Department of the Air Force

Military Construction Program

Fiscal Year (FY) 2012
Budget Estimates

Justification Data Submitted to Congress
February 2011

Note: An addendum reflecting language changes to the Blanchford-Preston Complex, Phase IV was submitted to Congress in September 2011

DEPARTMENT OF THE AIR FORCE
MILITARY CONSTRUCTION PROGRAM FISCAL YEAR 2012
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Department of the Air Force
Military Construction and Military Family Housing
Program Summary
Fiscal Year 2012

	Authorization Request ($000s)	Appropriation Request ($000s)
Military Construction		
Inside the United States	**1,327,648**	**913,648**
Outside the United States	**349,297**	**349,297**
Planning and Design (10 USC 2807)	**81,913**	**81,913**
Unspecified Minor Construction (10 USC 2805)	**20,000**	**20,000**
Total Military Construction	**1,778,858**	**1,364,858**
Military Family Housing		
New Construction	**0**	**0**
Improvements	**80,596**	**80,596**
Planning and Design	**4,208**	**4,208**
Subtotal	**84,804**	**84,804**
Operations, Utilities and Maintenance	**276,293**	**276,293**
Leasing	**80,897**	**80,897**
Privatization	**47,571**	**47,571**
Subtotal	**404,761**	**404,761**
Total Military Family Housing	**489,565**	**489,565**
Grand Total Air Force	**2,268,423**	**1,854,423**

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INSTALLATION INDEX

INSTALLATION	COMMAND	STATE/COUNTRY	PAGE
AL UDEID	CENTCOM	QATAR	193
BARKSDALE	AFGSC	LOUISIANA	67
CANNON	AFSOC	NEW MEXICO	90
DAVIS-MONTHAN	ACC	ARIZONA	29
DOVER	AMC	DELAWARE	55
EIELSON	PACAF	ALASKA	21
FAIRCHILD	AMC	WASHINGTON	148
FORT RILEY	ACC	KANSAS	63
HILL	AFMC	UTAH	137
HOLLOMAN	ACC	NEW MEXICO	97
JB ELMENDORF-RICHARDSON	PACAF	ALASKA	25
JB LANGLEY-EUSTIS - FORT EUSTIS	ACC	VIRGINIA	144
JB SAN ANTONIO - FORT SAM HOUSTON	AETC	TEXAS	128
JB SAN ANTONIO - LACKLAND	AETC	TEXAS	132
JRM - ANDERSEN	PACAF	GUAM	163
KIRTLAND	AFMC	NEW MEXICO	110
LUKE	AETC	ARIZONA	36
MINOT	AFGSC	NORTH DAKOTA	118
NELLIS	ACC	NEVADA	80
OFFUTT	ACC	NEBRASKA	75
OSAN	PACAF	KOREA	189
PATRICK	AFSPC	FLORIDA	59
POPE AAF, FORT BRAGG	AMC	NORTH CAROLINA	114
RAMSTEIN	USAFE	GERMANY	155
SIGONELLA	ACC	ITALY	185
THULE	AFSPC	GREENLAND	159
TRAVIS	AMC	CALFORNIA	43
USAF ACADEMY	USAFA	COLORADO	51
VANDENBERG	AFSPC	CALIFORNIA	47
WHITEMAN	AFGSC	MISSOURI	71

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DEFINITIONS OF NEW AND CURRENT MISSION

NEW MISSION PROJECTS – New mission projects all support new and additional programs or initiatives that do not revitalize the existing physical plant. These projects support the deployment and bed-down of new weapons systems: new or additional aircraft, missile and space projects; new equipment, e.g. radar, communication, computer satellite tracking and electronic security.

CURRENT MISSION PROJECTS – These projects revitalize the existing facility plant by replacing or upgrading existing facilities and alleviating long-standing deficiencies not generated by new missions or equipment. Included are projects to improve the quality of life, upgrade the workplace, enhance productivity and achieve compliance with environmental, health and safety standards.

FY12	AUTH ($000)	APPROP ($000)
NEW MISSION	515,048	515,048
CURRENT MISSION	1,082,897	747,897
PLANNING & DESIGN	81,913	81,913
MINOR CONSTRUCTION	20,000	20,000
TOTAL:	1,699,858	1,364,858

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MILITARY CONSTRUCTION PROGRAM FISCAL YEAR 2012
(DOLLARS IN THOUSANDS)
CURRENT MISSION/NEW MISSION BREAKOUT

