplete as of January 20 gn 35% Complete gn 100% Complete Estimates Used to Deve esign Contract ady and Life Cycle Analy or Definitive Design Used sign Was Previously Use Cost of Plans and Specificati Design Costs (a + b or d + e) Cost Contract Award Date Start Date Completion Date ated With This Project W	16 lop C ysis P d ed ons	'osts erformed Will be Provi	Au Ja Au Design-bid-l (\$ 2 1 3 2 1 3 2 1 Ma Ju Da 1 ded From Other	ng 15 35% un 16 ng 16 No build No N/A 000) 2,200 ,200 3,400 2,200 ,200 at 17 un 17 ec 18 r				
Equipment <u>Nomenclatu</u>	re	Procuring <u>Appropriation</u>	I	FY Appropria or Requested	ted <u>1 (\$</u>	Cost (000)				
Collateral E	quipment	O&M, D-W		2018		789				

Joint Special Operations Command Telephone: (910) 243 0550

1. COMPONENT	FY 2	017 MI	LITA	RY CON	STRU	CTI	ON	PROGR	AM	2. DATE FE	EB 2016
3. INSTALLATION AND LOG FORT BRAGG.	CATION	4. COM	MAND	MY SPE	CIAL (OPEF	RAT	IONS		5. AREA CON COST IND	NSTRUCTION EX
NORTH CAROLIN	NA	C	OMMA	AND							.88
6. PERSONNEL STRENGTH	PE	RMANENT			STUDEN	TS			SUPPORTE	D	
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIS	т с	IVIL	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF SEP 15 B. END FY 21	1,458 1,258	6,361 5,614	1,586 1,656	2,304 2,840	11,83 12,32	2 9	24 24	0 0	0 0	0 0	23,565 23,721
			7	. INVENTOR	RY DATA	(\$000)					
A. TOTAL AREA (ACRES)											160,861
B. INVENTORY TOTAL AS C	OF SEP 15										691,331
C. AUTHORIZATION NOT Y	ET IN INVEN	FORY (FY 1	3-16)								413 345
			(EV 17)								55,000
D. AUTHORIZATION REQUI	ESTED IN THI	S PROGRAI	M(FY17))							55,923
E. AUTHORIZATION INCLU	DED IN FOLL	OWING PRO	OGRAM ((FY 18)							56,328
F. PLANNED IN NEXT THRE	E YEARS (FY	19-21)									215,827
G. REMAINING DEFICIENC	Y										171 239
H GRAND TOTAL											1 602 002
8. PROJECTS REQUESTED I	N THIS PROG	RAM:						7	000		1,005,995
CODE	PROJ	ECITILE				2	COPE	2	(\$000) START	COMPLETE
171 SOF COM	BAT MEDI	C TRAIN	ING FA	CILITY	-	3,060	SM (32,900 SF)	10,90	5 11/15	09/17
218 SOF PARA	ACHUTE R	IGGING F	ACILI	ΓY	,	7,850	SM (84,500 SF)	21,42	0 11/15	09/17
214 SOF TAC	ΓICAL EQU	IPMENT	MAINT	ENANCE	:	3,250	SM (88,800 SF)	23,59	8 11/15	09/17
9. FUTURE PROJECTS											
CATEGORY											COST
CODE			PRO	JECT TITLE					SCOP	Έ	(\$000)
a. Included in Following Progra	am (FY18)	TENIANO						2.05	2 614 (25		12 240
171 SOF VEH	ICLE MAIN	RMANCE	E FACI	ILIIY NING FAC	II ITY			3,25 3,72	2 SM (35, 0 SM (40	000 SF) 000 SF)	12,240
214 SOF TAC	FICAL EOU	IPMENT	MAINT	TENANCE	FACILI	TY		2.32	3 SM (25.)	000 SF)	18,830
610 SOF SUPP	PORT BATT	ALION A	DMIN	FACILITY	,			3,41	2 SM (36,	700 SF)	9,910
b. Planned Next Three Years (I	FY19-21):								1011 ((0) (20.120
1/I SOF SERE	L RESISTAT	NCE IRAI	NING L	ABORAT	JRY CC	DMPL	EX	5,57 3,71	4SM (60,0 6 SM (40)	100 SF) 000 SF)	20,138
140 SOF REIN	TALION OF	PERATION	NS FAC	YTLITY				11 5	20 SM (40, 20 SM (12	24 000 SF)	40 276
171 SOF ASSE	ESSMENT A	ND SELE	ECTION	TRAININ	IG COM	PLEX	Κ	3,32	3 SM (25.)	000 SF)	9,825
171 SOF HUM	AN PERFO	RMANCE	E TRAIN	NING CEN	TER			3,71	6 SM (40,	000 SF)	15,229
171 SOF HUM	AN PERFO	RMANCE	E TRAIN	NING CEN	TER			3,71	6 SM (40,	000 SF)	11,509
141 SOF GRO	UP HEADQ	UARTER	S					6,41	0 SM (69,	000 SF)	19,843
141 SOF SUPP	PLY SUPPO	RT ACTI	VITY					3,25	2 SM (35,	000 SF)	7,937
171 SOF D391	5 RENOVA	TION BA	NK HA	LL				17,3	85 SM (18	37,063 SF)	39,494
141 SOF COM	MAND HE	ADQUAR	TERS		TED			4,64	5 SF (50,0	100 SF)	16,866
1/1 SOF HUM 140 SOF ADM	IAN PERFU		Σ Ι ΚΑΠ 2 ΔΤΙΩΝ	NING CEN JS	1 EK			3,/1 1 64	U SF (40,0 5 SM (50)	000 SE)	11,389 16 700
c. RPM Backlog: N/A								4,04	5 5IVI (50,	000 517	10,777
10. MISSION OR MAJOR FUN	NCTION					_					
Support and training of 18	Sth Airborne	Corps (A	irborne)	, major con	nbat and	comb	oat su	pport force	s, special	operations fo	rces, reserve
component training, and o	other tenant a	and satellit	e activit	ties and uni	its. Spec	t of of	perati	ions Forces	: organize	, train, equip	, and validate
11. OUTSTANDING POLLUTI	ON AND SAFE	TY DEFICI	ENCIES	N/A	n suppoi		лпоа	tant comm	anuels.		

1. Component USSOCOM FY202	17 MILITARY CONST	'RUC'	ΓION	PROJ	ЕСТ	DATA	2. Date FEB 2016	
3. Installation and Location/UIC:	tion/UIC: 4. Project Title							
FORT BRAGG, NORT	'H CAROLINA		SC FA	OF COM	IBAT Y	MEDIC T	RAINING	
5. Program Element	6. Category Code	7. Proj	oject Number 8. Project Cost			oject Cost (\$00	(\$000)	
1140494BB	171		8595	8		10,9	905	
	9. COST ES	STIMA	ГES				-	
		U/M	Quant	ity	Unit Cost	Cost (\$000)		
PRIMARY FACILITY							7,752	
LABORATORY INSTRUCTIO	NAL FACILITY(CC17135)(32,9	00SF)	SM	3,06	0	2,415	(7,389)	
BUILDING INFORMATION S	YSTEMS		LS				(221)	
SUSTAINABLE DESIGN AND	DEVELOPMENT AND ENERG	GΥ	LS				(142)	
POLICY ACT 2005 COMPLIAN	NCE							
SUPPORTING FACILITIES							1,732	
ELECTRICAL/MECHANICAL	UTILITIES		LS				(636)	
SITE IMPROVEMENTS/DEMO	DLITION		LS				(916)	
INFORMATION SYSTEMS			LS				(106)	
PASSIVE FORCE PROTECTIC	N MEASURES		LS				(74)	
	۲.						0.484	
CONTINGENCY (5.0%)							9,484	
CONTINGENCI (5.0%)							474	
SUBTOTAL							9 958	
SUPERVISION INSPECTION	AND OVERHEAD (5.7%)						568	
SUBTOTAL							10,526	
DESIGN BUILD DESIGN COST	Г (4.0%)						379	
TOTAL REQUEST							10,905	
TOTAL REQUEST (ROUNDED)						10,905	
EQUIPMENT PROVIDED FRO	M OTHER APPROPRIATIONS						(1,488)	
10. Description of Proposed Co	nstruction: Construct a lab	orator	y inst	ructiona	al faci	lity to incl	ude	
classrooms, test center, re	eference library, administ	rative	area,	confere	nce r	oom, break	area, supply	
and storage areas, male an	nd female shower/locker	rooms	s, and	elevato	r. Bui	lt-in buildi	ng systems	
include fire alarm/mass n	otification, fire suppressi	on, ut	ility n	nanagen	nent c	control, tele	phone,	
advanced communication	s networks, cable televis	ion, in	trusic	on detec	tion, o	closed circu	uit	
surveillance, electronic ad	ccess control, and protect	ed dis	tribut	ion. Su	pport	ing facilitie	es include all	
related site-work and util	ities (electrical, water, ga	s, sani	itary s	ewer, a	nd inf	formation s	ystems	
distribution), lighting, par	king, access drives, road	ls, har	dstand	ls, curb	and g	utter, sidev	valks, storm	
drainage, landscaping, an	d other site improvement	ts. Sp	ecial o	construc	ction i	ncludes su	stainable	
construction features com	plying with Leadership i	n Ene	rgy ar	nd Envi	ronme	ental Desig	n (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).								
11. Requirement: 3,060 SM (32,900 SF) Adequate: 0 SM Substandard: 2,140 SM (23,000 SF)								
PROJECT: Construct a Joint Combat Medic Training Facility for the United States Army John F.						rmy John F.		
Kennedy Special Warfare Center and School (USAJFKSWCS).						Creati-1		
<u>KEQUIKEMENT:</u> This	project is required to mee	et grov	vth ree	quireme	ents of	t US Army	Special	

1. Component USSOCOM	FY201	7 MILITARY CONST	RUC	TION PROJ	ECT DATA	2. Date FEB 2016
3. Installation and Lo	ocation/UIC:			4. Project Title		1
FORT BRAG	G, NORT	H CAROLINA		SOF COM FACILIT	IBAT MEDIC 7 Y	ΓRAINING
5. Program Element		6. Category Code	7. Pro	ject Number	8. Project Cost (\$0	00)
1140494BB		171		85958	10,	905
Operations Contour to train Special accordance with instructional mainstructors, 8 st <u>CURRENT SIT</u> facility at Pope annually. Wire Classrooms are use violating lift and training aid <u>IMPACT IF NO</u> Medic Training space. This dece lifesaving capal <u>ADDITIONAL</u> project develop constructed in a Design Criteria 01, Design Fire conforming to A National Fire P 70); Internation energy conserva applicable U.S. will be integrate the Energy Poli protection meas Minimum Anti- vulnerability de planning process <u>JOINT USE CE</u> SOF use. Com Section 165. 12. Supplemental I A. Design T	nmand, Na Operation a commerce edical trair accessive of <u>UATION</u> Army Air less netwo undersize is safety co is. Latrine <u>OT PROVI</u> courses we creases the oility avail is Alternat ment and the accordance is Fort Brage Protection Architectur rotection A al Buildin ation stand Federal E ed into the cy Act 200 sures will b Terrorism etermination s. <u>ERTIFICA</u> mon suppor	aval Special Warfare Constant Special Warfare Constant Medics in Em- cial testing standards. Training to support the initial classes of 96 students each is The initial Combat Medication of the field that limits training orks are required for training orks are required for training orks are required for training orks are required for training or facilities are inadequate. <u>IDED:</u> If this project is a vill continue to turn aways combat effectiveness of able to treat personnel wive methods of meeting this project is the only feace with U.S. Army Corps and Executive Corps of a graning the project is the only feace of the facilities; Americation (NFPA), Life g Codes; Standards of Solards; other applicable D nvironmental Laws and design, development, an 05 and Executive Orders of included in accordance of the standards for Buildings on has been accomplished <u>TION:</u> N/A. USSOCO ort facilities are budgeted mates)	mman ergenc raining l 25 da ch for edic T to 64 s ing b hannec t sized not pro- y soldi c deplo when u this re- casible of Eng ibility ns with sisten e Safe eismic OD ar Regul nd com s 1312 ce with s, and d by th	d and Marine cy Medical Tr g requirement ays of a 36 we a total of 768 raining is taki students per c ut are not auth quins to be pla to accommon ovided, the Sp ers, sailors, a oying units by nexpected sitt quirement ha option. This gineer's Techn Plan; Unified h Disabilities t with 29 Unit ty Code 101; e Safety for Fe nd Army regu ations. Susta istruction of th 3 and 13423. In the current U updates as ap he installation	Special Operation raining and certi- s include labora eek medic training students per year ing place in a for lass and 512 stu- horized in this fa- aced in corridors date the require pecial Operation ind marines due not having the uations arise. ve been explore project shall be nical Instruction d Facilities Code Act, Accessibili- ted States Code National Electri- ederally Owned lations and UFC inable engineeri- he project in acc Anti-terrorism/ JFC 4-010-01, I plicable. The pro- and will be par- those facilities is partments. Refe	ions Command fy in tory ng program, 17 ar. rmer dining dents acility. when not in d student load as Combat to the lack of sufficient d during e designed and as 800-01, e (UFC) 3-600- ity Guidelines (U.S.C.) 794; ic Code (NFPA Buildings; Cs; and ng principles cordance with force DOD oject site flood t of the project
(1) Stat	(125th US					
(1) Stat (a)	Date Desig	gn Started			No	ov 15
(b)	Percent Co	omplete as of January 20	16			10%
(c)]	Date Desig	gn 35% Complete			Ma	ay 17

1 Component						2 Date				
USSOCOM	FY201	FY2017 MILITARY CONSTRUCTION PROJECT DATA FEB 2016								
3. Installation and Lo	ocation/UIC:			4. Project Title						
ΕΩΡΤ ΡΡΑΩ	C NODT			SOF COM	IBAT MEDIC 1	FRAINING				
FORT DRAU	U, NOKI	II CAROLINA		FACILITY	Y					
5. Program Element		6. Category Code	7. Pro	ject Number	8. Project Cost (\$0	00)				
1140404PP		171		85058	10	005				
1140494DD		1/1		03930	10,	903				
(d) Date Design 100% Complete Sep 17										
(e) Parametric Estimates Used to Develop Costs Yes										
(f) Type of Design Contract Design Build										
(g)]	Energy Stu	udy and Life Cycle Anal	ysis P	erformed		Yes				
(2) Bas	is									
(a) .	Standard o	or Definitive Design Use	d			No				
(b)	Where De	sign Was Previously Use	ed			N/A				
(3) Tota	al Design (Cost			(\$	(000)				
(a) l	Production	of Plans and Specificat	ions			450				
(b) 4	All Other	Design Costs				212				
(c) [Fotal Cost	(a + b or d + e)				662				
(d)	Contract C	Cost				515				
(e) l	In-House (Cost				147				
(4) Con	struction	Contract Award Date			M	ar 17				
(5) Con	struction S	Start Date			\mathbf{J}_1	ul 17				
(6) Con	struction	Completion Date			Ja	ın 19				
B. Equipme	ent Associ	ated With This Project V	Vhich	Will be Provi	ded From Other	r				
Appropriati	ons:									
Equipment		Procuring	F	Y Appropriate	ed	Cost				
Nomenclatu	Nomenclature Appropriation or Requested (\$000)									
Collateral E	quipment	O&M, D-W	D-W 2018 890							
C4I Equipm	ent	O&M, D-W	D&M, D-W 2018 201							
C4I Equipm	ent	PROC, D-W		2018		397				
li in the second se										

United States Army Special Operations Command Telephone: (910) 432-1296

LICCOMPONENT	FY201	FY2017 MILITARY CONSTRUCTION PROJECT DATA 2. Date EEB 2016						
USSOCOM 3 Installation and Lo	cation/IIIC:			4 Pro	iect Title			1 LD 2010
		SOE	$\mathbf{D}\mathbf{A}\mathbf{D}\mathbf{A}\mathbf{I}$	~UIITE I	DICCI	NG		
FORT BRAG	iG, NOR'I	TH CAROLINA		FAC	TAKA			
5. Program Element		6. Category Code	7. Proj	ect Nur	nber	8. Project 0	Cost (\$00)0)
1140494BB		218		7481	3		21,4	420
		9. COST ES	STIMA	ГES				
		Item		U/M	Quant	ity U	nit Cost	Cost (\$000)
PRIMARY FACILI	ITY							15,252
PARACHUTE RIG	GING FACII	LITY (CC21881)(84,500 SF)		SM	7,85	0	1,884	(14,789)
BUILDING INFOR	MATION SY	STEMS		LS				(217)
SUSTAINABLE DE	ESIGN AND	DEVELOPMENT AND ENERG	GΥ	LS				(246)
POLICY ACT 2005	COMPLIAN	ICE						
SUPPORTING FAC	CILITIES							3,377
ELECTRICAL/MEO	CHANICAL	UTILITIES		LS				(869)
SITE IMPROVEME	ENTS/DEMC	DLITION		LS				(2,195)
INFORMATION SY	YSTEMS			LS				(121)
PASSIVE FORCE F	PROTECTIO	N MEASURES		LS				(192)
ESTIMATED CONT	TRACT COS	Т						18,629
CONTINGENCY (5	.0%)							931
SUBTOTAL								
SUPERVISION, INS	SPECTION A	AND OVERHEAD (5.7%)						1,115
SUBTOTAL								20,675
DESIGN BUILD DE	SIGN COST	(4.0%)						745
TOTAL REQUEST								21,420
TOTAL REQUEST (ROUNDED)						21.420
EOUIPMENT PROV	IDED FROM	, MOTHER APPROPRIATIONS						(2.921)
broject includes storage areas, ox nclude fire alar advanced unclas detection, closed Supporting facil and information gutter, sidewalk ncludes sustain Design (LEED) be provided. Co services are incl 791kW (225 tor 1. Requirement: 7	parachute ygen syst m/mass ne ssified and d circuit su ities inclu systems of s, storm d able const "Silver" v omprehens uded. Th us).	e drying tower, packing l tems maintenance room, ptification, fire suppressi d classified communicati- urveillance, electronic ac de all related site-work a distribution), lighting, pa rainage, landscaping, and ruction features complyi with enhanced commission sive interior design, elect e project includes demol	anes, j and a on, ut ons ne ccess c and ut rking, d othe ing wi oning. tronic ition c	paracl classi ility n etwork contro ilities acces r site th Lea Acce secur of exis	hute rep room. E nanagen cs, cable l, and pi (electric ss drives improve adership ess for p ity syste sting fac	air room, Built-in bunent contri- televisio cotected d cal, water s, roads, h ements. So in Energ persons with ems, and a ilities. A	supply supply rol, tele n, intru- istribu , gas, s ardsta pecial y and 1 ith disa audio v ir conce SM (46	y rooms, systems ephone, usion tion. canitary sewer, nds, curb and construction Environmental abilities will visual design litioning:
			VITOR		rmy lo	nn H Ker	medv S	n maatal
<u>PROJECT:</u> Cor	and Schor	arachute Rigging Facilit	the 10	t Sne	cial For	nn I . Kei	nand (special (st SFC)

. Component USSOCOM	FY2017 MILITARY CONSTRUC	TION PROJECT DATA	2. Date FEB
. Installation and Lo	cation/UIC:	4. Project Title	

SOF PARACHUTE RIGGING

3. Installation and Location/UIC:

1. Componen

FORT BRAGG, NORTH CAROLINA

		FACILITY	
5. Program Element	6. Category Code	7. Project Number	8. Project Cost (\$000)
1140494BB	218	74813	21,420

REQUIREMENT: 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.