STATE/COUNTRY	INSTALLATION	PROJECT	AUTHORIZATION REQUEST	APPROPRIATION REQUEST
ALASKA	EIELSON	Dormitory (168 Room)	$45,000	$45,000
CALIFORNIA	TRAVIS	Dormitory (144 Room)	$22,000	$22,000
CALIFORNIA	VANDENBERG	Education Center	$14,200	$14,200
COLORADO	USAF ACADEMY	Construct Large Vehicle Inspection Station	$13,400	$13,400
FLORIDA	PATRICK	Air Force Technical Application Center	$0	$79,000
GERMANY	RAMSTEIN	Dormitory (144 Room)	$34,697	$34,697
GREENLAND	THULE	Dormitory (192 Room)	$28,000	$28,000
GUAM	ANDERSEN	Air Freight Terminal Complex	$35,000	$35,000
GUAM	ANDERSEN	PRTC - Combat Communications Combat Support Facility	$9,800	$9,800
GUAM	ANDERSEN	PRTC - Combat Communications Transmission System Facility	$5,600	$5,600
GUAM	ANDERSEN	PRTC - Red Horse Cantonment Operations Facility	$14,000	$14,000
KOREA	OSAN	Dormitory (156 Room)	$23,000	$23,000
MISSOURI	WHITEMAN	WSA Security Control Facility	$4,800	$4,800
NEBRASKA	OFFUTT	USSTRATCOM Replacement Facility	$564,000	$150,000
NEVADA	NELLIS	Communications Network Control Center	$11,600	$11,600
NEW MEXICO	HOLLOMAN	Child Development Center	$11,200	$11,200
NORTH DAKOTA	MINOT	Dormitory (168 Room)	$22,000	$22,000
QATAR	AL UDEID	Blatchford-Preston Complex, Phase IV	$37,000	$37,000
TEXAS	FORT SAM HOUSTON	AIT Barracks (300 RM)	$46,000	$46,000
TEXAS	LACKLAND	BMT Recruit Dormitory 4, Phase 4	$64,000	$64,000
VIRGINIA	FORT EUSTIS	AIT Barracks Complex, Phase 2	$50,000	$50,000
WASHINGTON	FAIRCHILD	SERE Force Support, Phase 2	$14,000	$14,000
WASHINGTON	FAIRCHILD	Wing Headquarters	$13,600	$13,600
		Current Mission TOTAL:	$1,082,897	$747,897
ALASKA	ELMENDORF	Brigade Combat Team (Light) Complex (480 RM)	$97,000	$97,000
ARIZONA	DAVIS-MONTHAN	EC-130H Simulator/Training Operations	$20,500	$20,500
ARIZONA	DAVIS-MONTHAN	HC-130J Joint Use Fuel Cell	$12,500	$12,500
ARIZONA	LUKE	F-35 ADAL Aircraft Maintenance Unit	$6,000	$6,000
ARIZONA	LUKE	F-35 Squad Ops/AMU	$18,000	$18,000
DELAWARE	DOVER	C-5M Formal Training Unit Facility	$2,800	$2,800
GUAM	ANDERSEN	Guam Strike - Clear Water Rinse Facility	$7,500	$7,500
GUAM	ANDERSEN	Guam Strike - Conventional Munition Maintenance Facility	$11,700	$11,700
GUAM	ANDERSEN	Guam Strike - Fuel System Maintenance Hangar	$128,000	$128,000
ITALY	SIGONELLA	UAS SATCOM Relay Pads and Facility	$15,000	$15,000
KANSAS	FORT RILEY	Air Support Operations Center	$7,600	$7,600
LOUISIANA	BARKSDALE	Mission Support Group Complex	$23,500	$23,500
NEVADA	NELLIS	F-35A Add/Alter Engine Shop	$2,750	$2,750
NEVADA	NELLIS	F-35A AGE Facility	$21,500	$21,500
NEW MEXICO	CANNON	ADAL Wastewater Treatment Plant	$7,598	$7,598
NEW MEXICO	CANNON	Dormitory (96 Room)	$15,000	$15,000
NEW MEXICO	HOLLOMAN	F-16 Academic Facility	$5,800	$5,800
NEW MEXICO	HOLLOMAN	F-16 Parallel Taxiway, RWY 07/25	$8,000	$8,000
NEW MEXICO	HOLLOMAN	F-16 SEAD Training Facility	$4,200	$4,200
NEW MEXICO	KIRTLAND	AFNWC Sustainment Center	$25,000	$25,000
NORTH CAROLINA	POPE	C-130 Flight Simulator	$6,000	$6,000
NORTH DAKOTA	MINOT	B-52 3-Bay Conventional Munitions Maintenance Facility	$11,800	$11,800
NORTH DAKOTA	MINOT	B-52 Two-Bay Phase Maintenance Dock	$34,000	$34,000
UTAH	HILL	F-22 System Support Facility	$16,500	$16,500
UTAH	HILL	F-35 ADAL Hangar 45E/AMU	$6,800	$6,800
		New Mission TOTAL:	$515,048	$515,048
WORLDWIDE UNSPECIFIED	UNSPECIFIED	Planning and Design	$81,913	$81,913
WORLDWIDE UNSPECIFIED	UNSPECIFIED	Unspecified Minor Construction	$20,000	$20,000
		Central Program TOTAL:	$101,913	$101,913
		Active AF Program TOTAL:	1,699,858	1,364,858

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MILITARY CONSTRUCTION PROGRAM FISCAL YEAR 2012
(DOLLARS IN THOUSANDS)
INSIDE THE US

STATE/COUNTRY	INSTALLATION	PROJECT	AUTHORIZATION REQUEST	APPROPRIATION REQUEST	PAGE
ALASKA	Eielson	Dormitory (168 Room)	45,000	45,000	20
		Eielson Total	45,000	45,000	
	JB Elmendorf-Richardson	Brigade Combat Team (Light) Complex (480 RM)	97,000	97,000	24
		Elmendorf TOTAL:	97,000	97,000	
		ALASKA TOTAL:	142,000	142,000	
ARIZONA	Davis-Monthan	EC-130H Simulator/Training Operations	20,500	20,500	28
		HC-130J Joint Use Fuel Cell	12,500	12,500	31
		Davis-Monthan TOTAL:	33,000	33,000	
	Luke	F-35 ADAL Aircraft Maintenance Unit	6,000	6,000	35
		F-35 Squad Ops/AMU 2	18,000	18,000	38
		Luke TOTAL	24,000	24,000	
		ARIZONA TOTAL:	57,000	57,000	
CALIFORNIA	Travis	Dormitory (144 Room)	22,000	22,000	42
		Travis TOTAL	22,000	22,000	
	Vandenberg	Education Center	14,200	14,200	46
		Vandenberg TOTAL	14,200	14,200	
		CALIFORNIA TOTAL	36,200	36,200	
COLORADO	USAF Academy	Construct Large Vehicle Inspection Station	13,400	13,400	50
		USAF Academy TOTAL	13,400	13,400	
		COLORADO TOTAL	13,400	13,400	
DELAWARE	Dover	C-5M Formal Training Unit Facility	2,800	2,800	54
		Dover TOTAL	2,800	2,800	
		DELAWARE TOTAL	2,800	2,800	
FLORIDA	Patrick	Air Force Technical Application Center	0	79,000	58
		Patrick TOTAL	0	79,000	
		FLORIDA TOTAL	0	79,000	
KANSAS	Fort Riley	Air Support Operations Center	7,600	7,600	62
		Fort Riley TOTAL:	7,600	7,600	
		KANSAS TOTAL:	7,600	7,600	
LOUISIANA	Barksdale	Mission Support Group Complex	23,500	23,500	66
		Barksdale TOTAL:	23,500	23,500	
		LOUISIANA TOTAL:	23,500	23,500	
MISSOURI	Whiteman	WSA Security Control Complex	4,800	4,800	70
		Whiteman TOTAL:	4,800	4,800	
		MISSOURI TOTAL:	4,800	4,800	
NEBRASKA	Offutt	USSTRATCOM Replacement Facility	564,000	150,000	74
		Offutt TOTAL	564,000	150,000	
		NEBRASKA TOTAL	564,000	150,000	
NEVADA	Nellis	Communications Network Control Center	11,600	11,600	79
		F-35 Add/Alter Engine Shop	2,750	2,750	82
		F-35A AGE Facility	21,500	21,500	85
		Nellis TOTAL	35,850	35,850	
		NEVADA TOTAL	35,850	35,850	
NEW MEXICO	Cannon	ADAL Wastewater Treatment Plant	7,598	7,598	89
		Dormitory (96 Room)	15,000	15,000	92
		Cannon TOTAL	22,598	22,598	
	Holloman	Child Development Center	11,200	11,200	96
		F-16 Academic Facility	5,800	5,800	99
		F-16 Parallel Taxiway, RWY 07/25	8,000	8,000	102
		F-16 SEAD Training Facility	4,200	4,200	105
		Holloman TOTAL:	29,200	29,200	
	Kirtland	AFNWC Sustainment Center	25,000	25,000	109
		Kirtland TOTAL	25,000	25,000	
		NEW MEXICO TOTAL:	76,798	76,798	
NORTH CAROLINA	Pope AAF, Fort Bragg	C-130 Flight Simulator	6,000	6,000	113
		Pope AAF, Fort Bragg TOTAL:	6,000	6,000	
		NORTH CAROLINA TOTAL:	6,000	6,000	
NORTH DAKOTA	Minot	B-52 3-Bay Conventional Munitions Maintenance Facility	11,800	11,800	117

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INSIDE THE US

STATE/COUNTRY	INSTALLATION	PROJECT	AUTHORIZATION REQUEST	APPROPRIATION REQUEST	PAGE
		B-52 Two-Bay Phase Maintenance Dock	34,000	34,000	120
		Dormitory (168 Room)	22,000	22,000	123
		Minot TOTAL:	67,800	67,800	
		NORTH DAKOTA TOTAL:	67,800	67,800	
TEXAS	JB San Antonio, Fort Sam Hou	AIT Barracks (300 RM)	46,000	46,000	127
		JB San Antonio, Fort Sam Houston TOTAL:	46,000	46,000	
	JB San Antonio, Lackland	BMT Recruit Dormitory 4, Phase 4	64,000	64,000	131
		JB San Antonio, Lackland TOTAL:	64,000	64,000	
		TEXAS TOTAL:	110,000	110,000	
UTAH	Hill	F-22 System Support Facility	16,500	16,500	136
		F-35 ADAL Hangar 45E/AMU	6,800	6,800	139
		Hill TOTAL:	23,300	23,300	
		UTAH TOTAL:	23,300	23,300	
VIRGINIA	JB Langley-Eustis, Fort Eustis	AIT Barracks Complex, Phase 2	50,000	50,000	143
		JB Langley-Eustis, Fort Eustis TOTAL:	50,000	50,000	
		VIRGINIA TOTAL:	50,000	50,000	
WASHINGTON	Fairchild	SERE Force Support, Phase 2	14,000	14,000	147
		Wing Headquarters	13,600	13,600	150
		Fairchild TOTAL	27,600	27,600	
		WASHINGTON TOTAL	27,600	27,600	
		INSIDE THE US TOTAL:	1,248,648	913,648	

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MILITARY CONSTRUCTION PROGRAM FISCAL YEAR 2012
(DOLLARS IN THOUSANDS)
OUTSIDE THE U.S.