CURRENT SITUATION: The USAJFKSWCS and the 1st SFC units operate out of existing substandard 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.

IMPACT IF NOT PROVIDED: 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. ADDITIONAL: Alternative methods of meeting this requirement have been explored during project development and this project is the only feasible option. This project shall be designed and constructed in accordance with U.S. Army Corps of Engineer's Technical Instructions 800-01, Design Criteria; Fort Bragg Architectural Compatibility Plan; Unified Facilities Code (UFC) 3-600-01, Design Fire Protection for Facilities; Americans with Disabilities Act, Accessibility Guidelines conforming to Architectural Barriers Act, 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.

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.

2. Supplemental Data:	
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

2016

1. Component USSOCOM FY20	17 MILITARY CONST	RUC	TION PROJ	ECT DATA	2. Date FEB 2016			
3. Installation and Location/UIC:	1							
FORT BRAGG, NOR	TH CAROLINA		SOF PARA FACILITY	CHUTE RIGGI	NG			
5. Program Element 6. Category Code 7. Project Number 8. Project Cost (\$000)								
1140494BB	218		74813	21,	420			
(d) Date Design 100% Complete Sep 17 (a) Peremetric Estimates Used to Develop Costs								
(f) Type of D	esign Contract	lop C	0313	Design F	Ruild			
(g) Energy St	udv and Life Cvcle Anal	vsis P	erformed	Designi	Yes			
(2) Basis		J ~~~ -						
(a) Standard	or Definitive Design Use	d			Yes			
(b) Where D	esign Was Previously Us	sed		Eglin	AFB			
(3) Total Design	Cost			(\$	000)			
(a) Production	n of Plans and Specificat	ions			976			
(b) All Other	Design Costs				325			
(c) Total Cost	t(a + b or d + e)			1	.301			
(d) Contract (Cost				100			
(e) In-House	Cost			1	.201			
(4) Construction	Contract Award Date			Ma	ar 17			
(5) Construction	Start Date			Ji	ul 17			
(6) Construction	Completion Date			Ja	in 19			
B. Equipment Assoc Appropriations:	iated With This Project V	Vhich	Will be Provi	ded From Other	r			
Equipment	Procuring	F	V Appropriate	d	Cost			
Nomenclature	Appropriation	1.	or Requested	.u (\$	000			
Collateral Equipment	$\Omega M D W$		2018	<u>1</u>	747			
CAL Equipment	O&M, D-W		2018	1	303			
C4I Equipment	PROC D-W		2018		781			
e il Equipinent			2010		/01			
United States Army S Telephone: (910) 432	pecial Operations Comm 2-1296	hand						

1. Component	EV201	7 MII ITADV CONST	יסוומי			ЕСТ		2. Date	
USSOCOM	F 1 201	I WILLIAKI CUNSI	NUCI		I KUJ	ĽUI	DAIA	FEB 2016	
3. Installation and Lo	ocation/UIC:			4. Pro	ject Title				
FORT BRAGG NORTH CAROLINA					SOF TACTICAL EQUIPMENT				
					INTENA	ANCI	E FÀCILIT	Ϋ́Υ	
5. Program Element		6. Category Code	7. Proie	ect Nur	nber	8. Pro	oject Cost (\$00	0)	
1140404DD		014	J	()55	2		02		
1140494BB		214		6933	2		23,	598	
		9. COST ES	STIMAT	ES			-		
		Item		U/M	Quant	ity	Unit Cost	Cost (\$000)	
PRIMARY FACIL	ITY							16,575	
LARGE TEMF (CC	21410)(58,20	00 SF)		SM	5,40	7	1,858	(10,048)	
ORG VEHICLE PA	RKING (CC	85210)(77,000 SY)		SM	64,37	78	54	(3,482)	
ORGANIZATIONA	AL STORAG	E(CC21412) (29,400 SF)		SM	2,73	1	944	(2,578)	
POL & HAZ WAST	FE STORAGI	E (CC21470)(1,200 SF)		SM	112	2	1,830	(205)	
BUILDING INFOR	MATION SY	STEMS		LS				(74)	
SUSTAINABLE DI	ESIGN AND	DEVELOPMENT AND ENER	GY	LS				(188)	
POLICY ACT 2005	5 COMPLIAN	ICE							
SUPPORTING FA	CILITIES							3,949	
ELECTRICAL/ME	CHANICAL	UTILITIES		LS				(1,925)	
SITE IMPROVEMI	ENTS/DEMO	LITION		LS				(1,827)	
INFORMATION S	YSTEMS			LS				(123)	
PASSIVE FORCE	PROTECTIO	N MEASURES		LS				(74)	
ESTIMATED CON	TRACT COS	Т						20,524	
CONTINGENCY (5	5.0%)							1,026	
SUBTOTAL								21,550	
SUPERVISION, IN	SPECTION A	ND OVERHEAD (5.7%)						1,228	
SUBIOIAL		(4.00/)						22,778	
DESIGN BUILD DE	ESIGN COST	(4.0%)						820	
TOTAL DECLIEST								22 508	
TOTAL REQUEST								23,398	
FOLIPMENT PROV	VIDED FROM	A OTHER APPROPRIATIONS						(2,867)	
10 Description of I	Proposed Cor	estruction. Construct a Ta	ctical F	Fauir	nment M	lainte	nance Faci	$\frac{(2,007)}{\text{lity}(\text{TFMF})}$	
complex The n	roject incl	udes a large vehicle mai	ntenan	ce fa	cility ta	ctical	l organizati	onal vehicle	
parking organiz	zational st	orage petroleum and oth	ner haz	ardoi	is mater	ial et	orage Rui	lt_in building	
systems include	fire alarm	mass notification fire		aruot	utility	nana	gement co	ntrol	
telephone adva	nced com	nunications networks	suppies shla tal	lovici	on intri	inana ision	detection	closed circuit	
surveillance and	lelectroni	c access control systems	able ter	prot	ected die	stribu	tion system	Supporting	
facilities includ	a all relate	d site-work and utilities	(electri	ical	water a		nitary sew	er and	
information sys	tome distri	bution) lighting parkin		icai,	ives ro	as, sa ada h	untary sew	ourb and	
autter sidewalk	a atorm d	roinaga landaaaning arkii	g, acce	ss ur	improve	aus, 11	ta Spacial	curb and	
includes custain	s, storin a	ramage, ranuscaping, an		b L a	nipiove		is. Special	Environmentel	
Design (LEED)		ruction reatures comply	ing wit		auersnip		nergy and		
Design (LEED)	Silver v	viui ennancea commissi	oning.	ACC	ess for p	persor	18 WITH CIS	ionnues will	
be provided. C	omprehens	sive interior design, elec	tronic s	secur	ity syste	ems, a	and audio v	isual services	
are included. Th	ne project :	includes demolition of e	xisting	Tac11	ities. A	ir coi	nditioning:	791KW (225	
tons).									
DD Form	1001								

 $\mathbf{DD}_{1 \text{ Dec } 76}^{\text{Form}} \mathbf{1391}$

1. Component USSOCOM FY202	17 MILITARY CONST	RUC	TION PROJ	ECT DATA	2. Date FEB 2016		
3. Installation and Location/UIC:	ation/UIC: 4. Project Title						
FORT BRAGG NOR	TH CAROLINA		SOF TACT	CAL EQUIPM	ENT		
			MAINTENA	ANCE FÀCILIT	Ϋ́		
5. Program Element	6. Category Code7. Project Number8. Project Cost (\$000)						
1140494BB	214		69552	23,	598		
11. Requirement: 8,250 SM(88,800 SF) Adequate: 1,18	0SM(1	2,700SF) Subs	tandard: 1,950SM	I(21,000SF)		
PROJECT: Construct a	ΓEMF complex for the 93	5th Ci	vil Affairs Br	igade.			
<u>REQUIREMENT</u> : Adeq	uate facilities are require	ed to su	apport the Ari	my's directive fo	r 95th Civil		
Affairs Brigade transform	nation and programmed g	growth	from 200 per	rsonnel to 1,800	personnel by		
FY17. One Army standar	d large TEMF is required	d to pe	erform field le	evel maintenance	e and		
sustainment level mainter	nance at one consolidated	d facili	ity on all Brig	ade vehicles and	1 provide		
adequate organizational v	ehicle parking and stora	ge for	the Brigade e	quipment. This	facility will be		
collocated with all Battal	ion and Brigade Headqua	arters.					
CURRENT SITUATION	: The 95th Civil Affairs	Briga	de TEMF and	l petroleum, oil,	and lubricants		
(POL) functions are locat	ed in interim buildings Z	2-4645	, a 12,700 squ	are foot facility	constructed		
In 2010, and $E-19/4$, a 2	1,000 square foot facility	const	ructed in 1989	9. The 95th Civi	I Affairs		
Brigade has 5 battalions (ized and located in conc	1acili	nes, which wi	facility is colled	to other units.		
both facilities are unders	ized and located in conge	ested a	ireas. Neither	facility is conoc	ated with the		
μημ. ΙΜΡΛΟΤ ΙΕ ΝΟΤ ΡΡΟΥ	IDED. If this project is	not nr	ovided the 05	th Civil Affaire	Brigada		
vehicle maintenance will	<u>continue to be conducted</u>	d in a d	congested and	hazardous wor			
environment A high pote	eontifice to be conducted	ts evis	ts in the curre	ent motor pools	tue to the lack		
of space and congestion of	of private commercial a	nd org	anizational ve	hicles There is	a lack of		
organizational parking sp	ace surrounding the exis	ting fa	cility which	cannot be increa	used due to		
structural constraints and	environmental restriction	ns.	<i>(</i>),				
ADDITIONAL: Alternat	tive methods of meeting	this re	quirement ha	ve been explored	d during		
project development and	this project is the only fe	asible	option. This	project shall be	designed and		
constructed in accordance	e with U.S. Army Corps	of Eng	gineer's Techi	nical Instruction	s 800-01,		
Design Criteria; Fort Bra	gg Architectural Compat	ibility	Plan; Unified	l Facilities Code	(UFC) 3-600-		
01, Design Fire Protectio	n for Facilities; American	ns wit	h Disabilities	Act, Accessibili	ty Guidelines		
conforming to Architectu	ral Barriers Act, and con	sisten	t with 29 Unit	ted States Code	(U.S.C.) 794;		
National Fire Protection	Association (NFPA), Life	e Safe	ty Code 101;	National Electri	c Code (NFPA		
70); International Buildin	ig Codes; Standards of Se	eismic	Safety for Fe	derally Owned	Buildings;		
energy conservation stand	dards; other applicable D	OD ar	nd Army regu	lations and UFC	's; and		
applicable U.S. Federal E	Invironmental Laws and	Regul	ations. Sustai	inable engineeri	ng principles		
will be integrated into the	e design, development, ar	nd con	struction of th	ne project in acc	ordance with		
the Energy Policy Act 20	05 and Executive Orders	31312	3 and 13423.	Anti-terrorism/	force		
protection measures will	be included in accordance	e with	the current U	JFC 4-010-01, L	DOD		
Minimum Anti-Terrorism	1 Standards for Buildings	s, and	updates as app	plicable. The pro	oject site flood		
vulnerability determination	on has been accomplished	a by ti	ne installation	and will be part	f of the project		
DINT USE CEDTIEICA	TION N/A USSOCO	Mhud	lasts only for	those facilities	posifically for		
SOF use Common supp	ort facilities are budgeted	h by th	e military der	artments Refe	rence Title 10		
Section 165	on nacinities are budgetee	ı Üy ti		Jartinents. Refe	Tenee Thie To,		
12. Supplemental Data:							
A. Design Data (Esti	mates)						
					1		

1. Component USSOCOM	FY2017 MILITARY CONSTRUCTION PROJECT DATA 2. Date FEB 2016							
3. Installation and Lo	cation/UIC:	ation/UIC: 4. Project Title						
FORT BRAC	G, NORT	'H CAROLINA		SOF TACT	CAL EQUIPM	ENT Y		
5. Program Element	it 6. Category Code 7. Project Number 8. Project Cost (\$000)							
1140494BB		214		69552	23,:	598		
(1) Status (a) Date Design Started Nov 15								
(b) I	Percent Co	omplete as of January 20	16			10%		
(c) I	Date Desig	n 35% Complete			Ma	y 17		
(d) I	Date Desig	gn 100% Complete	1 9		Se	p 17		
(e) H	Parametric	Estimates Used to Deve	elop Co	osts	D ' T	Yes		
(f)	Type of De	esign Contract	· Ъ	C 1	Design E	Suild		
(g) I	Energy Stu	idy and Life Cycle Anal	ysis Pe	erformed		Yes		
(2) Basi	IS		1			N 7		
(a) . (b)	Standard O	r Definitive Design Use	D ad		Ealia	Yes		
(D) (2) Tota	where Des	sign was Previously Use	ed		Egin			
(3) 1012	li Design (Droduction	_OSL _of Plans and Spacificati	iona		(\$	000) 700		
(a) r	All Other I	Design Costs	10115			700 187		
(0) (0) (0)	Total Cost	$(a \pm b \text{ or } d \pm e)$				887		
	Contract C	(a + 0) (a + c)				87		
(a) ((e) I	n-House (lost				800		
(4) Con	struction (Contract Award Date			Ma	or 17		
(1) Con (5) Con	struction S	Start Date			Ji	ıl 17		
(6) Con	struction (Completion Date			Ja	n 19		
B. Equipme Appropriatio	ent Associa	ated With This Project V	Which	Will be Provi	ded From Other			
Equipment		Procuring	F	Y Appropriate	be	Cost		
Nomenclatu	re	Appropriation	-	or Requested	(\$	000)		
Collateral E	auipment	O&M. D-W	-	2018	1	.906		
C4I Equipm	ent	O&M, D-W		2018		429		
C4I Equipm	ent	PROC, D-W		2018		532		
United State Telephone:	s Army Sj (910) 432	pecial Operations Comm -1296	hand					

1. COMPONENT	FY 2017 MILITARY CONSTRUCTION PROGRAM ^{2. DATE} FEB 2016									
3. INSTALLATION AND LOC	ATION 4. COMMAND							5. AREA CON	ISTRUCTION	
KADENA AIR BAS	SE,	E, AIR FORCE SPECIAL OPERATIONS							COST INDEX	
JAPAN	-	C	COMMAND							1.//
6. PERSONNEL STRENGTH	PI	PERMANENT STUDENTS SUPPORTED							D	
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF SEP 15 B. END FY 21	123 122	582 680	17 19	0 0	0 0	0 0	0 0	0 0	0 0	722 821
			7	. INVENTOR	Y DATA (\$0)00)				
A. TOTAL AREA (ACRES)										11,210
B. INVENTORY TOTAL AS C	OF SEP 15									152,500
C. AUTHORIZATION NOT Y	ET IN INVEN	TORY (FY 1	5-16)							37,485
D. AUTHORIZATION REQUE	ESTED IN THI	S PROGRA	M (FY 17))						55,425
E. AUTHORIZATION INCLU	DED IN FOLL	OWING PR	OGRAM	(FY18)						36,400
F. PLANNED IN NEXT THRE	E YEARS (FY	19-21)								12,600
G. REMAINING DEFICIENCY	<i>č</i>									0
H. GRAND TOTAL										294,410
8. PROJECTS REQUESTED II CATEGORY CODE 211 SOF 172 SOF	N THIS PROG PRO F MAINTEN F SIMULAT	RAM: JECT TITLE VANCE H	E ANGAF	ξ MC130)	7,2	SCOPE 75 SM (7 15 SM (1	78,300 SF)	COST (\$000) 42,822	DESI START 3 02/15 2 02/15	GN STATUS COMPLETE 08/16 08/16
9. FUTURE PROJECTS	ShireEn	okinei		(10150)	1,0	15 5101 (1	10,900 BI)	12,00	2 02/13	00/10
CATEGORY CODE		PROJ	ECT TITL	Æ				SCOPE		COST (\$000)
a. Included in Following Progra 141 SOF SPE	am (FY18) CIAL TAC	FICS OPE	RATIO	NS FACILI	ТҮ	4	.357 SM (4	6.900 SF)	36.400
	N(10, 01)		-				, (- , ,	,	,
173 SOF HUN	MAN PERF	ORMAN	CE TRA	INING CE	NTER		966 SM (1	10,400 SF	7)	12,600
c. RPM Backlog: N/A 10. MISSION OR MAJOR FUN Special Operations Group refueling techniques and sp	ICTION and units pl pecial tactic	an and exe s personne	ecute spe el.	ecialized an	d continge	ncy oper	ations using	g advance	d aircraft, tac	tics and air
11. OUTSTANDING POLLUT	TION AND SA	FETY DEFI	CIENCIE:	S N/A						

1. Component	FY201	7 MILITARY CON	STRUC	TION	[PROJ]	ЕСТ	DATA	2. Date FEB 2016
3. Installation and Loca	ation/UIC:			4. Pro	ject Title			
KADENA AIR	BASE.	JAPAN		SC) F MAI	NTEN	NANCE HA	ANGAR
5 Program Element 6 Category Code 7 Proj					nber	8 Pro	$\frac{1}{1}$	
1140404DD			7.110 A EQ		02021	0.110	10 cost (\$00	
1140494BB		211	AFS	SOCIO	J3021		42,8	823
		9. COST	Γ ΕSTIMA	TES		•.	II. S. C. S.	Cost (\$000)
		Item		U/M	Quant	ity	Unit Cost	20,777
PRIMARY FACILII	Y 1) (16 000 S	ι <u>Γ</u>)		см	1 25	7	4 1 4 9	30,777
AMU/SHOPS (CC2)	1) (40,900 S 1115) (31 A)() SE)		SM	4,55	/ Q	4,148	(18,073) (12,104)
SUSTAINABLE DE	SIGN DEV	/FLOPMENT AND ENER	QCV		2,91	0	4,140	(12,104)
POLICY ACT 2005	COMPLIA	NCF	NO I	LS				(000)
SUPPORTING FAC	UTIES							7 517
UTILITIES				LS				(2,484)
PAVEMENTS				LS				(1.416)
SITE IMPROVEME	NTS			LS				(1,496)
COMMUNICATION	NS			LS				(1.051)
SPECIAL SITE CON	NDITIONS	MITIGATION		LS				(253)
WATER STORAGE]			LS				(293)
CRANES				EA	2		188,000	(376)
PASSIVE FORCE P	ROTECTIO	ON MEASURES		LS				(148)
SUDTOTAL								
CONTINGENCY (5%	()							1 915
continueller (5%	0)							
TOTAL CONTRACT	COST							40,209
SUPERVISION, INSI	PECTION A	ND OVERHEAD (6.5%)						2.614
,								
TOTAL REQUEST								42,823
TOTAL REQUEST (I	ROUNDED)						42,823
EQUIPMENT FROM	OTHER A	PPROPRIATIONS						(7,604)
10. Description of Pro	oposed Cor	struction: Two-bay air	rcraft har	ıgar w	ith conc	erete f	foundation	and floor slab,
steel high bay, sta	anding se	am metal roof, crane	s, motori	zed ha	angar do	ors a	nd tracks, f	fire alarm and
suppression syste	em to incl	ude water storage tan	iks, and a	all nec	essary s	uppo	rt. Aircraf	t maintenance
unit (AMU) requi	ires admi	nistrative areas, tool	room, su	pply/t	bench st	ock a	rea, storage	e, shop areas,
emergency showe	er and ey	ewash stations, locke	r areas w	ith sh	ower, bi	reak a	area, etc. In	ncludes
utilities, pavemen	nts, site in	nprovements, commu	unication	s and	all other	r nece	essary supp	ort. New
oadway and park	king area	includes associated p	orimary u	tilities	s/comm	unica	tions and r	ealignment of
existing as requir	ed. Pave	ments also include ai	rfield pa	vemer	nts to pr	ovide	aircraft ac	cess to the
hangar. Special si	ite condi	ions exist which will	require a	additic	onal fill	and s	tabilizatior	n of the site
and possible mitig	gation fo	r cultural resources	All work	carrie	ed out is	to co	mply with	current Base
Air Force and Ho	ost Natio	n standards Air cond	ditioning	· 2861	kW (82	tons)	inpig with	carrent Dube,
1 Decembrance 7	275 SM	(79 200 SE)		<u>0 SM</u>	K ((02	(0115)	C	0.5M
DOIECT. Conc	,275 SIVI (intenence Henger	Adequate:	0.5141		i	Substanuaru:	0.5141
DEOLIDENTENT		intenance naligar.	wared -	ndar	-	l far	o mult h	, aimanaft
	<u>i:</u> Adeqi	ate facilities, properly	y sized a		ingured	i, for	a multi-bay	
angar and an AN	$v_{\rm I} \cup$ to su	pporting MC-130 airc	craft and	maint	enance	unit.	Hangar spa	ice 1s
authorized to con	duct recu	irring maintenance ar	nd inspec	t10n th	ne fleet,	phase	e level mai	ntenance of
arcraft and provi	de protec	ction from the elemen	ts. Deve	lopme	nt of the	e spec	cial operation	ons mobility
capacity supports	primary	mission of insertion,	extraction	on, and	d re-sup	ply o	f unconven	tional warfare
Form -	1301							
$1 \text{ Dec } 76^{-1}$	1391							