STATE/COUNTRY	INSTALLATION	PROJECT	AUTHORIZATION REQUEST	APPROPRIATION REQUEST	PAGE
GERMANY	Ramstein	Dormitory (192 RM)	34,697	34,697	154
		Ramstein TOTAL	34,697	34,697	
		GERMANY TOTAL:	34,697	34,697	
GREENLAND	Thule	Dormitory (72 PN)	28,000	28,000	158
		Thule TOTAL	28,000	28,000	
		GREENLAND TOTAL:	28,000	28,000	
GUAM	JRM - Andersen	Air Freight Terminal Complex	35,000	35,000	162
		Guam Strike - Clear Water Rinse Facility	7,500	7,500	165
		Guam Strike - Conventional Munition Maintenance Facility	11,700	11,700	168
		Guam Strike - Fuel Systems Maintenance Hangar	128,000	128,000	171
		PRTC - Combat Communications Combat Support Facility	9,800	9,800	174
		PRTC - Combat Communications Transmission System Facility	5,600	5,600	177
		PRTC - Red Horse Cantonment Operations Facility	14,000	14,000	180
		Andersen TOTAL:	211,600	211,600	
		GUAM TOTAL:	211,600	211,600	
ITALY	Sigonella	UAS SATCOM Relay Pads and Facility	15,000	15,000	184
		Sigonella TOTAL:	15,000	15,000	
		ITALY TOTAL:	15,000	15,000	
KOREA	Osan	Dormitory (156 RM)	23,000	23,000	188
		Osan TOTAL	23,000	23,000	
		KOREA TOTAL	23,000	23,000	
QATAR	Al Udeid	Blatchford-Preston Complex, Phase IV	37,000	37,000	192
		Al Udeid Total	37,000	37,000	
		QATAR TOTAL	37,000	37,000	
		OUTSIDE THE US TOTAL:	349,297	349,297	
WORLDWIDE					
	Various	P-341 Unspecified Minor Construction	20,000	20,000	195
		P&D - Planning & Design	81,913	81,913	197
		WORLDWIDE UNSPECIFIED TOTAL	101,913	101,913	
		INSIDE THE US TOTAL:	1,248,648	913,648	
		OUTSIDE THE US TOTAL:	349,297	349,297	
		WORLDWIDE UNSPECIFIED TOTAL:	101,913	101,913	
		FY 2012 TOTAL:	1,699,858	1,364,858	

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DEPARTMENT OF THE AIR FORCE
MILITARY CONSTRUCTION PROGRAM FISCAL YEAR 2012

ECONOMIC CONSIDERATIONS

An economic evaluation has been accomplished for all projects costing over $2 million and the results are addressed in the individual DD Forms 1391.

DESIGN FOR ACCESSIBILITY OF PHYSICALLY HANDICAPPED PERSONNEL

In accordance with Public Law 90-480 provisions for physically handicapped personnel will be provided for, where appropriate, in the design of facilities included in this program.

ENVIRONMENTAL STATEMENT

In accordance with Section 102(2)(c) of the National Environmental Policy Act of 1969 (PL 91-190), the environmental impact analysis process (EIAP) has been completed or is actively underway for all projects in the Air Force FY 2012 Military Construction Program.

EVALUATION OF FLOOD PLAINS AND WETLANDS

All projects in the program have 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. 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.

FY 2012

CONGRESSIONAL REPORTING REQUIREMENTS

1. STATEMENTS ON NATO ELIBIBILITY

These are in response to the requirement in the FY 1988 Senate Appropriations Committee Report, 100-200, page 13, and are included in the appropriate project justification.

2. STATEMENTS ON COMPLIANCE WITH CONSTRUCTION MANUAL 4210M

These are in response to the requirement in the FY 1988 Senate Appropriations Conference Report, 100-498, page 1003, and are included in each project justification.

3. NEW AND CURRENT MISSION ACTIVITIES

The FY 1989 Senate Appropriations Committee Report, 100-380, pages 10 and 11, identified a requirement to include an exhibit in the budget justification books that displayed required projects in two separate categories: New Mission and Current Mission. The CM (current mission) or NM (new mission) designation, which follows the project on the listing at page 9, identifies each project as new or current mission. Additionally, each justification in Block 11 of the DD Form 1391 indicates whether the project supports a new or current mission.

4. REAL PROPERTY ADMINISTRATION

The FY 1977 House Appropriations Committee Report, 104-591, page 11, requested the Department to provide the real property maintenance backlog at all installations for which there is a requested construction project. Each DD Form 1390 reflects this information in block 12. In addition, the report requested all troop housing requests to show all real property maintenance conducted in the past two years and all future requirements for unaccompanied housing at that installation. Each DD Form 1391 for troop housing reflects this information in block 11.

5. METRIC CONVERSION

The FY 1999 House Appropriation Committee Report, 105-578, page 11, requested the Department to ensure that any Form 1390/1391, which is presented as justification in metric measurement, shall include parenthetically the English measurement. Each DD Form 1391 reflects the metric and English equivalent in block 11.

FY 2012

NON-MILCON FUNDING

Research and Development (RDT&E) NONE

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APPROPRIATIONS LANGUAGE

MILITARY CONSTRUCTION, AIR FORCE

For acquisition, construction, installation and equipment of temporary or permanent public works, military installations, facilities and real property of the Air Force as currently authorized by law $1,364,858,000 to remain available until September 30, 2016: Provided that, of this amount, not to exceed $81,913,000 shall be available for study, planning, design and architect and engineer services, as authorized by law, unless the Secretary of the Air Force 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 reasons therefor.

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1. COMPONENT AIR FORCE	**FY 2012 MILITARY CONSTRUCTION PROGRAM**	2. DATE

3. INSTALLATION AND LOCATION	4. COMMAND	5. AREA CONSTRUCTION COST INDEX
EIELSON AIR FORCE BASE ALASKA	PACIFIC AIR FORCES	2.20

6. PERSONNEL STRENGTH	PERMANENT			STUDENTS			SUPPORTED			TOTAL
	OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV	
AS OF 30 SEP 10	168	1,716	416							2,300
END FY 2015	169	1,711	419							2,299

7. INVENTORY DATA ($000)

Total Acreage	19,790	
INVENTORY TOTAL AS OF SEPTEMBER 30 2010:		$6,881,612
Authorization Not Yet In Inventory:		$68,350
Authorization Requested In This Program:		$45,000
Planned in Next Four Program Years:		$191,837
Remaining Defiency:		$32,000
Grand Total:		$7,218,799

8. PROJECTS REQUESTED IN THIS PROGRAM: (FY 2012)

CATEGORY CODE	PROJECT TITLE	SCOPE	COST ($000)	DESIGN STATUS START	DESIGN STATUS CMPL
721-312	Dormitory (168 RM)	168 RM	$45,000	Design /Build	
		Total	$45,000		

9a. FUTURE PROJECTS: TYPICAL PLANNED NEXT FOUR YEARS:

422-253	Construct 12 Bay Multi-Cube		$4,600
721-312	Dormitory (168 RM)		$50,000
721-312	Dormitory (168 RM)		$49,000
740-883	Replace Youth Center		$13,600
821-117	Auxiliary Heat Plant		$9,937
821-117	Repair Central Heat and Power Plant Boilers, Phase 3		$32,000
821-117	Repair Central Heat and Power Plant Boilers, Phase 4		$32,700
		Total	$191,837

9b. REAL PROPERTY MAINTENANCE BACKLOG THIS INSTALLATION ($M) 56

10. Mission or Major Functions: Eielson AFB is home to the 354th Fighter Wing. Its mission is to train, deliver, maintain and support combat power across the globe while taking care of our people, their families and our infrastructure; it is host to an operations group with an F-16 squadron, and maintenance, mission support and medical groups, as well as 10 tenant units, to include Alaska's Air National Guard 168th Air Refueling Wing.

11. Outstanding pollution and Safety (OSHA Deficiencies):

a. Air pollution	0
b. Water Pollution	0
c. Occupational Safety and Health	0
d. Other Environmental	0

DD Form 1390, 24 Jul 00

1. COMPONENT	FY 2012 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AIR FORCE	(computer generated)	

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
EIELSON AIR FORCE BASE, ALASKA	DORMITORY (168 RM)

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
27576	721-312	FTQW083005	45,000

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITY				29,903
DORMITORY	SM	6,384	4,592	(29,316)
SDD & EP ACT 05	LS			(586)
SUPPORTING FACILITIES				8,978
SITE IMPROVEMENTS	LS			(759)
UTILITIES & UTILIDORS	LS			(913)
PAVEMENTS	LS			(858)
COMMUNICATIONS	LS			(1,366)
DEMOLITION	SM	7,944	552	(4,382)
ENVIRONMENTAL REMEDIATION	LS			(450)
PASSIVE FORCE PROTECTION	LS			(250)
SUBTOTAL				38,881
CONTINGENCY (5.0%)				1,944
TOTAL CONTRACT COST				40,825
SUPERVISION, INSPECTION AND OVERHEAD (6.5%)				2,654
DESIGN/BUILD - DESIGN COST (4.0% OF SUBTOTAL)				1,555
TOTAL REQUEST				45,033
TOTAL REQUEST (ROUNDED)				45,000)
EQUIPMENT FROM OTHER APPROPRIATIONS (NON-ADD)				(1,100

10. Description of Proposed Construction: Construct a 168 room, three-story dormitory with reinforced concrete foundation and floor slab, masonry walls and roof. Other work includes: site improvements, parking, roadway, arctic utilidor, contaminated soil remediation, all supporting facilities, and the demolition of buildings and other supporting facilities in the way of construction. Dormitory design and building orientation will consider local climate conditions and geographical requirements. This project will comply with DoD anti-terrorism/force protection requirements per Unified Facilities Criteria.

Air Conditioning: 0 Tons Grade Mix: E1-E4 168

11. Requirement: 554 RM Adequate: 276 RM Substandard: 285 RM

PROJECT: Construct a 168 room dormitory. (Current Mission)

REQUIREMENT: This dorm is required to replace dorms rated Tier 1 (unsatisfactory) condition for 168 unaccompanied enlisted personnel currently housed in substandard conditions. The dormitory will be a Dorms-4-Airman configuration with adjacent parking. Dorms-4-Airman is the new standard for the Air Force dormitory construction, which has the goal to provide larger private rooms with private baths, shared common areas including a kitchen, shared social space and laundry in each module. This project is in accordance with the Air Force Dormitory Master Plan.

CURRENT SITUATION: Dorms being replaced were built in 1953 and do not meet the current standard for unaccompanied personnel. Both buildings lack adequate ATFP measures, which were not applicable at the time of the design and construction. One of the dorms lacks a fire sprinkler system to protect the occupants and is of

1. COMPONENT AIR FORCE	FY 2012 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
EIELSON AIR FORCE BASE, ALASKA	DORMITORY (168 RM)

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
27576	721-312	FTQW083005	45,000

the original dorm 2+2 corridor configuration. The other dorm was renovated in 1995 to come as close as possible to the then-newer 1+1 corridor configuration within the limitations of the original building. A thorough condition and functional assessment of these dormitories noted significant deficiencies, thus renovation to the new dormitory design standards would not be viable within the 70% plant replacement value. In addition, demolition of existing dormitory buildings allows for new construction based on siting constraints and compliance with the Base General Plan.