USSOCOM FY201	7 MILITARY CONST	RUCTION PROJ	IECT DATA	2. Date FEB 2016
3. Installation and Location/UIC:		4. Project Title		
KADENA AIR BASE,	JAPAN	SOF MAI	INTENANCE H	ANGAR
5. Program Element	6. Category Code	7. Project Number	8. Project Cost (\$0	00)
1140494BB	211	AFSOC103021	42,	823
forces and equipment into <u>CURRENT SITUATION</u> storage spaces that are occu usually stored indoors will scheduling; also operating operations in multiple fac storage, and Consolidated so far away from the hang transport personnel, tools bays and maintenance sho reduced mission capability in inclement weather and aircrews as well as airfrant <u>IMPACT IF NOT PROVI</u> as crews work from dispe impact the special operation due to a reduced aircraft a and darkness will directly readiness creates an overal missions. <u>ADDITIONAL</u> : This pro "Facility Requirements." Section 1.22 and is pendin accordance with Unified I Standards for Buildings d integrated into the design, Energy Policy Act 2005, I (c), and other applicable I determination has been act within the 100-year flood <u>JOINT USE CERTIFICA</u> SOF use. Common suppo <u>Section 165.</u> 12. Supplemental Data: A. Design Data (Estir (1) Status (a) Date Desig (b) Percent Co (c) Date Desig (d) Date Desig (d) Date Desig	hostile or enemy-control Special operations main cupied by other units; op l be staged outside. Hang g with a space shortfall. ilities without adjacent not Tool Kit mobility storag gars that maintenance per and parts for daily mainten ops, maintenance operation y. In addition to the imp under temporary lighting mes. <u>IDED:</u> Day-to-day mainten rsed locations. The lack ons maintenance turn-are wailability rate. Without impact mission readines ill negative impact to operation get meets the criteria/sc An economic analysis w g. Anti-terrorism/force p Facilities Criteria (UFC) ated 9 February 2012. S development, and const Executive Orders 13123 aws and Executive order scomplished and the insta- plain. <u>TION:</u> N/A. USSOCO rt facilities are budgeted mates) gn Started omplete as of January 20 gn 35% Complete gn 100% Complete	Iled territory using ntenance unit will erating with a spac gar bay access will Available space win aintenance shops, ge. Interim aircraft sonnel will routine tenance. Without a ons are inefficient, act on mission cap g increases the safe tenance operations of adequate hangar bund times which we t covered maintena is. Reduced aircraft erations in support ope specified in Ai aiver will be requir protection measure 4-010-01, DOD M ustainable engineer ruction of the project and 13423, 10 Uni s. The project site allation verified tha M budgets only for by the military dep	airland or airdre use existing mai e shortfall. Select be worked throu ill drive the unit covered storage parking has the ely require use of an adequate num resulting in a hig ability, maintena ty risk for maint will continue to facilities will ad will impact flying ince space, inclu- ft availability and of USSOCOM/S ir Force Manual red based on AF is will be include finimum Anti-Te- ring principles we et in accordance ted States Code flood vulnerability at the project site those facilities is partments. Refer	op procedures. ntenance and ctive items ugh into split , engine aircraft located f a vehicle to ber of hangar gh potential for ance operations ainers and be inefficient dversely g operations ment weather d mission SOCPAC 32-1084, I 65-501 ed in errorism vill be e with the (U.S.C.) 2802 lity e does not fall specifically for ence Title 10, eb 15 60% ng 15 ug 16

						-		
1. Component USSOCOM	FY201	7 MILITARY CONST	RUC	FION PROJ	ECT DATA	2. Date FEB 2016		
3. Installation and Lo	ocation/UIC:			4. Project Title				
KADENA AI	R BASE,	JAPAN		SOF MAINTENANCE HANGAR				
5. Program Element	. Program Element 6. Category Code 7. Project Number 8. Project Cost (\$000							
1140494BB		211	AFSOC103021 42,823					
(f) 7	Type of De	esign Contract			Design Bid F	Build		
(g) l	Energy Stu	idy and Life Cycle Anal	ysis Po	erformed	-	No		
(2) Basi	is							
(a) .	Standard o	or Definitive Design Used	d			No		
(b)	Where De	sign Was Previously Use	ed			N/A		
(3) Tota	ıl Design (Cost			(\$	000)		
(a) I	Production	of Plans and Specificati	ions		3	3,242		
(b) A	All Other I	Design Costs			2	2,161		
(c) [Fotal Cost	(a + b or d + e)			5	5,403		
(d) (Contract C	lost			3	3,782		
(e) I	n-House (Cost			1	,621		
(4) Con	struction (Contract Award Date			Ja	ın 17		
(5) Con	struction S	Start Date			Ar	pr 17		
(6) Con	struction (Completion Date			Ap	pr 19		
B. Equipme	ent Associ	ated With This Project V	Vhich	Will be Prov	ided From Other	r		
Appropriation	ons:							
Equipment		Procuring	F	Y Appropria	ited	Cost		
Nomenclatu	re	Appropriation		or Requested (\$000)				
Collateral E	quipment	O&M, D-W		2019	5	5,958		
C4I Equipm	ent	O&M, D-W		2019	1	,646		
Air Force Sp	pecial Ope	rations Command						
Telephone:	(850) 884	1-2260						

1. Component	FY201	7 MILITARY CONST	RUC	TION	PROJ	ЕСТ	FY2017 MILITARY CONSTRUCTION PROJECT DATA 2. Date FEB 2016						
3. Installation and Log	cation/UIC:			4. Pro	iect Title								
	DDACE	ΙΔΟΔΝΙ		SOF SIMULATOR FACILITY (MC 120)									
KADENA AIr	X DASE,	JAPAN	7 Dave	SOF SIMULATOR FACILITY (MC-150)									
5. Program Element:		6. Category Code	7. Proj	8. Project Cost (50)())						
1140494BB		172	LX	EZ12	3484		12,0	602					
		9. COST E	STIMA	TES	1								
		Item		U/M	Quant	tity	Unit Cost	Cost (\$000)					
PRIMARY FACILI	TY TUTV (CC1	7101)(10 000 SE)						5,376					
SUSTAINABLE DESIGN DEVELOPMENT AND ENERGY				SM	1,01	5	5,191	(5,269)					
SUSTAINABLE DESIGN, DEVELOPMENT AND ENERGY				LS				(107)					
SUPPORTING FAC	TLITIES			τc				5 00 4					
UTILITIES								5,894					
PAVEMENTS								(3,942)					
SITE IMPROVEM	ENTS							(098)					
COMMUNICATIO	NS							(356)					
MITIGATION								(710)					
PASSIVE FORCE	PROTECTIO	ON MEASURES		LS				(155)					
								(27)					
SUBTOTAL								11.270					
CONTINGENCY								563					
TOTAL CONTRAC	T COST							11,833					
SIOH (6.5%)								769					
TOTAL REQUEST								12,602					
TOTAL REQUEST	(ROUNDED))						12,602					
EQUIPMENT FROM	M OTHER A	PPROPRIATIONS						(626)					
10. Description of P	roposed Cor	nstruction: Concrete foun	dation	and f	loor slal	b, stee	el structure	, masonry					
walls, sloping m	etal roof,	fire alarm panels, fire s	uppres	sion s	ystem to	o incl	ude water s	storage tanks,					
and all necessary	y support.	Functional areas inclue	de clas	sroom	ns, briefi	ing ro	oms, libra	ry, software					
preparation roon	n, data ba	se generation room, and	admir	nistrati	ion. Inc	ludes	s utilities, p	pavements, site					
improvements, c	communic	ations and all other nec	essary	suppo	ort. Proje	ect pr	ovides new	v roadway with					
associated prima	ary utilitie	s/communications and i	ealign	ment	of existi	ing as	required.	Project					
includes mitigati	ion as req	uired for possible cultur	al resc	urces.	. All we	ork ca	arried out is	s to comply					
with current Bas	e, Air Foi	rce, and Host Nation sta	ndards	. Air	condition	oning	: 18 tons						
11. Requirement:	1,015 SM	(10,900 SF) Adequ	ate: 0	SM	5	Substar	ndard: 0 SN	N					
PROJECT: Con	struct Sin	nulator Facility (MC-13	0J)										
REQUIREMEN	<u>T:</u> This p	project supports aircrew	trainin	g by p	providin	ig a w	eapon syst	tem trainer					
(WST) for the ne	ew MC-12	30J model aircraft. This	s is par	t of th	e AFSC)C re	capitalizati	on of older					
MC-130s. It is re	equired to	provide an adequate fa	cility f	or airc	craft cre	ws of	the specia	l operations					
squadron to cond	duct requi	red aircraft currency, co	ontinua	tion, ı	upgrade	, and	refresher t	raining, as					
well as specific i	mission re	ehearsals. The WST will	ll nega	te the	need to	send	crews tem	porary duty					
(thus not availab	ole for oth	er duties during travel ti	ime) to	CON	US for	simul	lator trainii	ng, allow them					
to log currency events in the simulator (up to 50%) versu				us in t	he aircr	aft, a	ccomplish	emergency					
procedures, participate in live and virtual exercises, with				n over	all redu	iction	s in flying	hours.					
Development of the special operations mobility capacity supports primary mission of insertion,					insertion,								
DD Form	1001												
$DD_{1 \text{ Dec } 76}$	1391							1					

. Component USSOCOMFY2017 MILITARY CONSTRUCTION PROJECT DATA2. Date FEB 2016							
3. Installation and Location/UIC: 4. Project Title							
KADENA AIR BASE, JAPANSOF SIMULATOR FACILITY			LITY (MC-130)				
5. Program Element:		6. Category Code	7. Proj	ect Number	8. Project Cost (\$00	(00	
1140494BB		172	LX	EZ123484	12,	602	
extraction, and re-supply of unconventional warrare forces and equipment into nostile of 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. <u>CURRENT SITUATION</u> : 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. IMPACT IF NOT PROVIDED: Increased flying hours does not allow for all high risk maneuvers to be a simulated due to explanate a significant core and the facility is not according to a simulator and the provide to a simulator and the provide to a simulator to a simulator training the work of training in FY20.							

training events required to maintain currency and qualification in the aircraft resulting in an overall negative impact to USSOCOM/SOCPAC missions. ADDITIONAL: This project meets the criteria/scope specified in Air Force Manual 32-1084,

"Facility Requirements." An economic analysis waiver will be required based on AFI 65-501 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.

2. Supplemental Data:		
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	

USSOCOM FY2017 MILITARY CONSTRUCTION PROJECT DATA							
ocation/UIC:			4. Project Title				
R BASE,	JAPAN		SOF SIMU	LATOR FACILITY (MC-130)			
	6. Category Code	7. Proj	ect Number	8. Project Cost (\$0	00)		
	172	LX	EZ123484	12,	12,602		
Energy Stu is	dy and Life Cycle Anal	ysis Po	erformed		No		
Standard o	r Definitive Design Use	d			No		
(b) Where Design Was Previously Used							
al Cost				(\$	000)		
roduction	of Plans and Specificat	ions			954		
All Other I	Design Costs $(a + b \text{ or } d + a)$			1	030 500		
Contract C	(a + b or a + e)			1	.,390		
n House (Cost			1	540		
struction (Contract Award Data			Ic	540 on 17		
struction 9	Start Date			Jζ Δı	ur 17 or 17		
struction (Completion Date			A	or 19		
ent Associ	ated With This Project V	Which	Will be Prov	ided From Other	~		
ons:		, men	··· III 00 110 ··				
	Procuring	F	Y Appropria	ited	Cost		
re	Appropriation		or Requeste	<u>d (\$</u>	<u>6000)</u>		
quipment	O&M, D-W		2019		447		
ent	O&M, D-W		2019		179		
pecial Ope (850) 884	erations Command 4-2260						
	FY201 cation/UIC: R BASE, Energy Stu- is Standard of Where De- al Cost Production All Other I Fotal Cost Contract C in-House (struction (stru	FY2017 MILITARY CONST reation/UIC: R BASE, JAPAN 6. Category Code 172 Energy Study and Life Cycle Analis Standard or Definitive Design Use Where Design Was Previously Us I Cost Production of Plans and Specificat All Other Design Costs Fotal Cost (a + b or d + e) Contract Cost In-House Cost struction Contract Award Date struction Completion Date Procuring Procuring Procuring Procuring Procuring Procuring Procuring Procuring Quipment O&M, D-W becial Operations Command (850) 884-2260	FY2017 MILITARY CONSTRUCT reation/UIC: R BASE, JAPAN 6. Category Code 7. Proj 172 LX Standard or Definitive Design Used Where Design Was Previously Used I Cost Standard or Definitive Design Used Where Design Was Previously Used I Cost Production of Plans and Specifications All Other Design Costs Fotal Cost (a + b or d + e) Contract Cost In House Cost struction Contract Award Date struction Completion Date ontract Cost Struction Completion Date Procuring F Procuring Mappropriation quipment O&M, D-W ent O&M, D-W pecial Operations Command (850) 884-2260	FY2017 MILITARY CONSTRUCTION PROJ reation/UIC: 4. Project Title R BASE, JAPAN SOF SIMU 6. Category Code 7. Project Number 172 LXEZ123484 Inergy Study and Life Cycle Analysis Performed is Standard or Definitive Design Used Where Design Was Previously Used Where Design Costs Production of Plans and Specifications All Other Design Costs Fotal Cost (a + b or d + e) Contract Cost ontract Cost struction Completion Date ent Associated With This Project Which Will be Provons: Procuring Procuring FY Appropriation or Requeste quipment O&M, D-W 2019 pecial Operations Command (850) 884-2260	FY2017 MILITARY CONSTRUCTION PROJECT DATA cation/UIC: R BASE, JAPAN SOF SIMULATOR FACIL 6. Category Code 172 LXEZ123484 12, Bergy Study and Life Cycle Analysis Performed is 8. Project Cost (\$00 Standard or Definitive Design Used Where Design Was Previously Used I Cost (\$\$ 7roduction of Plans and Specifications 11 All Other Design Costs 1 Tortact Cost 1 n-House Cost 1 struction Contract Award Date 1 struction Completion Date Aj mt Associated With This Project Which Will be Provided From Other ons: 2019 ent O&M, D-W 2019 ent O&M, D-W 2019 pecial Operations Command (\$50) 884-2260		

1. COMPONENT	FY 2	017 M	ILITA	RY CON	STRUC	TION I	PROGR	AM	2. DATE FEI	B 2016
3. INSTALLATION AND L	LOCATION	4. COM	MAND	RCE SPE	CIAL O	PERAT	IONS		5. AREA CON COST INDE	STRUCTION X
JAPAN	ASE	C	COMMA	AND						1.79
6. PERSONNEL STRENG	ГН РЕ	RMANEN	Г		STUDENTS			SUPPORTE	D	
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF SEP 15 B. END FY 21	1141 1141	317 317	270 270	0 0	0 0	0 0	0 0	0 0	0 0	1,728 1,728
A TOTAL AREA (ACRES	()		7	. INVENTOR	Y DATA (\$	000)				1 750
B INVENTORY TOTAL	AS OF SEP 15									1,750
C. AUTHORIZATION NO	T YET IN INVENT	FORY (FY)	5-16)							1,099,970
D. AUTHORIZATION RE	OUESTED IN THI	S PROGRA	M (FY17)							113 731
E. AUTHORIZATION INC	LUDED IN FOLL	OWING PF	ROGRAM	(FY18)						0
F. PLANNED IN NEXT TH	IREE YEARS (FY	19-21)		. ,						0
G. REMAINING DEFICIE	NCY									0
H. GRAND TOTAL										1.813.701
8. PROJECTS REQUESTE	ED IN THIS PROG	RAM:								-,,
CATEGORY CODE	PROJE	CT TITLE			SC	OPE		COST (\$000)	DESI START	GN STATUS COMPLETE
113 AIRF	TELD APRON			54	4,574 SM	(65,270 S	Y)	41,294	10/14	08/16
141 OPE	GAR/AMU RATIONS ANI	WARE	HOUSE		5,809 SM (5,621 SM ((73,300 S (60,500 S	SF) SF)	39,466 26,710	10/14 10/14	10/16 10/16
FACI 172 SIMI	LITIES ILATOR FACI	LITY			845 SM (9 100 S	F)	6 261	10/14	10/16
9. FUTURE PROJECTS						<i>)</i> ,100 B	. /	0,201	10/11	10/10
CATEGORY CODE			PRO	IECT TITLE				SCO	ÞE	COST (\$000)
a. Included in Following Pr	ogram (FY18)		TRO					5001		(\$000)
b. Planned Next Three Yea	rs (FY19-21)									
NONE										
										_
Special Operations Gro	oup and units play	an and ex	ecute spe	ecialized an	d continge	ency oper	ations usin	g advance	ed aircraft, tact	ics and air
refueling techniques an	d special tactics	s personn	el.		-			-		
11 OUTSTANDING POLI	UTION AND SAF	ETY DEFI	CIENCIES							
N/A										