IMPACT IF NOT PROVIDED: Due to the severe arctic climate of Eielson AFB, it is crucial that the airmen stationed here have a comfortable, high quality residence in which to live. Without this new dormitory, adequate living quarters will continue to be unavailable, resulting in degradation of morale, productivity, and career satisfaction for unaccompanied enlisted personnel. Low morale will contribute to retention difficulties for the Air Force.

ADDITIONAL: This project meets the criteria/scope specified in AFH 32-1084, 'Facility Requirements'. Facility must meet requirements set in UFC 4-010-01, and the January 2006 Unaccompanied Housing Design Guide. An analysis of reasonable options for satisfying this requirement was performed as part of the Dorm Master Plan, which indicated that only one option will meet mission needs. Therefore, a complete economic analysis was not performed. A certificate of exception has been prepared. Sustainable principles, to include Life Cycle cost-effective practices, will be integrated into the design, development, and construction of the project in accordance with Executive Order 13423, 10 USC 2802 (c), and other applicable laws and Executive Orders. FY2009 Unaccompanied Housing RPM Conducted: $6.3M; FY2010 Unaccompanied Housing RPM Conducted: $1.4M; Future Unaccompanied Housing RPM Requirements (estimated): FY2011 = $9.8MK; FY2012 = $562K; FY2013 = $565K. Base Civil Engineer: Lt Col Daniel J. Gerdes, (907) 377-5213. Dormitory: 6,384 SM = 68,712 SF.

JOINT USE CERTIFICATION: This facility can be used by other components on an "as available" basis; however, the scope of the project is based on Air Force requirements.

1. COMPONENT AIR FORCE	FY 2012 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
EIELSON AIR FORCE BASE, ALASKA	DORMITORY (168 RM)

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
27576	721-312	FTQW083005	45,000

12. SUPPLEMENTAL DATA:

a. Estimated Design Data:

(1) Project to be accomplished by design-build procedures

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

(3) All Other Design Costs 1,840

(4) Construction Contract Award 12 FEB

(5) Construction Start 12 MAR

(6) Construction Completion 14 JUN

(7) Energy Study/Life-Cycle analysis was/will be performed YES

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

EQUIPMENT NOMENCLATURE	PROCURING APPROPRIATION	FISCAL YEAR APPROPRIATED OR REQUESTED	COST ($000)
FURNISHINGS	3400	2013	1,100

1. COMPONENT AIR FORCE	**FY 2012 MILITARY CONSTRUCTION PROGRAM**	2. DATE

INSTALLATION AND LOCATION	COMMAND:	5. AREA CONST COST INDEX
JOINT BASE ELMENDORF-RICHARDSON ALASKA	PACIFIC AIR FORCES	1.82

6. Personnel Strength	PERMANENT			STUDENTS			SUPPORTED			
	OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV	TOTAL
AS OF 30 SEP 10	777	4,396	816	0	0	0	0	0	0	5,989
END FY 2015	776	4,389	836	0	0	0	0	0	0	6,001

7. INVENTORY DATA ($000)		
a. Total Acreage:	77,996	
b. Inventory Total as of : (30 Sep 10)		8,800,000
c. Authorization Not Yet in Inventory:		476,488
d. Authorization Requested in this Program:		97,000
e. Planned in Next Four Years Program:		105,250
f. Remaining Deficiency:		40,200
g. Grand Total:		9,518,938

8. PROJECTS REQUESTED IN THIS PROGRAM: (FY 2012)

CATEGORY CODE	PROJECT TITLE	SCOPE		COST $,000	DESIGN START	STATUS CMPL
721-312	Brigade Combat Team (Light) Complex (48(	480	RM	$97,000	Design-Build	
		Total		$97,000		

9a. Future Projects:	Typical Planned Next Four Years:	
121-111	Construct Fuels Operations Facility	$4,350
171-475	Quickturn & In - Flight Kitchen Facility	$8,400
171-621	Joint Regional Fire Training Facility	$6,600
217-742	Joint Communications Facility	$30,000
610-249	Joint Base Elmendorf - Richardson HQ Facility	$12,900
721-312	Dormitory (120 RM)	$32,000
832-266	Repair Arctic Utilities & Infrastructure	$11,000
	Total	$105,250

9b. Real Property Maintenance Backlog This Installation ($M)	53

10. Mission or Major Functions: Joint Base Elmendorf-Richardson is home to the 3rd Wing (3 WG), Headquarters Alaskan Command (ALCOM), Headquarters U.S. Army Alaska, Alaskan NORAD Region (ANR), and 11th Air Force (11 AF). Its mission provides air supremacy, surveillance, worldwide airlift, and agile combat support forces to project global power and global reach; executes continuous training and readiness oversight responsibilities for Army Force Generation in Alaska . It is host to an operations group with squadrons of F-15C/D, E-3B, C-17, F-22A and C-12 aircraft, maintenance, mission support and medical groups, as well as 15 tenant units including the 477th Fighter Group - Air Force Reserve. It comprises three AF total-force wings, two Army Brigades and 55 other tenant units.

11. Outstanding pollution and Safety (OSHA Deficiencies):	
a. Air pollution	0
b. Water Pollution	0
c. Occupational Safety and Health	0
d. Other Environmental	0

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1. COMPONENT	FY 2012 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AIR FORCE	(computer generated)	

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
ELMENDORF AIR FORCE BASE, ALASKA	BRIGADE COMBAT TEAM (LIGHT) COMPLEX (480 RM)

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
27576	721-312	FXSB061561	97,000

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITY				74,134
ENLISTED UNACCOMPANIED PERSONNEL HOUSING	SM	17,280	4,204	(72,652)
SDD & EP ACT 05	LS			(1,482)
SUPPORTING FACILITIES				9,609
UTILITIES	LS			(1,044)
COMMUNICTIONS	LS			(500)
PAVING, WALKS, CURBS, AND GUTTERS	LS			(1,000)
SITE IMPROVEMENTS	LS			(5,000)
DEMOLITION	SM	18,604	111	(2,065)
SUBTOTAL				83,743
CONTINGENCY (5.0%)				4,187
TOTAL CONTRACT COST				87,930
SUPERVISION, INSPECTION AND OVERHEAD (6.5%)				5,715
DESIGN/BUILD - DESIGN COST (4.0% OF SUBTOTAL)				3,350
TOTAL REQUEST				96,995
TOTAL REQUEST (ROUNDED)				97,000)
EQUIPMENT FROM OTHER APPROPRIATIONS (NON-ADD)				(1,705

10. Description of Proposed Construction: Construct a standard design Brigade Combat Team (Light) Complex, Phase 1A. A multi-story building with basement, reinforced concrete foundation and floor slabs, masonry walls, and roof. Install fire protection/detection and utilities systems to include keyless entry, information systems, fire protection and alarm systems, Intrusion Detection System (IDS) installation, and Energy Monitoring Control Systems (EMCS) connection. Supporting facilities include site development, utilities and connections, lighting, paving, parking, walks, curbs and gutters, storm drainage, information systems, landscaping and signage. Heating (gas-fired boilers) will be provided by self-contained systems. Comprehensive interior design services are required. Remediation of contaminated soil and furnishings for all facilities will be accomplished with other appropriations. This project includes the demolition of 18,604 SM. This project will comply with DoD force protection requirements per Unified Facilities Criteria.

11. Requirement: 2909 PN Adequate: 996 PN Substandard: 1963 PN

PROJECT: Construct a portion of a standard design Brigade Combat Team (Light) Complex. (New Mission)

REQUIREMENT: This project is required by the Army's directive for Fort Richardson, Alaska to support the stationing of a Brigade Combat Team as part of the Army Modular Force/Global Positioning Initiative. This project will provide barracks for 480 enlisted Soldiers to include living and sleeping quarters, baths, storage,service areas.

CURRENT SITUATION: Adequate existing facilities are not available to support this stationing action. All existing facilities suitable for use under this facility category are fully utilized. This project provides essential permanent living

1. COMPONENT AIR FORCE	FY 2012 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
ELMENDORF AIR FORCE BASE, ALASKA	BRIGADE COMBAT TEAM (LIGHT) COMPLEX (480 RM)

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
27576	721-312	FXSB061561	97,000

facilities to support the stationing of a Brigade Combat Team (Light) at Joint Base Elmendorf-Richardson, Alaska.

IMPACT IF NOT PROVIDED: If this project is not provided, the Army will not be able to accomplish the permanent stationing of this Brigade Combat Team (Light). Soldiers will continue to live in existing buildings that do not meet the current Army space criteria, and temporary and/or re-locatable buildings which have limited operational capabilities and limited useful life expectancies.

ADDITIONAL: This project meets the criteria scope specified in a standard design Brigade Combat Team (Light) Complex and AFH 32-1084, Facility Requirements. A preliminary analysis of reasonable options for satisfying this requirement indicates that only one option will meet mission needs. Therefore, a complete economic analysis was not performed. A certificate of exception has been prepared. Sustainable principles, to include Life Cycle cost-effective practices, will be integrated into the design, development, and construction of the project in accordance with Executive Order 13423, 10 USC 2802 (c), and other applicable laws and Executive Orders. During the past two years, $1,159,663 has been spent on sustainment, restoration and modernization (SRM) (formerly known as Real Property Maintenance) of unaccompanied enlisted personnel housing at Fort Richardson, AK. Upon completion of this multi-phased project and other projects approved through FY 2012, the remaining unaccompanied enlisted permanent party deficit is 909 personnel at this installation. Base Civil Engineer: Col Russ Hula, 907-552-3007. BCT Complex: 17,280 SM = 186,240 SF.

JOINT USE CERTIFICATION: This facility is programmed for joint use with Army; however, it is fully funded by the Air Force, based on funding transferred as part of the establishment of Joint Base Elmendorf-Richardson (JBER).