1. Component USSOCOM FY 201	FY 2017 MILITARY CONSTRUCTION PROJECT DATA 2. Date FEB 2016						
3. Installation and Location/UIC:			4. Pro	ject Title:			
YOKOTA AIR BASE,	JAPAN		AIRFIELD APRON				
5. Program Element	6. Category Code	7. Proj	ect Nur	nber	8. Pro	oject Cost (\$00	0)
1140494BB	113	AFS	SOC1	03022		41,2	294
	9. COST ES	STIMA	ГES				
	Item		U/M	Quant	ity	Unit Cost	Cost (\$000)
PRIMARY FACILITY							16,575
APRON (CC11332) (35,900 SY)				30,01	7	240	(7,204)
TAXIWAY (CC11221) (17,600 S	SY)		SM	14,71	6	240	(3,532)
SHOULDERS (CC11664) (11,77	(0 SY)		SM	9,84	1	120	(1,181)
PRIMARY DISTRIBUTION LIN	NE UG (CC81222) (9,900 LF)		LM	3,01	8	1,438	(4,340)
SUSTAINABLE DESIGN AND	DEVELOPMENT AND ENER	GY	LS				(318)
POLICY ACT 2005 COMPLIAN	ICE						
SUPPORTING FACILITIES							20,353
UTILITIES			LS				(6,238)
PAVEMENTS & ROADWAYS			LS				(1,909)
SITE IMPROVEMENTS			LS				(269)
COMMUNICATIONS & DUCT	BANK		LS				(1,231)
AIRFIELD/ROADWAY LIGHT	ING		LS				(2,164)
ANTENNA PADS AND BUILD	ING (TRANSMITTER)		LS				(1,569)
ELEVATED WATER STORAG	E		LS				(2,493)
DEMOLITION (NON FACILITY	Y)/MITIGATION		LS				(3,682)
GUARD HOUSE (75 SF)			SM	7		11,900	(83)
PASSIVE FORCE PROTECTIO	N MEASURES		LS				(715)
SUBTOTAL							 36 928
CONTINGENCY (5%)							1 847
TOTAL CONTRACT COST							38.774
SUPERVISION, INSPECTION A	AND OVERHEAD (6.5%)						2,520
TOTAL REQUEST							41,294
TOTAL REQUEST (ROUNDEI	D)						41,294
EQUIPMENT FROM OTHER A	PPROPRIATIONS (NON-ADI	D)					(2,579)
10. Description of Proposed Con	struction: Aircraft parking	g apro	n with	1 associa	ated t	axiways an	d shoulders
required to accommodate	CV-22 aircraft. Work to	o inclu	ide all	lsubgra	de an	d subbase v	work,
drainage, airfield lighting,	, grounding, mooring, m	arking	, airfi	eld secu	rity f	encing, acc	cess control
security gates, bollards, co	ontingency guard house,	apron	area	lighting	and o	other neces	sary airfield
support. Provides new fli	ght line road and overall	site r	oad ne	etwork v	vith s	upporting	primary and
secondary utilities and con	mmunications infrastruc	tures,	and re	ealignme	ent of	existing as	s required.
Apron is to be integrated	into existing airfield pav	ement	s. Ne	w anten	na pa	ds and bui	lding to be
provided to support reloca	ation of ground antenna	transm	itter.	Project	prov	ides all prin	mary and
secondary roadways, utilities, site improvements, communications, demolition, and mitigation for					nitigation for		
possible dud munitions for site preparation in support of the apron and three MILCON projects					N projects		
(AFSOC103007 Hangar/A	AMU, AFSOC103008 O	perati	ons ar	nd Ware	house	e Facilities.	and
AFSOC103010 Simulator	Facility). All work car	ried or	it is to	o comply	v with	n current ha	ase, Air Force
and Host Nation standard	s. Air conditioning: 53	kW (1	5 tons	s)			,

 $\textbf{DD} \stackrel{Form}{1 \text{ Dec } 76} \textbf{1391}$

1. Component USSOCOM	FY 201	ECT DATA	2. Date FEB 2016			
3. Installation and Location/UIC: 4. Project Title:						
YOKOTA AIR BASE, JAPAN AIRFIELD APRON					O APRON	
5. Program Element		6. Category Code	7. Pro	ject Number	8. Project Cost (\$00)0)
1140494BB		113	AFS	SOC103022	41,	294
					0.07	

11. Requirement:54,574 SM (65,270 SY)Adequate:0 SMSubstandard:0 SM<u>PROJECT:</u>Construct airfield pavements.

<u>REQUIREMENT:</u> 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 resupply of unconventional warfare forces and equipment into hostile or enemy-controlled territory using airland or airdrop procedures.

<u>CURRENT SITUATION:</u> 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.

<u>IMPACT IF NOT PROVIDED</u>: 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.

<u>ADDITIONAL</u>: This project meets the criteria/scope specified in Air Force Manual 32-1084, "Facility Requirements," UFC 3-260-1 and "Airfield & Heliport Planning & Design." An economic analysis waiver will be required based on AFI 65-501 Section1.22 and is pending. 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. Antiterrorism/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.

<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.

1. Component	FY 20 1	17 MILITARY CONST	ſRUC	TION PROJ	ECT DATA	2. Date FEB 2016		
3. Installation and Lo	ocation/UIC:			4. Project Title:				
VOVOTA AI	DDACE	ΤΑ ΌΑΝΙ						
IUKUIA AI	K BASE,	JAPAN		AIKFIELI				
5. Program Element		6. Category Code	7. Proj	ject Number	8. Project Cost (\$00	10)		
1140494BB		113	AFS	SOC103022	022 41,294			
12. Supplemental I	Data:	 						
A. Design J	A. Design Data (Estimates)							
(1) Stat	us							
(a)]	Date Desig	gn Started			Oc	xt 14		
(b)	Percent Co	omplete as of January 20)16			40%		
(c)	Date Desig	gn 35% Complete			No	v 15		
(d)	Date Desig	gn 100% Complete	_		Au	g 16		
(e) Parametric Cost Estimates Used to Develop Costs Yes						Yes		
(f) Type of Design Contract Design Bid Build						Build		
(g)	Energy Stu	udy and Life Cycle Anal	ysis P	erformed		No		
(2) Bas	15							
(a) (a)	Standard o	or Definitive Design Use	d			No		
(b)	Where De	sign Was Previously Use	ed		<u>ر</u> ه	N/A		
(3) 10ta	al Cost				(\$)	000)		
(a)	Productio	n of Plans and Specifica	tion		3	,126		
(D)	All Other	Design Costs				,084		
(C)	Total Cos	f(a + b or a + e)			5	,210		
(a)	Contract	Cost			3	,491		
(e)	In-House	Cost			l Ma	,/19		
$(4) \operatorname{Con}(5) \operatorname{Con}(5)$	struction (Contract Award Date			IVI8	ur 17		
(5) Con	istruction a	Start Date			AL)r 1 /		
(6) Con	struction C	Completion Date	· . 1		Jl	11 19		
B. Equipine	ent associa	ited with this project will	ICII WI	II be provided	I from other			
appropriatio	ons:							
Equipment		Procuring		FY Appropria	ated	Cost		
<u>Nomenclatu</u>	ire	<u>Appropriation</u>		<u>or Requeste</u>	<u>ed</u> (\$	000)		
Collateral E	quipment	O&M, D-W		2019	1	,987		

2019

Air Force Special Operations Command Telephone: (850) 884-2260

O&M, D-W

C4I Equipment

592

1. Component USSOCOM	FY 20 1	17 MILITARY CONST	ruc	TION	N PROJ	ЕСТ	DATA	2. Date FEB 2016	
3. Installation and Loca	ation/UIC:			4. Project Title:					
YOKOTA AIR	BASE,	JAPAN		HA	ANGAR	/AM	U		
5. Program Element		6. Category Code	7. Proj	roject Number 8. Project Cost (\$000)					
1140494BB		211	AFS	SOC1	03007		39,4	9,466	
		9. COST E	STIMA	TES					
		Item		U/M	Quant	ity	Unit Cost	Cost (\$000)	
PRIMARY FACILITY								32,762	
HANGAR/AMU (CC)	21111) (32	,800 SF)		SM	3,04	7	4,717	(14,373)	
AMU/SHOPS (CC211	115) (40,50	0 SF)	l	SM	3,76	2	4,717	(17,745)	
SUSTAINABLE DES	IGN AND	DEVELOPMENT AND ENER	GY	LS				(644)	
POLICY ACT 2005 C	COMPLIAN	ICE	l						
SUPPORTING FACE	LITIES		l					2,530	
UTILITIES				LS				(86)	
PAVEMENTS			l	LS				(438)	
SITE IMPROVEMEN	JTS		l	LS				(184)	
COMMUNICATIONS	S		l	LS				(9)	
AIRFIELD PAVEME	NTS		l	LS			(1,155)		
CRANES				EA	2		171,000	(342)	
MITIGATION				LS				(155)	
PASSIVE FORCE PR	OTECTIO	N MEASURES	l	LS				(161)	
			İ						
SUBTOTAL								35,292	
CONTINGENCY (5%	5)							1,765	
TOTAL CONTRACT	COST							37,057	
SUPERVISION, INSF	PECTION /	AND OVERHEAD (6.5%)						2,409	
TOTAL REQUEST								39,466	
TOTAL REQUEST (ROUNDEI	D)	l					39,466	
EQUIPMENT FROM	OTHER A	PPROPRIATIONS (NON-ADI))					(7,909)	
10. Description of Pro	mosed Cor	struction: Three bay aircr	aft ha	ngar v	with con-	crete	foundation	and floor	
slab. steel high ba	av. stand	ing seam metal roof. cra	nes. rr	otoriz	zed hans	par do	oors and tra	acks. fire alarr	
and suppression s	system to	include cranes, and all	necess	sarv si	upport.	Aircr	aft mainter	nance unit	
(AMI) requires s	such area	as as administrative, tool	room	supp	lv/bencl	h stoc	k area, sto	rage shop	
areas emergency	shower	and evewash stations. Ic	cker a	reas v	with sho	wer	and break a	area Includes	
utilities navemer	ite site i	morovements communi	cation	e and	all other	r nece	ecary sunr	ort Hangar	
access airfield na	vomente	will clear excavate nla	ce has	o mat	arial and	1 con	orete naver	ment escalat	
shoulder airfield	marking	will cical, cheavait, pla	otorn	o draii	citat and	hting	ciele paver	hor nocossary	
shoulder, anneld	filar King	into now airfield apron	Droio	1 uran	age, ng	1111112 2077	Airfield Ar	ner necessary	
support and or in	legialeu	into new anneu apron.	Pioje		SUCIU.	5022 	Anneia A	proli provides	
all primary and se	Conuar y	roadways, unnues, site		Venie	nts, con	1IIIuii	1Cations, ai	ad mugation	
for possible and n	nunition	s for site preparation. A	ll wor	k carr		is to c	comply wit	h current base	
Air Force, and Ho	ost Natic	on standards. Air conditi	oning	: 26:	3 KW (/:	o tons	5)		

11. Requirement:6,809 SM (73,300 SF)Adequate:0 SMSubstandard:0 SMPROJECT:Construct Hangar/AMU facility.REQUIREMENT:Adequate facilities, properly sized and configured, for a multi-bay aircraft

1. Component USSOCOM	FY 2017 MILITARY CONSTRUC	Y 2017 MILITARY CONSTRUCTION PROJECT DATA					
3. Installation and Lo	cation/UIC:	4. Project Title:					
YOKOTA AIR BASE, JAPAN		HANGAR/AMU					

5. Program Element	6. Category Code	7. Project Number	8. Project Cost (\$000)
1140494BB	211	AFSOC103007	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.

<u>ADDITIONAL</u>: This project meets the criteria/scope specified in Air Force Manual 32-1084, "Facility Requirements." An economic analysis waiver will be required based on AFI 65-501 Section1.22 and is pending. Anti-terrorism/force protection measures will be included in accordance with Unified Facilities Criteria (UFC) 4-010-01, DOD Minimum Anti-Terrorism Standards for Buildings dated 9 February 2012. Sustainable engineering principles will be integrated into the design, development, and construction of the project in accordance with the Energy Policy Act 2005, Executive Orders 13123 and 13423, 10 United States Code (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.

<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.

1. Component USSOCOM	FY 20 2	17 MILITARY CONST	RUC	TION PROJ	ECT DATA	2. Date FEB 2016		
3. Installation and Lo	ocation/UIC:			4. Project Title:				
ҮОКОТА АІ	R BASE,	JAPAN		HANGAR	JAMU			
5. Program Element	-	6. Category Code	de 7. Project Number 8. Project Cost (\$000)					
1140494BB		211	AFS	SOC103007	39,4	466		
12. Supplemental I	Data:							
A. Design l	A. Design Data (Estimates)							
(1) Stat	us	~ 1			0			
(a)	Date Desig	gn Started			Oc	ct 14		
(b)	Percent Co	omplete as of January 20	16		Ŧ	35%		
(c)	Date Desig	gn 35% Complete			Ja	n 16		
(d)	Date Desig	gn 100% Complete	-		Oc	ct 16		
(e) Parametric Cost Estimates Used to Develop Costs Yes								
(f) Type of Design Contract Design Bid Build						Build		
(g)	Energy Stu	udy and Life Cycle Anal	ysis P	erformed		No		
(2) Bas	is ~							
(a)	Standard	or Definitive Design Use	be			No		
(b)	Where De	sign Was Previously Use	ed		(b	N/A		
(3) Tota	al Cost		_		(\$	000)		
(a) I	Production	of Plans and Specificati	ion		2	,,988		
(b) .	All Other	Design Costs			1	,991		
(c) [Fotal Cost	(a + b or d + e)			4	,979		
(d)	Contract C	Cost			3	,336		
(e) J	In-House (Cost			1	,643		
(4) Con	struction (Contract Award Date			Ma	.y 17		
(5) Con	struction S	Start Date			Ju	n 17		
(6) Con	struction (Completion Date			O	et 19		
B. Equipme	ent associa	ated with this project whi	ich wi	ll be provided	l from other			
appropriatio	ons:							
Equipment		Procuring		FY Appropria	ated	Cost		
Nomenclatu	re	<u>Appropriation</u>		or Requeste	<u>ed (\$</u>	<u>000)</u>		
Collateral E	quipment	O&M, D-W		2019	6	,059		

O&M, D-W

2019

1,850

Air Force Special Operations Command Telephone: (850) 884-2260

C4I Equipment

1. Component	EX7 201		DUC	тілі		тот	ЛАТА	2. Date	
USSOCOM	F Y 201	I/ MILITARY CONSI	KUC	HOP	N PROJ	ECI	DAIA	FEB 2016	
3. Installation and Location/UIC:			4. Project Title:						
YOKOTA AIR BASE JAPAN			OPERATIONS AND						
TOROTA AIR DASE, JAI AN				W	AREHC	DUSE	FACILIT	ES	
5. Program Element	5 Program Element 6 Category Code 7 Pro-			Diect Number 8. Project Cost (\$000)					
1140404DD		1.4.1		001	02000				
1140494BB		141	AFS	SOCI	03008		20,	/10	
	9. COST ESTIMATES								
]	Item		U/M Quantity		ity	Unit Cost	Cost (\$000)	
PRIMARY FACILI	ГҮ							22,390	
SQUADRON OPER	ATIONS (C	C14175)(20,500 SF)		SM	M 1,905		5,241	(9,984)	
HEADQUARTERS	GROUP OPI	ERATIONS (CC61024)(7,200 S	F)	SM	66	9	5,241	(3,506)	
WAREHOUSE (CC4	44275)(32,80	00 SF)		SM	3,047		2,774	(8,452)	
SUSTAINABLE DE	ESIGN AND	DEVELOPMENT AND ENER	GY	LS				(448)	
POLICY ACT 2005	COMPLIAN	ICE							
SUPPORTING FAC	ILITIES							1,496	
UTILITIES				LS				(214)	
PAVEMENTS				SM	5,64	4	101	(570)	
SITE IMPROVEME	INTS			LS				(430)	
COMMUNICATION	NS			LS				(27)	
MITIGATION				LS				(143)	
PASSIVE FORCE P	ROTECTIO	N MEASURES		LS				(112)	
SUBTOTAL								23,886	
CONTINGENCY (5)	%)							1,194	
TOTAL CONTRAC	TCOST							25,080	
SUPERVISION, INS	SUPERVISION, INSPECTION AND OVERHEAD (6.5%)							1,630	
TOTAL DEOLIEST									
TOTAL REQUEST								26,710	
IOIAL REQUEST (ROUNDED)			2)					(7.338)	
	EQUIPMENT FROM OTHER APPROPRIATIONS (NON-ADD) (7,338)							(7,556)	
10. Description of Pr	oposed Con	struction: Group and squa	alla an	opera			s with cond		
include anona and I	1001 Slad,	Steel Iranie, masonry w	ans an					lial aleas	
niciude areas suc	on as stan	torogo life support/siren	nning av. fi:	anu D	nenng a	treas,	secure ope	interes	
planning vault, f	nodinty s	torage, me support/aircr	ew mg	gni eq	uipmen	t stor		intenance.	
Aircrait parts an	a Modilit	y Readiness Spare Packa	ages (1	VIKSP) waren		with assoc	lated external	
covered and unc	overed sto	orage elements. Concret	le lour	102110		oor si	ad, steel ir	ame, masonry	
and/or steel wall	is, sloped	metal roof, structured fo	r mate	$\frac{1}{1}$	andling	equij	pment 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: 1/3 KW (49 tons)									
11 Requirement: 5.621 SM (60.500 SF) Adequate: 0.SM Substandard: 0.SM									
PROJECT Con	struct hes	adduarters groun and sou	ie. U S Iadron	oner	ounsi ations ar	anuaro nd wa	rehouse fa	cilities	
REOUREMEN	T. Grour	Headquarters to provid	e snac	e for	Group (omn	ander con	mand section	
and group staff Squadron operations to provide an adequate facility for Squadron Commander									
and group start. Squadron operations to provide an adequate facility for Squadron Commander,									

 $\textbf{DD} \stackrel{Form}{1 \text{ Dec } 76} \textbf{1391}$

USSOCOM	FY 2017 MILITARY CONSTRUC	FY 2017 MILITARY CONSTRUCTION PROJECT DATA			
3. Installation and Location/UIC:		4. Project Title:			
YOKOTA AI	R BASE, JAPAN	OPERATIONS AND WAREHOUSE FACILIT	IES		

5. Program Element	6. Category Code	7. Project Number	8. Project Cost (\$000)
1140494BB	141	AFSOC103008	26,710

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 enemycontrolled territory using airland or airdrop procedures.

<u>CURRENT SITUATION</u>: 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.

<u>IMPACT IF NOT PROVIDED</u>: 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.

<u>ADDITIONAL</u>: This project meets the criteria/scope specified in Air Force Manual 32-1084, "Facility Requirements." An economic analysis waiver will be required based on AFI 65-501 Section1.22 and is pending. Anti-terrorism/force protection measures will be included in accordance with Unified Facilities Criteria (UFC) 4-010-01, DOD Minimum Anti-Terrorism Standards for Buildings dated 9 February 2012. Sustainable engineering principles will be integrated into the design, development, and construction of the project in accordance with the Energy Policy Act 2005, Executive Orders 13123 and 13423, 10 United States Code (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.

<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.

1. Component	FY 2017 MILITARY CONSTRUCTION PROJECT DATA 2. Date FEB 2016							
3. Installation and Location/UIC: 4. Project Title:								
YOKOTA AIR BASE, JAPAN OPERATIONS AND WAREHOUSE FACILITY					IES			
5. Program Element		6. Category Code)0)					
1140494BB		141	AFSOC103008 26		26,	710		
12. Supplemental I	Data:	•						
A. Design	Data (Esti	mates)						
(1) Stat	us							
(a) 1	Date Desig	gn Started			O	ct 14		
(b)	Percent Co	omplete as of January 20	16			35%		
(c)	Date Desig	gn 35% Complete			Ja	in 16		
(d) Date Design 100% Complete Oct 16								
(e)	Parametric	c Cost Estimates Used to	Deve	lop Costs		Yes		
(f) 7	Гуре of De	esign Contract			Design Bid H	Build		
(g) Energy Study and Life Cycle Analysis Performed No						No		
$(2) \operatorname{Das}_{(2)}$	(2) Basis (a) Standard or Definitive Design Used							
(a)	Where De	sign Was Previously Use	u ad			N/A		
(0)	al Cost	sign was ricviously Os	Ju		(\$	000)		
(a) Production of Plans and Specification 2 022					000)			
(a) Floutetion of Flans and Specification 2,022 (b) All Other Design Costs 1 348					348			
(c) Total Cost $(a + b \text{ or } d + e)$ 3 370					370			
$\begin{array}{c} (c) \text{Four cost} (a + b \text{ or } a + c) \\ (d) \text{Contract Cost} \\ \end{array} \qquad					.248			
(a) Contract Cost $2,240$ (e) In-House Cost 1122						.122		
(4) Construction Contract Award Date May 17						v 17		
(1) Construction Contract Tward Date					in 17			
(6) Construction Completion Date					ct 19			
B. Equipme	ent associa	ated with this project whi	ich wi	ll be provided	from other	-		
appropriatio	ons:	- <u>r</u> - J		1				
Equipment		Procuring		FY Approp	riated	Cost		
Name and 1 - 4		· · ·		an Dagwagt - 1 (th		000)		

Procuring	FY Appropriated	Cost
Appropriation	or Requested	(\$000)
O&M, D-W	2019	5,876
O&M, D-W	2019	1,462
	Procuring <u>Appropriation</u> O&M, D-W O&M, D-W	ProcuringFY AppropriatedAppropriationor RequestedO&M, D-W2019O&M, D-W2019

Air Force Special Operations Command Telephone: (850) 884-2260

1. Component	FY 2017 MILITARY CONSTRUCTION PROJECT DATA 2. Date EFB 2016											
3. Installation and Lo	region/LIIC:					12010						
VOLOTA AID DASE JADAN			SIMILIATOD FACILITY									
YOKOTA AIR BASE, JAPAN			SII			FACILIT I	0)					
5. Program Element	5. Program Element 6. Category Code 7. Proj			ject Nur	nber	8. Pro	oject Cost (\$00	t (\$000)				
1140494BB		172	AFS	SOC1	03010		6,2	261				
		9. COST ES	STIMA	TES								
		Item		U/M	Quant	ity	Unit Cost	Cost (\$000)				
PRIMARY FACILI	ТҮ							5,122				
SIMULATOR FAC	ILITY (CC17	7121)(9,100 SF)		SM	845		5,942	(5,021)				
SUSTAINABLE DI	ESIGN AND	DEVELOPMENT AND ENER	GY	LS				(101)				
POLICY ACT 2005	COMPLIAN	ICE										
SUPPORTING FAC	CILITIES							477				
UTILITIES				LS				(96)				
PAVEMENTS				LS				(153)				
SITE IMPROVEME	ENTS			LS				(147)				
COMMUNICATIO	NS			LS				(6)				
MITIGATION				LS				(50)				
PASSIVE FORCE I	PROTECTIO	N MEASURES		LS				(25)				
SUBTOTAL								 5.599				
CONTINGENCY (5	5%)							280				
,	,											
TOTAL CONTRAC	CT COST							5,879				
SUPERVISION. IN	SPECTION A	AND OVERHEAD (6.5%)						382				
TOTAL REQUEST								6.261				
TOTAL REQUEST	(ROUNDEI))						6 261				
EQUIPMENT FRO	M OTHER A	PPROPRIATIONS (NON-ADI))					(1.527)				
10 Description of F	Proposed Cor	struction: Concrete found	dation	and f	loor slat	n stee	el structure	masonry				
walls sloping r	netal roof	fire alarm nanels fire su	innreg	sion s	vstem a	nd all	l necessary	support				
Functional areas	include a	reas such as flight simul	ippics lator h	igh h	ystem a w smal	l trair	ning device	support.				
computer room	supply or	area storage maintenan	co aro	ngn Ua	fing roo	man	dministrat	ion and				
	Suppry sp Includes	utilities never ante site	impro	a, one	nte oor	, <i>a</i>	iontiona an	d all other				
	met Drain	A ESOC 102022 A infini				1111u11 11	many and a					
necessary suppo	on. Projec			on pro	JVIGES a	n prn	mary and s					
roadways, utilit	ies, site ili	iprovements, communic		, and 1	mugauo		r possible d					
for site preparat	10n. All v	vork carried out is to cor	npiy v	vith cu	irrent ba	ise, A	Air Force, a	nd Host				
Nation standard	s. Air cor	ditioning: 63 KW (18 t	ons)				0.01	. F				
11. Requirement:	845 SM (9	(100 SF) Adequate	= 0 SI	VI	ł	Substa	indard: 0 SI	VI				
PROJECT: Con	nstruct Sir	nulator Facility.										
REQUIREMEN	<u>IT</u> : This p	project supports the bed	down	of a sp	pecial op	perati	ons forces	(SOF) CV-22				
aircraft squadro	n. It is rec	quired to provide an ade	quate	facilit	y for air	craft	crews of th	ne special				
operations squa	dron to co	nduct required training f	for bot	h ann	ual and	semi-	-annual eve	ents to support				
crew upgrade tr	aining as v	well as specific mission	rehear	sals.	Rehears	al de	vices provi	de 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												
CURRENT SIT	UATION	: The installation lacks	faciliti	les to	support	this f	unction. A	s an interim				
DD $\frac{\text{Form}}{1 \text{ Dec } 76}$	1391							1				
1. Component	FY 201	7 MILITARY CONST	RUC	TION PROJ	ECT DATA	2. Date EEP 2016						
--	--	--------------------------------	---------	---	-----------------------	---------------------	--	--	--	--	--	--
USSOCOM	cation/LUC:			1 Project Title:		TEB 2010						
J. Instantation and EO				4. Hojeet Hue.		7						
YOKOTA AL	R BASE,	JAPAN		SIMULA	FACILITY							
5. Program Element		6. Category Code	7. Proj	ect Number	8. Project Cost (\$00)())						
1140494BB		172	AFS	SOC103010	6,2	:61						
solution, a temp	orary faci	lity will be used to supp	ort the	projected sin	nulator delivery	in FY17. This						
interim facility	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 environ	nment.			11 6		a						
IMPACT IF NC	DT PROVI	<u>DED</u> : Squadron will fly	y incre	cased hours for	or training due to) the non-						
availability of a	full-motio	on WST for flight simula	ation.	Crew membe	ers will also be f	orced to attend						
training statesid	e as some	training scenarios (emer	rgency	procedures)	are too dangero	us for in flight						
safety concerns	Stateside	training for emergency	nroce	dure WST tre	vers to be simulation	litional						
expense and cre	ates incre	ased non-availability of	aircrev	$x_{s} = A - n - m - m - m - m - m - m - m - m - m$	otion WST redu	ces the quality						
of the training s	imulation	Without this project of	omhat	readiness of	special operation	ns aircrews						
will be reduced	due to the	inability of aircrews to	efficie	ently accompl	ish training ever	its required to						
maintain curren	cv and out	alification in the aircraft	result	ing in an over	all negative imr	pact to						
USSOCOM mis	sions.			8	0							
ADDITIONAL:	This pro	ject meets the criteria/sc	ope sp	becified in Air	r Force Manual	32-1084,						
"Facility Requir	rements."	An economic analysis v	vaiver	will be requir	red based on AF	I 65-501						
Section1.22 and	is pendin	g. Anti-terrorism/force	protec	tion measures	s will be include	d in						
accordance with	Unified I	Facilities Criteria (UFC)	4-010	-01, DOD M	inimum Anti-Te	rrorism						
Standards for B	uildings d	ated 9 February 2012. S	lustain	able engineer	ring principles w	ill be						
integrated into t	he design,	development, and const	tructio	n of the proje	ect in accordance	e with the						
Energy Policy A	Act 2005, 1	Executive Orders 13123	and 1	3423, 10 Unit	ted States Code	(U.S.C.) 2802						
(c), and other ap	plicable l	aws and Executive order	rs. Th	e project site	flood vulnerabil	ity						
determination ha	as been ac	complished and the inst	allatio	n verified that	t the project site	does not fall						
within the 100-y	/ear flood	plain.	Mhud	lasta auto fau	the act for all the a							
JOINT USE CE	<u>KTIFICA</u>	<u>HON:</u> N/A. USSOCO	IVI DUC	igets only for	those facilities s	specifically for						
SOF use. Com	non suppo	ort facilities are budgeted	ı by th	le mintary dej	partiments. Refe	Tence Thie 10,						
12. Supplemental D	ata:											
A. Design I	Data (Esti	mates)										
(1) Statu	18	,										
(a) I	Date Desig	gn Started			O	ct 14						
(b) I	Percent Co	omplete as of January 20)16			35%						
(c) I	Date Desig	gn 35% Complete			Ja	n 16						
(d) I	Date Desig	gn 100% Complete			O	ct 16						
(e) H	Parametric	Cost Estimates Used to	Deve	lop Costs		Yes						
(f) T	Type of De	esign Contract			Design Bid E	Build						
(g) Energy Study and Life Cycle Analysis Performed No												
(2) Basi	S											
(a) S	Standard o	r Definitive Design Use	d			No						
	Where De	sign Was Previously Us	ed		·*	N/A						
(3) Tota	ll Cost				(\$	000)						

1. Component	FY 201	7 MILITARY CONST	FRUC	TION PROJ	ECT DATA	2. Date FEB 2016
3. Installation and Lo	cation/UIC:			4. Project Title:		122 2010
ύοκοτα αι	RBASE	IAPAN		SIMULAT	FOR FACILITY	Y
5. Program Element		6. Category Code	7. Pro	ject Number	8. Project Cost (\$0	100)
1140494BB		172	AFS	SOC103010	6,	261
(a) I	Production	of Plans and Specificat	ion			472
(b) 4	All Other	Design Cost				314
(c)]	Fotal Cost	(a + b or d + e)				786
(d) (Contract C	lost				527
(e) I	n-House (Cost				259
(4) Cons	struction (Contract Award Date			M	ar 17
(5) Con	struction a	Start Date			A	pr 17
B Equipme	ent Associ	ated With This Project V	Which	Will be Provi	ided From Othe	un 19 er
Appropriatio	ons:		, men			
Equipment		Procuring		FY Approp	riated	Cost
Nomenclatu	re	Appropriation		or Reque	sted (S	\$000)
Collateral Ed	quipment	O&M, D-W		2019		1,151
C4I Equipm	ent	O&M, D-W		2019	•	376

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

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

1. COMPONENT Washington Headquarte	ers										2. DATE Feb 2016
Services		FY 2017	MILITA	ARY CO	NSTRU	JCTION	PROG	RAM			
3. INSTALLATION AND LOC	ATION			4. COM	MAND						5. AREA
Pentagon Reservation				OSD/D	AM						CONSTRUCTION
							1				1.03
6. PERSONNEL	(1) PERMAN		OFFICER	(2) STUDEN		OFFICER	(3) SUPPOF		_	(4)
a. AS OF 30 Sep 2015			OTTLEAR	01110LI			OFFICER	LILIOTED	OTTENAN	23	3,000
b. END FY 2020										23	3,000
7. INVENTORY DATA (\$000))										
a. TOTAL ACREAGE											
b. INVENTORY TOTAL AS (OF 30 Sep 2014										
c. AUTHORIZATION NOT Y d. AUTHORIZATION REQU	ET IN INVENTORY	OGRAM)						12	2,111		
e. AUTHORIZATION INCLU	DED IN FOLLOWIN	IG PROGRA	м								
		De						()		
	E PROGRAM TEA	ĸə)		
	•							1	2,111		
8. PROJECTS REQUESTED	IN THIS PROGR	RAM				1					
	a. CATEGO	RY				b. C (\$0	OST 000)				
(1) CODE	(2) PROJI	ECT TITLE		(3) SCC	DPE			DESIG	N START	ST	ATUS COMPLETE
14413	Pentago Entra	n Metro ance		10,400 S	F	12,1	111	09/2	2015	04/2	019
9. FUTURE PROJECTS											
14113 Pentagon Corrido	or 8 PACP										
14113 North Village Sec	ondarv VACP a	nd Fencino	נ								7,200
			, ,,								8,000
85210 Commuter Plaza	& Transit Bus R	outing Saf	ety Upgra	de							22,450
										Tota	al 37,650
10. MISSION OR MA	JOR										
FUNCTIONS											
The Pentagon serves as the	e Nation's milita	ry commai	nd center	providing	critical co	ommand a	and contro	l and suppo	ort functions	to the De	partment of
Defense and its subordinate	e commands wit	n 6.5 millio	on square	reet of of	lice, supp	ort and qu	lanty of In	e space.			
11. OUTSTANDING POLLUT	TION AND SAFE	TY DEFICI	ENCIES								
				(****							
A. Air Pollution				(\$00	0)						
B. Water Pollution				0							
C. Occupational Safety	/ and Health			0							
	4000				1010 55		001				174
	1999			PRE\	/IOUS EDI	I ION IS OF	SULETE				1/4

1. COMPONENT							2.	DATE		
	F	Y 2017 MILITARY C	CONSTRUC	TION PRO	JECT	DATA	F	Feb 2016		
WHS							_			
3. INSTALLATION AND LOC	CATION			4. PROJECT TITLE						
Pentagon Regervat	tion		Dentado	n Met	ro Fnt	rance F	Pacility			
reneagon Reberva	01011			r ciicago	II MCC.			actify		
5. PROGRAM ELEMENT	6.	CATEGORY CODE	7. PROJECT	NUMBER		8. PROJI	ECT COST (\$000)		
		144 13	809	916				12,111		
			9. COST ES	STIMATES						
		ITEM	UM	QUAN	TITY	UNIT COS	r cost(\$000)			
PRIMARY FACILITY							9,358			
Entrance Screen	ning 3	Facility		SF	1	0,400	431.9	(4,493)		
Existing Canopy	y Rem	oval/Modification	S	SF		9,125	155	(1,414)		
Fixed Equipment	t			LS	-			(538)		
Security Equip	ment	Infrastructure		LS	-			(1.584)		
Intrusion Detec	ction	Infrastructure		LS	-			(28)		
Total from Co	ontin	uation page(s)						(1 201)		
SUPPORTING FACIL	ITIES	1.5.5.()						679		
Electric Servio	ce			LS	-			(74)		
Steam And/Or Ch	hille	d Water Distribut	ion	LS	-			(271)		
Paving, Walks,	Curb	s And Gutters		LS	-			(2,2)		
Site Tmp(244) I	Demo()		LS	-			(3)		
Antiterrorism N	Measu	res		LS	_			(244)		
Info Systems				LS	_			(32)		
				10				(19)		
ESTIMATED CONTRAC	CT CO	ST						10,037		
CONTINGENCY (10.0	008)							1.004		
SUBTOTAL	,							11.041		
SUPERVISION, INSU	PECTI	ON & OVERHEAD (5.	70%)					629		
DESIGN/BUILD - DE	ESTGN	COST (4.0000%)	,					442		
TOTAL REOUEST								12.111		
TOTAL REOUEST (R	OUNDE	(ח						12,200		
INSTALLED FOT -	OTH:	ER APPROPRIATIONS						2 324		
10. Description of Prop	posed Co	onstruction					2,521			
Construct a new H	Pedest	trian Access Cont:	rol Poir	nt (PACP) for	emplo	yee sci	reening at		
the Pentagon Metr	he Pentagon Metro Entrance. This addition to the existing building will include									
Il required security equipment and systems; anti-terrorism/force protection										
(AI/FP); INTRUSIC	AT/FP); intrusion detection system, information system (IT/communications);									
hazardous materia	arecy and surveillance measures; screening and unauthorized personnel and azardous materials detection capabilities, systems commissioning, utility									
services; lightir	ng, he	eating, ventilatio	on and a	air cond	ition	ing; i	.nterior	- 2		
renovations; demo	olitio	on; and site work	for con	nformanc	e wit	h Home	eland Se	ecurity		

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.

Interior renovations to the existing Metro Entrance screening area will be required for integration and efficient functioning of the new employee screening

1. COMPONENT							2. DATE				
WHG		FY 2017 MILITARY CO	Feb 2016								
3. INSTALLATION AND) LOCATI	T TITLE									
Pentagon Rese	rvatio	on		P	entagon M	Metro Entra	nce Facility				
5. PROGRAM ELEMENT		6. CATEGORY CODE	7. PROJECT	NUMBER		8. PROJECT CO	COST (\$000)				
		144 13	8091	6		1	.2,111				
9. COST ESTIM	ATES	(CONTINUED)									
		ITEM		UM	QUANTITY	UNIT COST	COST (\$000)				
PRIMARY FACIL											
Foundations		·		LS			(923)				
Sustainabil	itv/Er	nergy Measures		LS			(139)				
Antiterrori	sm Mea	asures		LS			(139)				
Puilding In	format	tion Systems		TC			(100)				
BUILDING IN	LOLIIIA	LION Systems		сц		 Dotol	(100)				
						IOLAL	1,301				
entry. The ne Metro Station utilities and	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:	NO	NE	SUBSTD	:	NONE				
PROJECT: Construct a ne Pentagon. REQUIREMENT: This project substandard se security, life governing cri DoD pass hold	II. REQ:IU,400 SFADQT:NONESUBSTD:NONEPROJECT: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										
officer again	st una	authorized 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 Impact to safe officers from heavily used will not be is local codes as	PROVI ety, s unaut and vu n comp nd reg	IDED: security, and protect thorized entry and th ulnerable entrance to pliance with current gulations which are k	tion of t nreats wi the Pen HSPD-12, being imp	he Pen ll con tagon ISMP lement	ntagon ten ntinue to and this and othen red at oth	nants and p remain at access con r Federal, ner	police the most strol point State and 176				

1. COMPONENT				2. DATE
	FY 2017 MILITARY (CONSTRUCTION PROJECT	DATA	Feb 2016
WHS				
3. INSTALLATION AND LC	OCATION	4. PROJECT TITLE		
Pentagon Reserva	ation	Pentagon Met	ro Entranc	e Facility
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COS	ST (\$000)
	144 13	80916		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						2. DATE
WHS		FY 2017 MILITAR	Feb 2016			
3. INSTALLATION AND	D LOCATI	ON		4. PROJECT TITL	Ε	100 2010
Pentagon Rese	rvatio	on		Pentagon Met Facility	ro Employee	2
5. PROGRAM ELEMENT		6. CATEGORY CODE	7. PROJE	CT NUMBER	8. PROJECT C	OST (\$000)
		14413	Q	0916	12,111	
		11115	0	0910		
12 פווססו.דאדי	אדידיאד. ד	እ. ጉ እ ሞ እ				
A. Estim	ated :	Design Data:				
(1)	Statu	s:				
	(a) :	Design Start Date				SEP 2015
	(b)	Percent Complete as o	of 15 Sep	2015 (DSGN Y	R)	0
	(c)	Percent Complete as o	of 01 Jar	1 2016 (BDGT Y	R)	15
	(d)	Percent Complete as o	of 01 Oct	2016 (PROG Y	R)	35
	(e)	Concept Complete Date	9			SEP 2016
	(f) 3	Design Complete Date.				SEP 2017
	(g) '	Type of Design Contra	act: Des	ign-build		
(2)	Bagig					
(2)	(a)	Standard or Definitiv	re Degiar	- (VES/NO) N		
	(h)	Where Design Was Most	- Recentl	v Used:		
	(20)					
	(c)	Percentage of Design	utilizir	ng Standard De	sign	0
(3)	Total	Design Cost $(c) = (c)$	a)+(b) OF	(d)+(e):		(\$000)
(0)	(a)	Production of Plans a	and Speci	fications		(4000)
	(b)	All Other Design Cost				600,000
	(c) '	Total Design Cost				600,000
	(d)	Contract				425,000
	(e)	In-house				175,000
(4)	Const	ruction Contract Awar	cd			APR 2017
(5)	Const	ruction Start				AUG 2017
(6)	Const	ruction Completion				APR 2019

1. COMPONENT									2. DATE	•
Washington Headquarte	rs	Y 2017	MILITA	RY CON	STRUC		ROGRA	м	Feb 2010	b
3. INSTALLATION AND LOC	CATION				5. AREA CONSTRUCTION COST					
Pentagon Reservation (Ray	ven Rock Moun	tain Comp	lex)	OSD/DA	AM				INDEX	
		•	,				-		1.14	
6 PERSONNEL	(*	I) PERMANE	NT	(2	2) STUDENT	s		(3) SUPPOR	TED	
	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	(.)
a. AS OF 30 Sep 2015										23,000
b. END FY 2020										23,000
)									
7. INVENTORY DATA (\$000))									
a. TOTAL ACREAGE										
	OF 30 Sep 2014									
b. INVENTOR TOTAL AS	50 Sep 2014									
c. AUTHORIZATION NOT Y	ET IN INVENTORY	,								
d. AUTHORIZATION REQU	ESTED IN THIS PR	OGRAM)						8,1	105	
e. AUTHORIZATION INCLU			м					0		
f. PLANNED IN NEXT THRE	E PROGRAM YEA	ARS						0		
g. REMAINING DEFICIENC	Y							0		
								8,1	05	
8. PROJECTS REQUESTED	IN THIS PROG	RAM								
	a. CATEO	GORY	n			b. C	COST			
(1) CODE	(2) PROJE	CT TITLE		(3) SCO	PE	(\$	000)	DESIGN START		STATUS COMPLETE
13290	Upgrade Infras	IT Facilities tructure	6	4,00	00 SF		8,105		03/2015	04/2019
9. FUTURE PROJECTS										
NI/A										
IN/A										
FUNCTIONS	JK									
Raven Rock Mountain Com	plex provides a	n enduring	platform f	rom where	e DOD car	execute	its missior	essential f	unctions in su	pport of continuity of
operations.										
11. OUTSTANDING POLLUT	TION AND SAFE	TY DEFICI	ENCIES							
				(\$000)						
A. Air Pollution				0						
C. Occupational Safe	ety and Health			0						

1. COMPONENT						2. D	ATE			
		FY 2017 MILITARY (ONSTRUC	TTON PRO						
WHC			2010011000	IION INC	Joher Dillin		h 2016			
3. INSTALLATION AND 1	LOCATIO	N		4. PROJECT	TITLE	Fe	2010			
Pentagon Reserv	ration	n (Raven Rock Mount	ain	TT] -	TO D		DDMG			
COMPTEX)		CATECODY CODE		Upgrade	pgrade IT Facilities Infrastructure-RRMC					
5. PROGRAM ELEMENT		6. CATEGORI CODE	7. PROJECI	NUMBER	0. PRO	000)				
		120.00	0.77				0 105			
		132 90	87	/44			8,105			
			9. COST H	ESTIMATES						
		ITEM		UM	QUANTITY	UNIT COST	COST(\$000)			
PRIMARY FACILIT	Ϋ́						3,414			
Sensitive Com	npartm	mented Info Fac		SF	4,000	627.83	(2,511)			
Comm Lines, f	fiberc	optic and copper in	RGS	LF	5,000	180.53	(903)			
SUDDORTING FACT	ד.דידד	29					3 618			
Electric Corr				тс			(240)			
Electric Serv	ar in			LS			(349)			
Steam And/Or	Chill	led Water Distribut	lon	LS			(419)			
Site Imp(2,67	2) De	emo(130)		LS			(2,802)			
Antiterrorism	n Meas	sures		LS			(48)			
ESTIMATED CONTR	RACT C	COST					7,032			
CONTINGENCY (5.	008)						352			
SUBTOTAL	,						7 384			
SUDERVISION IN	ופסדריז	TON & OVERHEND (5	70ይ)				426			
DECTON/DUTID		$\frac{1}{2} = \frac{1}{2} = \frac{1}$	70%)				120			
DESIGN/BUILD -	DESTG	M COSI (4.0000%)					295			
TOTAL REQUEST							8,105			
TOTAL REQUEST (ROUNI	DED)					8,105			
INSTALLED EQT	- 01	THER APPRORIATIONS					1,215			
10. Description of Pr	roposed	Construction	-	-						
Construct new t	eleco	ommunications rooms	and upo	grade ou	tside cabl	le plant	to provide for	_		
upgraded data a	and co	ommunications capac	ity to n	meet inc	reased ser	rvice den	sity and standard	l		
network cabling	g dist	ance limitations.	Size and	d locate	rooms to	accommod	ate information			
system design a	and di	stribution network	and fac	cilitate	orderly a	and effec	tive moves,			
additions, and	chang	ges to the informat	ion syst	tems and	provide f	lexibili	ty in meeting the	ž		
site's mission.	Room	ns must be able to	provide	25% gro	wth of IT	equipmen	t. Provide spaces	\$		
and network pat	hways	s including all req	uired se	ecurity	equipment	and syst	ems; anti-			
terrorism/ forc	e pro	otection (AT/FP); i	ntrusior	n detect	ion system	n, inform	ation system			
(TT/communicati	ons);	safety and survei	llance	measures	; systems	commissi	oning; utility			
services: light	ina:	demolition: and si	te work	for con	formance w	vith Home	land Security			
Dregidential Di	roati	V_{P} (HSDD) = 12 gite	Magter	Dlan A	rchitectur	ral Barri	arg Act (ABA)			
Higtorian Dros		ion (moon Duild/I	Mascel	FIAN, A		ai balli Entri sonme	ers Act (ADA),	ı T		
HISCOFICAL Pres	servat	Lion, Green Bullu/I	feauersii	тр тп ег	lergy and		HICAI DESIGN (LEE	J),		
Sustainability	and	Energy Policy Act	reature	s, Uniri	ied Facili	ties Cri	teria (UFC) and	all		
applicable Fede	eral,	State, and local c	odes and	d requir	ements.					
1.1 1 0										
11. REQ: 4,0	000 SF	ADQT:	N	IONE	SUBSTD:	4,000	SF			
PROJECT:					-		_			
Construct telec	commur	nication closets fo	r upgrad	ded tele	communicat	tion and o	data			
distribution.										
DD FORM 1391, JUL 19	99	PREVIOUS	EDITION IS	OBSOLETE			180			

1. COMPONENT								2. DATE			
		FY 2	017	MILTTARY (ONSTRUC	TTON PROJECT	DATA				
WILO.			011			1100 1100 101	211111	- 1 0010			
WHS								Feb 2016			
3. INSTALLATION AND I	LOCATION	N.				4. PROJECT TITLE					
Pentagon Reservation (Raven											
Rock Mountain Complex Upgrade IT Facilities Infrastructure-RRMC											
5. PROGRAM ELEMENT		6. CAT	EGORY	CODE	7. PROJECT	NUMBER	8. PROJECT COS	ST (\$000)			
	132 90 87744 8.105										
	ר מידות)										
IRODECI (CONII	NOED /										
REQUIREMENT:											
Provide adequat	e inf	ormat	tion	systems i	nfrastru	ucture both c	lassified	and			
	-]		± 1= =			Q + 1]] -					
unclassified an	ια το	meet	the	site's mi	ssion.	Centrally 10	cated Tele	communication Rooms			
paired with upg	graded	l cab	ling	plant wil	l requir	e less maint	enance, pr	ovide more			
accessibility t		nerg	onne [.]	- l and pro	vide for	additional	informatio	n throughout to			
	coessibility to it personner, and provide for additional infollation throughput to										
serve a greater	user	popi	ulat:	ion with i	ncreasin	ng 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						2. DATE					
		FY 2017 MILITARY CONSTRUCTION PROJECT DATA									
WHS		Feb 2016									
3. INSTALLATION AND	LOCATIO	N		4. PROJECT TITLE							
Pentagon Reser (Raven Rock Mo	rvatior ountair	ı 1 Complex)		Upgrade IT	Facilities	Infras RRMC					
5. PROGRAM ELEMENT		6. CATEGORY CODE	8. PROJECT COS	ST (\$000)							
		13290	87	744	8,1	05					
	זידע ד. דע	ነጥል :									
<u> </u>	ated D	esian Data:									
(1)	Status	:									
	(a) D	esign Start Date				MAR 2015					
	(b) P	ercent Complete as of	E 15 Sep	2015 (DSGN YR)	35					
	(c) P	ercent Complete as of	E 01 Jan	2016 (BDGT YR)	0					
	(d) P	ercent Complete as of	E 01 Oct	2016 (PROG YR)	0					
	(e) C	oncept Complete Date.				SEP 2015					
	(f) D	esign Complete Date.				SEP 2017					
	(g) T	ype of Design Contrac	ct: Desi	.gn-build							
(2) 1	Basis:										
	(a) S [.]	tandard or Definitive	e Design	- (YES/NO) N							
	(b) W]	here Design Was Most	Recently	v Used:							
	(c) P	ercentage of Design u	utilizing	g Standard Des	ign	90					
(3)	Total 1	Design Cost (c) = (a))+(b) OR	(d)+(e):		(\$000)					
	(a) P	roduction of Plans ar	nd Specif	ications		(4000)					
	(b) A	ll Other Design Costs	<u>-</u>			949,998					
	(c) T	otal Design Cost				949,998					
	(d) C	ontract				949,998					
	(e) I	n-house				0					
(4) (Constr	uction Contract Award	1			APR 2017					
(5) (Constr	uction Start				AUG 2017					
(6) (Constr	uction Completion				APR 2019					

FY2017 Energy Conservation Investment Program Project List

Project No.	Location	<u>State</u>	Project Description	<u>Project Cost</u> (\$000)	<u>SIR*</u>
Army					
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	тх	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	со	Install High-Efficiency Boilers. Various Facilities	\$5.000	1.3
Army Program To	tals		13 Projects	\$42,250	2.1
<u>USN</u>					
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	ΝΑΥΣΤΑ GUANTANAMO BAY	Guantanamo Bay	Electrical Power Plant Controls Lingrade	\$6,080	2.4
P503	Andros Island NAS Key West	Bahamas	Install Electrical Load Management System	0,000 (0,000	2.7
P231		MD	Envelope & Fixtures Multiple Buildings	\$500 \$1./10	2.2
F231		Guam	1.6 MW Solar Array MM/TD	\$1,410 \$9,540	1.0
USN Program Tot	als	Guam	1.6 MW Solar Array, WW IP 8 Projects	\$8,540 \$42,720	1.0
P 1337	MCAS Beaufort	sc	Barracks Chilled Water Storage System	\$1,395	1.3
USMC Program To	otals		1 Project	\$1,395	1.3
USAF					
MHMV150125	Kirtland Air Force Base	NM	LED Street Lights & Hangar Upgrade	\$1.350	2.9
GLEN162605	Schriever Air Force Base	0	EMCS Multi facilities	\$3 295	2.8
7NRF 12 1802	Yokota Air Base	lanan	Install EMCS In Multiple Facilities	\$1 725	3.2
EXSB 15 1750	IB Elmendorf Richardson	AK	HVAC Energy Lingrade. Three CDC Bidgs	\$1,725	29
KDSM 15 2006	Hill Air Force Pase		Poplace Wall Pack Lighting at Multi Pldgs	\$1,107	2.5
ECDM 14 1401	Fill All Force Base	01	Replace Wall Pack Lighting at Wulti Blugs	\$1,050	2.5
7UTV 12 0025	Euwalus All Folce Base		Repair Heating, Cooling, & Micro Turbine, General Ridley B1440	\$5,900	2.0
ZHIV 12 0035	Wright Patterson Air Force Base		Repair FTHW Life C (Area A) W/Natural Gas Bollers	\$14,400	2.5
ANZY 11 0015	Arribid Air Force Base	11N		\$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 tals	Japan	Replace Boilers at Plant Bldg 1337 11 Projects	\$5,315 \$42 452	1.9
				<i>\$</i> 1 2,132	2.5
DLA FU 17UE01	Rota	Snain	Construct 1MW Solar Array	\$3 710	2.2
DLA Program Tota	als	Spain	1 Project	\$3,710	2.2
-					
NRO CAP 17 003	NRO Cane CCAS	FI	FPE LED Lighting Replacement	¢10/	1 2
NRO W/E 17 OF	Wesfields	VΔ	High Bay Lighting Ungrade	\$104 ¢1 <i>1E</i>	17
NRO Program Tot	tals	VA	2 Projects	\$140	1.7
NCA					
<u>INSA</u>			Renewable Energy System Installations and Facilities Energy Improvements -		
31273	NSAH Wahiawa Kunia Oahu	н	Oahu	\$14,890	1.3
NSA Program Tota	als		1 Project	\$14,890	1.3
P 1504	Naval Medical Center NMC Portsmouth	V۵	FCIP - Facility Energy Improvements	¢772	40
	Naval Modical Contor NMC Portsillouth		ECID Potro Commissioning Duildings 2 and 2 NMC Destangenth	⇒∠/3 ¢c10	4.U
DHA Program Tot	als	٧A	2 Projects	\$883	5.0 4.7
<u>WHS</u> ECIP17 PEN1	Various Locations	VA	Recommissioning	\$1.450	1.5
WHS Program Tot	tals	-	1 Project	\$1,450	1.5
FCID Program Tat	als		AD Duciesta	¢1E0.000	3 1
LCIP Program 10t	aıs		40 Projects	\$120,000	2.1
*SIR is Savings to	Investment Ratio (\$ est. discounted lifetim	e savings / \$ invest	ed)		

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

1. COMPONENT		FY 2017	MILIT	ARY CON	STRUCT	ON PR	OGRAM		2. DATE	
				_	-		-		Februa	ary 2016
3. INSTALLATION AND LOCA	ATION	4. CC	OMMANE)					5. AREA C	CONSTRUCTION
Various		Se	ecretary	of Defense					Voric	NDEA
									v al lu	bus
6. PERSONNEL STRENGTH	PE	ERMANENT	Г		STUDENTS		S	UPPORTE	D	
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
А. В.										
			7	. INVENTOF	RY DATA (\$)00)				
A. TOTAL AREA.					×.	,				
B. INVENTORY TOTAL AS O	Γ									
C. AUTHORIZATION NOT YE	ET IN INVEN	TORY								
D. AUTHORIZATION REQUE	STED IN THI	S PROGRA	Μ		10,000					
E. AUTHORIZATION INCLUI	DED IN FOLL	OWING PR	OGRAM							
F. PLANNED IN NEXT THREE	E YEARS									
G. REMAINING DEFICIENCY	r									
H. GRAND TOTAL					10,000					
8. PROJECTS REQUESTED IN	√ THIS PROG	RAM:								
CATEGORY PROJECT			PROJEC	T TITLE			COST (\$000)		DESIGN	STATUS COMPLETE
Various	Defense Level	l Contingenc	cy Constru	ction			\$10,000		Various	Various
9. FUTURE PROJECTS	_	_	_	_	_	_			_	
CATEGORY CODE		PROJ	ECT TITL	Æ			COST (\$000)			
Various Defense Level	Contingency C	Construction		2			\$40,000)		
10. MISSION OR MAJOR FUNC	CTION									
Various										
11. OUTSTANDING POLLUTI	ON AND SAI	FETY DEFI	CIENCIES	3						
							(\$000)			
B WATER POLLUTION										
C. OCCUPATIONAL SA	FETY AND H	EALTH								

1. Component	EV 201	7 MILITADV CONST		TION		FCT	рата	2. Date	
2 Installation and L							DAIA	February 2016	
3. Installation and Lo	cation/UIC:			Continuous Construction					
Various				Co	ontingen	cy Con	struction		
5. Program Element		6. Category Code	7. Proje	ect Nun	nber	8. Pro	ject Cost (\$00	0)	
01095111)	N/A	_	N/A					
				Appro				\$10,000	
		9. COST ES	STIMAT	TES	0	.,		C (\$000)	
Construction of faciliti	roposed Cor	of operations vital to the securit ed States Instruction	ecretary	U/M	Quant	h the c	anability to r	cost (\$000) \$10,000	
deferral of which is The authority for th and Appropriations immediately upon the 11 Requirement:	a deemed ind ne construction Committee reaching a d	consistent with national secur on of these facilities is provid s of the House and Senate wi ecision to undertake construc	ded by S Ill be no ction und	ests. Section tified b der this	2804 of by the Sec authorit	10 U.S cretary y.	S.C. Both the of Defense,	Armed Services or his designee,	
12 Supplemental I	Datas								

 $\textbf{DD} \stackrel{Form}{1 \text{ Dec } 76} \textbf{1391}$

1. COMPONENT	F	Y 2017 MILITA	ARY CONS	STRUCTI	ON PRO	OGRAM		2. DATE Fe	ebruary 2016
3. INSTALLATION ANI	DLOCATION	4. COMMAND						5. AREA CONSTRUCTION	
			Secretary	of Defense	e			COST INDEX	
Various								Vario	bus
C DEDSONNEL STREN				OTUDENTO		CLIDD	ODTED		
0. PERSONNEL STREM		IMANENI	OFFICED	SIUDENIS	СІУШ	OFFICED EN	UKIED	CIVII	TOTAL
А.	OFFICER	ENLIST CIVIL	OFFICER	ENLIST	CIVIL	OFFICER EN		CIVIL	IOIAL
B.									
		7. IN	VENTORY I	DATA (\$000))				
A. TOTAL AREA.									
B. INVENTORY TOTA	L AS OF								
C. AUTHORIZATION N	NOT YET IN INVENT	ORY							
D. AUTHORIZATION H	REQUESTED IN THIS	PROGRAM							
E. AUTHORIZATION I	NCLUDED IN FOLLO	WING PROGRAM							
F. PLANNED IN NEXT	THREE YEARS								
G. REMAINING DEFIC	CIENCY								
H. GRAND TOTAL									
8. PROJECTS REQUEST	ED IN THIS PROGRA	M:							
CATEGORY PROJE	ECT	PROJEC	T TITLE			COST (\$000)	DI S'	ESIGN TART	STATUS COMPLETE
Various	Minor Construc	tion				35,452		N/A	N/A
9. FUTURE PROJECTS									
CATEGORY			_			COST			
CODE Various Minor O	Construction (FY 2018-	PROJECT TITL 2021)	E			(\$000) 190,835			
10. MISSION OR MAJOR	R FUNCTION								
Various									
11. OUTSTANDING PC	OLLUTION AND SAFE	ETY DEFICIENCIES							
None									

1. Component	FY 20 1	17_MILITARY CONS	TRUCTIO	ON PR	OJECI	Г ДАТА	2. Date February 2016	
3. Installation and Lo	ocation/UIC:		4.	Projec	t Titl	e	1	
Various				Minor	Const	ruction		
5. Program Element		6. Category Code	7. Project N	roject Number 8. Project Co			Cost (\$000)	
N/A		N/A	N	Ά		35,	452	
		9 COST F	STIMATES					
		Item		1 Ou	antity	Unit Cost	t Cost (\$000)	
Unspecified Minor	Construction	L	LS				\$35.452	
Defense Health A	Agency	(8,	500)					
DOD Education	Activity	(3,0	(000					
Missile Defense	414)							
National Security	913)							
Joint Chiefs of S	taff	(8,0	531)					
U.S. Special Ope	erations Com	mand (5,9	994)					
Defense Level A	ctivities	(3,0	(00)					
10 Description of 1	Proposed Co	estruction						
Budget Subactivity	v: Unspecifi	ed Minor Construction						
Title 10 USC 2805 authorized by law. undertaking at a m law as the maximu the National Defen threshold for unspe construction project	A minor m a minor m ilitary instal m amount o use Authoriza ecified mino	atutory authority to carry out ilitary construction project is lation; and (2) that has an ap f a minor military construction ation Act for Fiscal Year 201 r construction projects to \$3, life, health, or safety deficie	minor milita a military c proved cost on project, c 5 amended 000,000, and ncies to \$4,	ary const onstructi equal to urrently \$ Section 2 I to raise 000,000)	ruction proje on proje or less th \$3,000,0 (805 of t the three	brojects not of ct (1) that is t an the amoun 00 per project itle 10 USC to shold for unsp	herwise for a single at specified by t (Section 2802 of to raise the pecified minor	
11 Requirement:								
The \$35,452,000 fe Activities supporte facilities resulting (2) opportunities to through savings in related constructio	or FY 2017 d by this acc from: (1) un o attain great maintenance n projects fo	is considered a reasonable es count a capability to react to foreseen situations affecting er efficiency of operation wl e and operation costs. A lum r JCS sponsored exercises.	timate to pro requirement mission per nereby inves p sum amou	ovide the s for con formance tment co nt of \$8,	numeror struction or safet sts are ra 631,000	us Defense A a, alteration, o y of life or pr apidly offset (is included to	gencies and r modification of operty; and amortized) o support exercise	
12. Supplemental	Data:							
a. Estimated des b. Equipment pro	ign data: No ovided from	ot applicable. other appropriations: Not ap	plicable.					

 $\textbf{DD} \stackrel{Form}{1 \text{ Dec } 76} \textbf{1391}$

1. COMPONENT	Г		FY 2017	MILITA	ARY CON	STRUCT	ION PR	OGRAM		2. DATE F	ebruary 2016
3. INSTALLATI	ION AND LOC	CATION	4. C	OMMAND)					5. AREA CONSTRUCTION	
Varia					Secreta	ry of Defe	ense			Vario	ous
v ario	us										
6. PERSONNEI	L STRENGTH	PI	ERMANEN'	Г		STUDENTS		S	UPPORTE	D	
		OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
А. В.											
				7	. INVENTO	RY DATA (\$	000)				
A. TOTAL ARE	EA.										
B. INVENTOR	Y TOTAL AS	OF									
C. AUTHORIZ	ATION NOT Y	ÆT IN INVEN	TORY								
D. AUTHORIZ	ATION REQU	ESTED IN TH	IS PROGRA	М							
E. AUTHORIZA	ATION INCLU	JDED IN FOLL	LOWING PF	ROGRAM							
F. PLANNED I	N NEXT THR	EE YEARS									
G. REMAINING	G DEFICIENC	Y									
H. GRAND TO	REQUESTED	IN THIS PROC	BRAM.								
CATECODY	DROJECT	iii iiii iiii iikoe	Jita ilvi.	DROJEC				COST		DESIGN	CTATIIC
CATEGORY	NUMBER			PROJEC	I IIILE			(\$000)		START	COMPLETE
Various		Planning and	Design					201,422	2	N/A	N/A
9. FUTURE PR	OJECTS										
CATEGORY								COST			
CODE Various	Planning and	Design (FY 20)	PROJ 18-2021)	ECT TITL	Е			(\$000) 849.051			
v arious	T failing and	Design (1 1 20	10 2021)					049,051			
10. MISSION OF	R MAJOR FUN	NCTION									
N/A											
11. OUTSTANI	DING POLLU	FION AND SA	FETY DEFI	CIENCIES	5						
A. AIR PO	OLLUTION							(\$000))		
B. WATE	R POLLUTIO	N									
C. OCCU	PATIONAL SA	AFETY AND H	IEALTH								

1. Component FY 20)17 MILITARY CONS	TRUC	TION	PROJ	ECT	' DATA	2. Date February 2016		
3. Installation and Location/UIC	:		4. P:	roject	Title	9			
				Planı	ning	and Desig	gn		
Various									
5. Program Element	6. Category Code	7. Pro	ject Nun	nber	8. Pr	oject Cost (\$00	00)		
N/A	N/A		N/A \$201,422				,422		
	9. COST I	ESTIMA	TES		1				
	Item		U/M	Quant	ity	Unit Cost	Cost (\$000)		
Planning and Design							\$201,422		
Defense Logistics Agency	(27,660)								
DoD Education Activity	(23,585)								
National Geospatial Intelligence	e Agency (71,647)								
National Security Agency	(24,000)								
U.S. Special Operations Comm	and (27,653)								
Washington Headquarters Service	ce (3,427)								
Defense Level Activities	(13,450)								
ECIP Design	(10,000)								

10. Description of Proposed Construction

Funds are to be utilized for preparing plans and specifications for construction of the Defense Agencies and Secretary of Defense Activities.

11 Requirement:

The estimated costs for most projects do not include any amounts for feasibility studies, preliminary engineering or final plans and specifications. The accomplishment of the planning and design effort required to develop and execute the construction program for the Defense Activities is dependent on the provision of funds proposed by this item.

FY 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.

	State	Fiscal			ΤΟΑ
Organization	Country	Year	Location Title	Line Item Title	Amount
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	ТХ	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	ТХ	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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Organization	Country	Year	Location Title	Line Item Title	Amount
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	Behavorial Health Clinic Addition/Alteration	100,000
DHA	WA	2021	Fort Lewis	Hospital Addition/Alteration	100,000
DISA	AZ	2017	Fort Huachuca	JITC 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	ТХ	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 Distibution Facilities (PH2)	15,000
DLA	SC	2018	Shaw AFB	Replace Truck Fillstands	22,500
DLA	ТХ	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

	State	Fiscal			ΤΟΑ
Organization	Country	Year	Location Title	Line Item Title	Amount
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	СО	2021	Buckley Air Force Base	Replace Military Service Station	6,400
DLA	GŪ	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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Organization	Country	Year	Location Title	Line Item Title	Amount
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	ТХ	2021	Laughlin AFB	Replace Truck Offload System	1,500
DLA	ТХ	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 Boringuen	Ramey Unit School - replace school	51,862
DODEA	ТК	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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Organization	Country	Year	Location Title	Line Item Title	Amount
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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Organization	Country	Year	Location Title	Line Item Title	Amount
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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Organization	Country	Year	Location Title	Line Item Title	Amount
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

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Organization	Country	Year	Location Title	Line Item Title	Amount
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 Upgrac	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	F	Y 2017 MILITA	ARY CON	STRUCTI	ON PR	OGRAM		2. DATE	
Joint Staff	-							F	ebruary 2016
3. INSTALLATION AND LOCA	ATION	4. COMMAND						5. AREA C	CONSTRUCTION
			Secretary	of Defense	e			COSTI	NDEA
Various								Vario	ous
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6. PERSONNEL STRENGTH	PER	MANENT		STUDENTS		SU	PPORTE	D	
	OFFICER E	ENLIST CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A.									
В.									
		7. IN	IVENTORY I	DATA (\$000)				
A. TOTAL AREA.									
B. INVENTORY TOTAL AS O)F								
C. AUTHORIZATION NOT YI	ET IN INVENTO	DRY							
D. AUTHORIZATION REQUE	ESTED IN THIS	PROGRAM							
E. AUTHORIZATION INCLUI	DED IN FOLLO	WING PROGRAM							
F. PLANNED IN NEXT THRE	E YEARS								
G. REMAINING DEFICIENCY	<i>I</i>								
H. GRAND TOTAL									
8. PROJECTS REQUESTED IN	THIS PROGRAM	И :							
CATEGORY PROJECT		PROJEC	T TITLE			COST		DESIGN	STATUS
CODE NUMBER Various	ERI: Unspecifie	d Minor Construction	n			(\$000) 5,000		START N/A	COMPLETE N/A
	1								
9. FUTURE PROJECTS									
CATEGORY		PROJECT TITL	F			COST (\$000)			
CODE		TROJECT IIIE	L			(\$000)			
	TION								
10. MISSION OK MAJOK FUNC	LIION								
Various	ION AND SAFE	TV DEFICIENCIES							
		I I DEI ICIENCIES							
None									

1. Component Joint Staff	FY 20 1	17 <u>MILITARY CO</u>	NSTRU	UCTION	PROJ	ЕСТ	DATA	2. Date February	2016
3. Installation and Lo	ocation/UIC:			4. Pi	roject	Titl	e	1	
Various				EF Cc	ERI Unspecified Minor Construction				
5. Program Element		6. Category Code	7.	Project Number 8. Project Cost (\$000))0)		
N/A		N/A		N/A			5.(000	
		0.00	ST ESTU	MATES			-,-		
		J. CO	51 E91II		Quan	tity	Unit Cost	Cost (\$000)
ERI Unspecified Mi	nor Constru	ction		LS	Quan	uty	Clint Cost	\$5,0	000
10. Description of I	Proposed Cor	istruction							
Budget Subactivity	: Unspecifi	ed Minor Construction							
Unspecified Minor Reassurance Initia	Constructio	on is required to enable E	Exercise l	Related Co	nstructio	on in su	apport of Eur	opean	
11 Requirement Multiple projects v ERI.	t : vill be requin	red to carry out various I	FY 2017	military ex	ercises v	vith N	ATO partners	s that further	r the
IMPACT IF NOT constructed, advers	PROVIDED sely affecting	b: If this funding is not p g the Department's abili	provided, ty to exec	exercise recute the ER	elated mi RI-related	inor co 1 assur	onstruction pr ance strategie	ojects will n es.	not be
12. Supplemental	Data:								
 a. Estimated des. b. Equipment pro- c. Estimated Cor ADDITIONAL: T reimbursement. A 	ign data: No ovided from astruction Av The FY 2015 s projects ar	ot applicable. other appropriations: N ward/Start/End dates: no National Defense Autho e identified, they will be	lot applic ot applica orization e submitte	able. ble. Act require ed for pre-f	es all ER	I proje	ects to be sub	mitted for N	JATO

DD Form 1391

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

			(\$	in thousa	nds)	
			CY	CY		Page
Service	Base/Camp	Project Title	2017	2018	Total	No.
Defense-	Wide		95,500	42,000	137,500	
	<i>Defense Logistics</i> Camp Carroll	Agency (DLA)				
	Sus DL	tainment Facilities Upgrade Phase 1 – A Warehouse	74,600	-	74,600	203
	<i>Department of De</i> USAG Humphre	efense Education Activity (DODEA) ys				
	Ele	mentary School	-	42,000	42,000	205
	Special Operation	ns Command (SOCOM) Warfare Command Varial Operations Command, Korpa				
	(S (S	OCKOR) Contingency Operations Center and Barracks	9,900	_	9,900	208
	K-16 Air Base					
	Sr Ol	perations Forces (SOF)	11,000	-	11,000	211

1. Component	CY 2017 REPUBLIC OF KOREA FUNDED CONSTRUCTION 2. Date						
DLA	(ROKFC)PR	(ROKFC)PROJECT DATA FEBRUARY 2016					
3. Installation and Locat	ion	4. Projec	t Title				
CAMP CARROLL, DAEG	U, SOUTH KOREA	Sustainment Facilities Upgrade Ph 1 - DLA Warehouse					
5. Program Element	6. Category Code	7. Projec	t Number	8. Pro	ject Cost (\$0	t Cost (\$000)	
N/A	441	A17R62	5 (870)	08)	74,	600	
9. COST ESTIMATES							
	Item		U/M	Quantity	Unit Cost	Cost (\$000)	
PRIMARY FACILITIES .			-	-	-	48,435	
DLA GENERAL PURPOSE	WAREHOUSE (CC 44110)	• • • • •	SM	25,799	1,710.55	(44,130)	
DLA HAZMAT STORAGE	FACILITY (CC 44135)		SM	1,858	2,268.69	(4,215)	
SUPPORTING FACILITIE	S		-	-	-	18,356	
SITE UTILITIES			LS	-	-	(2,879)	
SITE PREPARATION, P.	AVING & IMPROVEMENTS		LS	-	-	(4,394)	
PILE FOUNDATION		••••	LS	-	-	(5,202)	
DEMOLITION		• • • • •	LS	-	-	(1,201)	
SWING SPACE		••••	LS	-	-	(1, 3/8)	
SUSTAINABLE DESIGN	E PROIECTION	••••	LS LS	_	_	(1,650) (1,452)	
SUSTAINABLE DESIGN		••••	СЦ			$\frac{(1, 1)2}{(2, 1)}$	
		••••	-	_	-	00,701 2,225	
CONTINGENCI (56)	·····	••••	-	_	_	<u>3,335</u> 70,026	
CUDEDVICION INCDECT	TON & OVERHEAD (STOP) (6	52)	_			/0,030	
TOTAI	ION & OVERHEAD (SIOH) (0.	. 5%) .	-	_	_	4,552	
101AL		••••	_	-	-	/=,500	
TOTAL (ROUNDED)		••••				74,600	
EQUIPMENT FROM OTHER	APPROPRIATIONS	••••	-	-	-	(7,800)	
Host Nation programs Construct a general dock space, dock lev concrete pavement fo utilities, emergency parking, sidewalks, communications, secu parameters, anti-ter preparation/improvem dilapidated structur	10. Description of Proposed Construction: Host Nation programs (Republic of Korea) will be funding this requirement. Construct a general purpose warehouse and hazardous material storage facility with covered dock space, dock levelers and HVAC climate controls. Provide a truck weigh station and new concrete pavement for staging and dedicated short and long-term container storage. Provide utilities, emergency generator, oil water separator, storm sewer, site drainage, pavements, parking, sidewalks, curbs, gutters, lighting, fencing, gates, fire protection systems, communications, security systems, building information systems, sustainable design parameters, anti-terrorism/force protection, environmental remediation, site preparation/improvements, swing space and other supporting facilities. Demolish existing						
11. REQUIREMENT: 27,657	SM ADEQUATE: 0	SM		SUBSTANDAR	D: 9,299 SM		
<pre>PROJECT: Construct supporting staging a REQUIREMENT: Adequat are required to supp (TCSP) at Camp Carro Defense Logistics Ag distribute critical and wartime requirem Sustainment Faciliti and Modernization Pl 1 Replace Warehous 2 U.S. Army Materi 3 403rd Army Field Prepositioned St 4 Reconfigured Rai</pre>	a general purpose warehound storage areas. (C) e facilities that meet cu ort the U.S. Forces Korea 11, U.S. Army Garrison (U ency (DLA) and are necess supplies to Service Compo ents. This is the first of es Upgrade to implement t an. The plan comprises for e for Defense Logistics A al Support Center, Korea Support Battalion (403ro ock-4 (APS4)Warehouse. lyard, railcar storage, W	use and a urrent si a (USFK) JSAG) Dae sary for onents or of four p the Eight our phase Agency (1 (MSC-K) d AFSBn-I Nash Rac	a haza: tandaro Theato egu. Tl DLA to t USFK phases th Army es: DLA). Wareho NEA), 2 c, Veh:	rdous mate ds and sup er Consoli hese facil o effectiv to meet p at Camp C y's Southe ouse. Army Susta icle Maint	erial wareho oport greate dation Ship ities are o vely receive beacetime, o Carroll for ern Hub Base ainment Comm cenance Fac:	ouse with er throughput opping Point operated by the e, process, and contingency, the overall e Development mand/Army ility.	
CUIDDENT CITULATIONS	IN gurrontly operator the	, דופדע שי	ren in	oviatina	opon atoma	re areas and	

CURRENT SITUATION: DLA currently operates the USFK TCSP in existing open storage areas and semi-permanent storage buildings and sheds covering a large inefficient footprint at Camp

1. Component	CY 2017 REPUBLIC OF KOREA FUNDED CONSTRUCTION 2. Date				
DLA	(ROKFC)	(ROKFC)PROJECT DATA FEBRUARY 2016			
3. Installation and Locat	ion	4. Project Title			
CAMP CARROLL, DAEG	J, SOUTH KOREA	Sustainment Fa	cilities Wareho	s Upgrade Ph 1 - DLA ouse	
5. Program Element	6. Category Code	7. Project Number	8. Projec	t Cost (\$000)	
N/A	441	A17R625 (87008)		74,600	
Carroll. These faci	lities were constructed	in the 1960s and 19	70s and	have exceeded their	
useful life expectan	cy by several decades.	They are costly to	operate	and maintain and do	
not meet current DoD	and Life Safety Code s	tandards. They are f	ailing a	and hazardous, are not	
economically repairs	ble, and cannot handle	the volume of sustal	nment ca	argo anticipated during	
footprint some of w	hich must be vacated an	d demolished before	commenc	ing construction of the	
next phase of Camp C	arroll's overall plan.	a acmorrance berore	conunctic.	ing construction of the	
TNDACE TE NOE DOOTTO	TD. If this product is	not muchicled the IIC			
handle the volume of	ED: II this project is	not provided, the US cipated during hosti	FK TCSP lities :	will remain unable to	
operations. DLA wil	l continue to operate i	n failing, hazardous	, substa	andard and inefficient	
facilities that have	exceeded their useful	life expectancy by s	everal (decades, are costly to	
operate and maintain	, and do not meet curre	nt DoD and Life Safe	ty Code	standards.	
ADDITIONAL: The Depu	ty Assistant Secretary	of the Army for Inst	allatio	ns certifies that this	
project has been con	sidered for joint use p	otential. This faci	lity wi	ll be available for use	
by other components.	This project is locat	ed on an installatio	n that w	will be retained by	
United States Forces	Korea and Eighth Unite	d States Army.			
No portion of the fa	cility(s) to be constru	cted, as identified	within t	the scope of this	
DD1391, is intended	for Republic of Korea p	ersonnel exclusive o	r prima	ry use.	
12. Supplemental Data:					
A. Estimated Design Data:					
1. Status					
(a) Date Design S	tarted:	alan Gasta (Mas/Na)		08/15	
(c) Percent Compl	ete as of September 201	5:		5	
(d) Date 35 Perce	ent Complete:			04/16	
(e) Date Design C	complete:			02/17	
(f) Type of Desig	n Contract			D/B/B	
2. Basis					
(a) Standard or D (b) Date Design w	efinitive Design: was Most Recently Used:			No	
3. Total Cost (c)	= (a)+(b) or (d)+(b)	e) (\$000)			
(a) Production of	Plans and Specificatio	ons		3,730	
(b) All Other Des	ign Costs			3,000	
(c) Total				6,730	
(d) Contract (e) In-House				6.730	
4. Contract Award	4. Contract Award				
5. Construction Start				09/17	
6. Construction Comp	lete			03/19	
B. Equipment associated w	ith this project that will be	provided from other appr	opriation	s:	
PURPOSE	APPROPRIATION	FISCAL YEAR REQUIRED		AMOUNT (\$000)	
RACKING	DWCF	2017		7,500	
IDS & CCTV DWCF 2017 300				300	
	Point	of Contact is DLA Ge	neral Er	ngineer at 703-767-2961.	

1. COMPONENT DoDEA		REPUBL FUNDED C	IC OF K CONSTR	OREA UCTION	Ň		2. Date February 2016
3. INSTALLATION AN	D LOCA	TION		4. PRO	JECT TITLE	8:	•
USAG Humphreys, S	South Kor	ea		Elei	mentary Scho	ool	
5 PROGRAM ELEMEN	ЛТ	6 CATEGORY CODE	74 P4	CKAGE	NO	8 PROJECT CO	NST (\$000)
J. I KOOKAWI ELEWILI	11	0. CATEGORT CODE	DC	DDDS040)	0. I ROJECT CC	JS1 (\$000)
N/A		73046, 75022, 85215	7A. PR	OJECT N	NO:	\$4	2,000
			A1	1R925			
		9. COST E	STIMA	TES			
		Item		U/M	Quantity	Unit Cost	Cost (\$000)
PRIMARY FACILI	FIES						31,142
ELEMENTARY SC	CHOOL			M2	11,023	2,543	23.038
MULTIPURPOSE A	ATHLET	IC FIELD		EA	1	243,012	243
STANDBY GENER	RATOR,	DIESEL (200KW)		EA	1	79,190	79
ELEVATOR, PASS	ENGER			EA	1	216,011	216
ELEVATOR, FREI	GHT			EA	1	270,013	270
FIRST FLOOR STR	RUCTUR	AL SLAB		M2	6,065	106	642
PILE FOUNDATIO	N D D U U G		a	LM	3,265	225	734
ELECTRONIC ANI	D PHYS	ICAL SECURITY SYSTEM	S	LS	1	40,000	40
(EPSS)	VOTEMO			IS	1	870 524	000
		(PRIMART)		LS	1	879,324	880
SUPPORTING FAC	ILITIES	2		IS	1		6,052
ELECIKICAL WATED/SEWED/	245				1		074
NON-ORGANIZA'	TIONAL	PARKING		M2	5 000	40	202
PAVING. SIDEWA	ALK. CU	RB & GUTTER		LS	1	10	1.212
STORM DRAINAG	GE			LS	1		606
SITE IMPROVEM	ENT (13	0) SOIL		LS	1		2,026
AT/FP (PASSIVE)	(1%)			LS	1		280
INFORMATION S	YSTEM	(SUPPORTING)		LS	1	23,705	24
ESTIMATED CONTI	RACT C	OST (sum of primary and suppo	orting)				37,194
CONTINGENCY PEI	RCENT ((5%)					<u>1,860</u>
SUBTOTAL							39,054
SUPERVISION, INSI	PECTION	N & OVERHEAD (6.5%)					2,538
ESTIMATED CONTI	RACT C	OST (C4ISC-ISP-ACTIVE):	Tab F				<u>284</u>
TOTAL REQUEST							41,876
TOTAL REQUEST ROUNDED						42,000	
INSTALLED EQUIPMENT – OTHER APPROPRIATIONS						1,557	
10. DESCRIPTION (OF PROF	POSED CONSTRUCTION	(HOS	T NATI	ON FUNDI	ED):	1,007
Construct a multi-stor multipurpose athletic (DoDEA) Education F	10. DESCRIPTION OF PROPOSED CONSTRUCTION (HOST NATION FUNDED): 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 yer 3.0 dated 4 June 2010. The elementary school						

(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.

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

1. COMPONENT DoDEA	REPUBLIC OF KOREA FUNDED CONSTRUCTION		2. Date February 2016
3. INSTALLATION AND LOCATION		4. PROJECT TITLE:	
USAC Humphrous Couth Koree		Elementery School	

USAG Humphreys, South Kor	ea		Elementary Sch	lool
5. PROGRAM ELEMENT	6. CATEGORY CODE	7A. PA	ACKAGE NO:	8. PROJECT COST (\$000)
N/A	73046, 75022, 85215	DODDS040 7A. PROJECT NO:		\$42,000
		A	1R925	

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 (EPAct05) features will be provided.

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.

B. Connection for underground utilities is required between the facility and the utility corridor.

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.

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.

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.

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.

G. No facility demolition and disposal is required for this project.

H. Radio frequency (RF) shielding is not required for these structures.

11. REQUIREMENTS:

PROJECT:

1. Construct a DoD Dependent Elementary School and a multipurpose athletic field (Current Mission)

3. REQUIREMENT:

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.

1. COMPONENT DoDEA		2. Date February 2016				
3. INSTALLATION AN	ID LOCA	TION	4. PROJECT TITL			
USAG Humphreys, S	ea	Elementary School				
5. PROGRAM ELEMEN	ЛТ	6. CATEGORY CODE	7A. PA	CKAGE NO:	8. PROJECT COST (\$000)	
N/A		73046, 75022, 85215	DODDS040 7A. PROJECT NO: A11R925		\$42,000	

11. REQUIREMENTS (CONTINUED):

4. CURRENT SITUATION:

Adequate permanent facilities are not available to support this requirement. All existing facilities suitable for use under this facility category code are fully utilized.

5. IMPACT IF NOT PROVIDED:

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.

6. ADDITIONAL

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.

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.

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.

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.

E. PHYSICAL SECURITY: This project has been coordinated with the installation physical security plan, and all physical security measures are included.

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.

G. Comprehensive interior design package for the AE to complete as required by UFC 3-120-10.

1. Component USSOCOM	REPUBLIC OF KOREA FUNDED CONSTRUCTION (ROKFC)							2. Date FEB 2016		
3. Installation and Location/UIC:					4. Project Title:					
SPECIAL WARFARE COMMAND ICHEON,					SOCKOR CONTINGENCY					
KOREA					OPERATONS CENTER AND					
5 Program Element 6 Catagory Calls 7 D			BAKRACKS							
5. Program Element		6. Category Code 7. Proj		ject Nulliber 8.		8. PIC				
N/A		620	S	\$18R100 9,			9,90	00		
9. COST ESTIMATES										
DDIMA DV FACILI	Item		U/M	Quant	ity	Unit Cost	Cost (\$000)			
	ONS CENTE	R (CC62010) (11 800 SF)		SM	1.092	7	2 642	(2,898)		
BARRACKS/SUPP	ORT AREA	(CC72115) (23 600 SF)		SM	2,195		1 939	(4,256)		
BUILDING INFOR	MATION SY	(STFMS) (25,000 SI)		LS	2,17	5		(4,250)		
SUSTAINABLE DI	ESIGN AND	DEVELOPMENT AND ENER	GY	LS				(80)		
POLICY ACT 2005	COMPLIAN		~ -	20				(00)		
SUPPORTING FAC	CILITIES							782		
ELECTRICAL				LS				(90)		
BACKUP GENERA	ATOR			LS				(280)		
WATER, SEWER A	AND GAS			LS				(142)		
PAVING, WALKS,	CURBS AN	D GUTTERS		LS				(74)		
STORM DRAINAC	ЪЕ			LS				(30)		
SITE IMPROVEM	ENTS			LS				(60)		
DEMOLITION				LS				(30)		
ANTI-TERRORISM	I / FORCE P	ROTECTION MEASURES		LS				(76)		
SUBTOTAL								8,880		
CONTINGENCY (5%)							444		
TOTAL CONTRAC	CT COST							9,324		
SUPERVISION, IN	SPECTION A	AND OVERHEAD (6.5%)						606		
TOTAL REQUEST								9,930		
TOTAL REQUEST	D)						9,900			
EQUIPMENT FRO	EQUIPMENT FROM OTHER APPROPRIATIONS (NON-ADD) (2,60						(2,600)			
10. Description of Proposed Construction: Project is host nation funded. This new mission project requires a subterranean operations center, barracks with hygiene facilities, dining area/company										
final first includes a base of 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 nygiene facilities to accommodate both male and female personnel, and a lounge area on each										
tioor. 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 nonneation system, intrusion detection system (operations center only),										

 $\textbf{DD} \stackrel{Form}{1 \text{ Dec } 76} \textbf{1391}$
1. Component	REP	UBLIC OF KOREA F	UND	ED CONSTR	UCTION	2. Date FEB 2016	
USSOCOM	(ROKFC)						
3. Installation and Loc	cation/UIC:			4. Project Title:			
SPECIAL WARFARE COMMAND ICHEON SOCKOR CONTINGENO					ONTINGENCY	ζ.	
KOREA OPERATONS CENTER A				ND			
BARRACKS							
5. Program Element		6. Category Code	7. Pro	ject Number	8. Project Cost (\$00	00)	
N/A		620	S18R100		9,900		
back up electrica	al generat	ion, and an energy moni	toring	control system	m. All areas ha	ve heating and	
air conditioning	control sy	vstems. Air conditioning	g: 422	2 kW (120 ton	s)		
11. Requirement:	3,292 SN	I (35,400 SF) Adequa	ate: 0	SM s	ubstandard: 0 SN	1	
PROJECT: Con	struct a C	Contingency Operations	Center	r and Life Sup	port Area Barra	cks for	
Special Operatio	ons Comm	and Korea (SOCKOR).		1			
<u>REQUIREMEN'</u>	<u>T:</u> Facilit	ties needed to support S	OCK	DR's training a	and operations f	or Armistice,	
Wartime and Co	ntingency	v. Provide a life support	area	capable of sup	porting 166 per	sonnel under	
deployed standar	rds and ar	operations center to su	pport	contingency c	ommand and co	ontrol of	
Special Operatio	ns Forces	5.					
CURRENT SITU	UATION	A new facility (or faci	lity co	onversion) doe	es not exist to ac	commodate	
SOCKOR's requ	irement t	o perform this mission i	n the	Korea Theater	of Operations.	The mission is	
currently perform	ned in ina	dequate administrative	space	and tents that	require signific	ant O&M and	
man-hour costs t	o rent ten	ts, transform space, and	confi	gure operatior	is space multipl	e times each	
year. This is a c	urrent ope	erations mission, as SOC	CKOR	actively enga	ges in Phase 0 o	operations.	
This requirement	t is direct	ly tied to US Forces Kor	rea (U	SFK) Integrat	ed Priority List	(IPL) item	
#33.							
IMPACT IF NO	T PROVI	DED: This is a "need it	t now'	'requirement;	currently no fa	cilities exist or	
are programmed	to accom	modate this validated re	quire	ment. SOCK	OR's ability to r	neet existing	
and emerging mi	ission req	uirements to support the	USF	K and Geogra	phic Combatant	Commander	
will suffer consid	derably if	unable to provide adequ	late fa	cilities to emp	oloy this critical	capability.	
ADDITIONAL:	Anti-teri	orism/force protection i	neasu	res will be inc	luded in accord	ance with	
Unified Facilities	s Criteria	(UFC) 4-010-01, DOD	Minir	num Anti-terr	orism Standards	s for Buildings	
dated 9 February	2012. S	ustainable engineering p	orincip	oles will be int	egrated into the	design,	
development, and	d constru	ction of the project in ac	corda	nce with the E	Energy Policy A	ct 2005,	
Executive Order	s 13123 a	nd 13423, 10 United Sta	ates C	ode (USC) 28	02 (c), and othe	r applicable	
laws and Executi	ive orders	S. Project site is not with	nin a 1	00-year flood	plain.		
JOINT USE CEI	RTIFICA	TION: Project is host n	ation	funded. No p	ortion of the fac	ility being	
constructed is int	tended for	r Republic of Korea per	sonnel	exclusive or	primary use. US	SSOCOM	
budgets only for	those fac	ilities specifically for S	OF use	e. Common s	upport facilities	are budgeted	
by the military departments. Reference Title 10, Section 165.							
12. Supplemental Data:							
A. Design D	ata (Esti	mates)					
(1) Statu	IS						
(a) D	ate Desig	n Started			De	ec 15	
(b) Percent Complete as of January 2016 15%						15%	
(c) Date Design 35% Complete Apr 16				pr 16			
(d) Date Design 100% Complete Dec 16					ec 16		
(e) P	arametric	Cost Estimates Used to	Deve	lop Costs		Yes	

	1					0 D .		
1. Component USSOCOM	It OMREPUBLIC OF KOREA FUNDED CONSTRUCTION (ROKFC)2. Date FEB 20(ROKFC)2. Date 							
3. Installation and Lo	ocation/UIC:			4. Project Title:				
SDECIAL WADEADE COMMAND ICHE				SOCKOR CONTINGENCY				
VODEA		JIMIMAND ICHLON,		OPERATONS CENTER A		ND		
KUKEA				BARRACK	S			
5. Program Element	5. Program Element 6. Category Code 7. Project Number 8. Project Cost (\$				000)			
		620		S18P100 0.000				
N/A 620 S18R100 9,9						,900		
(f) Type of Design Contract Design Bid Build								
(g)]	Energy Stu	udy and Life Cycle Anal	ysis P	erformed		Yes		
(2) Bas	is							
(a)	Standard o	or Definitive Design Use	d			No		
(b)	Where De	sign Was Previously Us	ed			N/A		
(3) Tota	al Cost				((\$000)		
(a) I	Production	of Plans and Specificati	ion			347		
(b) .	All Other 3	Design Costs				0		
(c) [Fotal Cost	(a + b or d + e)				347		
(d)	Contract C	Cost				0		
(e)]	In-House (Cost				0		
(4) Con	struction (Contract Award Date			A	Apr 17		
(5) Con	struction S	Start Date		May 17				
(6) Con	struction (Completion Date			S	Sep 18		
B. Equipme Appropriation Equipment	ent associa	Procuring	'hich '	FY Appropria	led From Othe	r Cost \$000)		
Collateral F	<u>lt</u> cuinment	$\Omega M D W$		<u>01 Keques</u> 18	steu 1	<u>\$000)</u> 600		
C4I Equipm	ent	$\Omega M D W$		18		2 000		
Collateral E	auinment	PROC. D-W		10		2,000		
C4I Equipm	ent	PROC. D-W						
C'll Equipin	Ulit							
United States F	orces Kore	ea						
Telephone: DSI	N 723-638	5						

1. Component USSOCOM	REPUBLIC OF KOREA FUNDED CONSTRUCTION (ROKFC)					NION	2. Date FEB 2016		
3. Installation and Location/UIC: 4. Project Title:f						1			
K16 AIR BAS	SE. KORE	EA		SOF Operations Facility, B-606					
5. Program Element	- ,	6. Category Code	7. Proj	ject Nur	nber	8. Pro	oject Cost (\$00	0)	
N/A		141	A	A17R1	100		11,0	000	
	9. COST ESTIMATES								
		Item		U/M	Quant	ity	Unit Cost	Cost (\$000)	
PRIMARY FACILI	ITY							8,990	
OPERATIONS AD	MINISTRAT	TON AREA (CC14175) (36,900) SF)	SM	3,43	7	1,625	(5,585)	
LOGISTICS AND	LIFE SUPPO	RT AREA (CC72115) (21,100 \$	SF)	SM	1,96	0	1,115	(2,185)	
BUILDING INFOR	MATION SY	(STEMS		LS				(1070)	
SUSTAINABLE D	ESIGN AND	DEVELOPMENT AND ENERG	GY	LS				(150)	
POLICY ACT 2005	5 COMPLIAN	1CE							
SUPPORTING FAC	CILITIES							932	
ELECTRICAL				LS				(26)	
WATER, SEWER				LS				(98)	
PAVING, WALKS	, CURBS AN	D GUTTERS		LS				(44)	
SITE IMPROVEM	ENTS			LS			(571)		
ANTI-TERRORISM	M / FORCE P	ROTECTION MEASURES		LS				(48)	
COVERED TRAINING AREA, AIRCRAFT MOCK UP				LS				(145)	
SUBTOTAL								9,922	
CONTINGENCY (5%)								496	
TOTAL CONTRAC	CT COST							10,418	
SUPERVISION, INSPECTION AND OVERHEAD (6.5%)								677	
TOTAL REQUEST								11,095	
TOTAL REQUEST	(ROUNDEI))						11,000	
EQUIPMENT FRO	M OTHER A	PPROPRIATIONS (NON-ADI)		1 771 1			(2,600)	
10. Description of P	roposed Con	struction: Project is host r	nation	funde	ed. This	new	mission pro	oject consists	
of repair/renova	tion and u	pgrade of an existing fac	cility.	Worl	k includ	es hea	ating, venti	lation and air	
conditioning for	r office are	eas, interior electrical, pl	umbin	ng, pai	rtitions,	roof,	structural e	elements,	
insulation, fire	protection,	, alarm system, and archi	itectur	al mo	dificatio	ons 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 have. Life support area consists of open hav billeting, hygiene									

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,

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1.	Com	pone	nt	
1	USS	OC	ON	1

REPUBLIC OF KOREA FUNDED CONSTRUCTION (ROKFC)

4. Project Title:f

3. Installation and Location/UIC:

K16 AIR BASE, KORE		SOF Operations Facility, B-606		
5. Program Element	6. Category Code	7. Project Number		8. Project Cost (\$000)
N/A	141	A	A17R100	11,000

and all other necessary works for a complete and usable facility. Project includes antiterrorism/force protection measures.

Air conditioning: 710 kW (202 tons)

11. Requirement: 5,397 SM (58,000 SF) Adequate: 0 SM Substandard: 0 SM PROJECT: 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.

REQUIREMENT: 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.

CURRENT SITUATION: 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.

IMPACT IF NOT PROVIDED: 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.

ADDITIONAL: 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.

JOINT USE CERTIFICATION: 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.

12. Supplemental Data: A.

Design Data (Estimates)	
(1) Status	
(a) Date Design Started	Dec 15
(b) Percent Complete as of January 2016	5%
(c) Date Design 35% Complete	Apr 16
(d) Date Design 100% Complete	Dec 16
(e) Parametric Cost Estimates Used to Develop Costs	Yes

1. Component USSOCOM	REPUBLIC OF KOREA FUNDED CONSTRUCTION (ROKFC) 2. Date FEB						
3. Installation and Location/UIC: 4. Project Title:f							
K16 AIR BASE, KOREA SOF Operations Facility, B-606							
5. Program Element6. Category Code7. Project Number8. Project Cost (\$00)					00)		
N/A 141 A17R100 11,000					000		
(f) Type of Design Contract Design Bid Build							
(g) Energy Study and Life Cycle Analysis Performed Yes							
(2) Bas			1		NT		
(a) (b)	Standard o Whore De	or Definitive Design Use	ed ed		INO N/A		
(0)	al Cost	sign was rieviously Us	cu	(\$	1N/A 000)		
(3) 10a	n Cost Production	of Plans and Specificat	ion	(Ψ	385		
(a) 1 (b)	All Other 1	Design Costs			0		
(c)	Fotal Cost	(a + b or d + e)			385		
(d)	Contract C	lost			0		
(e)]	In-House C	Cost			0		
(4) Con	struction (Contract Award Date		Ap	or 17		
(5) Con	struction S	Start Date		Ma	iy 17		
(6) Con	struction (Completion Date		Se	ep 18		
B. Equipme Appropriatio	ent associa ons:	ted With This Project W	Thich Will be Provid	led From Other	Cont		
Equipment	***	Procuring	FY Appropria	ated (the	Cost		
Collateral E	<u>re</u> quinment	$\frac{Appropriation}{O&M D W}$	<u>or Reques</u> 18	$\frac{\text{or Requested}}{18} \qquad			
C4I Equipm	ent	O&M D-W	18	2	000		
Collateral E	auipment	PROC. D-W	10		,000		
C4I Equipm	ent	PROC. D-W					
United States F	orces Kore	ea -					
Telephone: DSI	N 723-638	5					