1. COMPONENT AIR FORCE	FY 2012 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
ELMENDORF AIR FORCE BASE, ALASKA	BRIGADE COMBAT TEAM (LIGHT) COMPLEX (480 RM)

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
27576	721-312	FXSB061561	97,000

12. SUPPLEMENTAL DATA:

a. Estimated Design Data:

(1) Project to be accomplished by design-build procedures

(2) Basis:

(a) Standard or Definitive Design - YES

(b) Where Design Was Most Recently Used - Ft Richardson

(3) All Other Design Costs 3,880

(4) Construction Contract Award 12 FEB

(5) Construction Start 12 MAR

(6) Construction Completion 14 JUN

(7) Energy Study/Life-Cycle analysis was/will be performed YES

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

EQUIPMENT NOMENCLATURE	PROCURING APPROPRIATION	FISCAL YEAR APPROPRIATED OR REQUESTED	COST ($000)
INFORMATION SYSTEMS EQUIPMENT	3400	2012	25
FURNITURE AND APPLIANCES	3400	2013	1,680

1. COMPONENT AIR FORCE	**FY 2012 MILITARY CONSTRUCTION PROGRAM**	2. DATE
3. INSTALLATION AND LOCATION DAVIS-MONTHAN AIR FORCE BASE, ARIZONA	4. COMMAND: AIR COMBAT COMMAND	5. AREA CONST COST INDEX 0.97

6. Personnel Strength	PERMANENT			STUDENTS			SUPPORTED			TOTAL
	OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV	
AS OF 30 SEP 10	1013	5686	1749	0	553	0	2	24	471	9,498
END FY 2015	1041	5856	1721	0	553	0	2	24	471	9,668

7. INVENTORY DATA ($000)

a. Total Acreage: 10,953	
b. Inventory Total as of : (30 Sep 10)	1,916,244
c. Authorization Not Yet in Inventory:	105,400
d. Authorization Requested in this Program:	33,000
e. Planned in Next Four Years Program:	40,700
f. Remaining Deficiency:	62,500
g. Grand Total:	2,157,844

8. PROJECTS REQUESTED IN THIS PROGRAM: (FY 2012)

CATEGORY CODE	PROJECT TITLE	SCOPE		COST $,000	DESIGN START	STATUS CMPL
171-212	EC-130H Simulator/Training Operations	4,699	SM	20,500	Design Build	
211-159	HC-130J Joint Use Fuel Cell	2,788	SM	12,500	Design Build	
		Total		33,000		

9a. Future Projects: Typical Planned Next Four Years:

141-821	Consolidated Packaging & Fabrication Center	9,900
218-712	AGE Facility	12,300
610-281	Consolidated Mission Support Center	8,600
730-839	South Entry Complex	9,900
	Total	40,700

9b. Real Propery Maintenance Backlog This Installation: ($M) 161

10. Mission or Major Functions: Headquarters 12th Air Force; a wing with two fighter training squadrons responsible for training all A/OA-10 aircrews; one A/OA-10 fighter squadron, two EC-130 electronic combat squadrons, Combat Search and Rescue, a tactical air control wing; an Air Force Reserve HH-60 rescue squadron; and Air Force Material Command's Aerospace Maintenance and Regeneration Center.

11. Outstanding Pollution and Safety (OSHA Deficiencies):

a. Air pollution	0
b. Water Pollution	0
c. Occupational Safety and Health	0
d. Other Environmental	0

DD Form 1390, 9 Jul 02

1. COMPONENT	FY 2012 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AIR FORCE	(computer generated)	

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
DAVIS-MONTHAN AIR FORCE BASE, ARIZONA	EC-130H SIMULATOR/TRAINING OPERATIONS

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
27253	171-212	FBNV103006P1	20,500

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITIES				14,584
EC-130H SIMULATOR & TRAINING OPS FACILITY	SM	4,699	3,043	(14,299)
SDD AND EPACT 05	LS			(285)
SUPPORTING FACILITIES				3,254
UTILITIES	LS			(471)
SITE IMPROVEMENTS	LS			(346)
PAVEMENTS	LS			(491)
DEMOLITION/ASBESTOS ABATEMENT	SM	968	451	(437)
MOTOR GENERATOR	LS			(365)
COMMUNICATIONS SUPPORT	LS			(595)
FIRE SUPPRESSION SUPPLY SYSTEM	LS			(346)
FIRE PROTECTION HYDRANTS	LS			(13)
PASSIVE FORCE PROTECTION	LS			(190)
SUBTOTAL				17,838
CONTINGENCY (5.0%)				892
TOTAL CONTRACT COST				18,730
SUPERVISION, INSPECTION AND OVERHEAD (5.7%)				1,068
DESIGN/BUILD - DESIGN COST (4.0% OF SUBTOTAL)				714
TOTAL REQUEST				20,511
TOTAL REQUEST (ROUNDED)				20,500)
EQUIPMENT FROM OTHER APPROPRIATIONS (NON-ADD)				(41,750

10. Description of Proposed Construction: Two-story open bay, reinforced concrete foundation, concrete slab, structural steel frame, standing seam metal roof and split-faced block, utilities, pavements (access road, parking, sidewalks), site improvements, landscaping, fire detection/protection, communication support, back-up generator, asbestos abatement, demolition of one facility (968 SM), passive force protection to include screening walls and traffic gate, fire suppression system with hydrants, and all other necessary support. This project will comply with DoD antiterrorism/force protection requirements per Unified Facilities Criteria.

Air Conditioning: 200 Tons

11. Requirement: 33814 SM Adequate: 29115 SM Substandard: 1856 SM

PROJECT: EC-130H Simulator and Training Operations Facility. (New Mission)

REQUIREMENT: Adequate space is required to operate EC-130H simulators for training of Compass Call personnel in support of wing mission requirements. The facility will house one (1) new EC-130H flight deck simulator, one (1) new EC-130H mission crew simulator, and one (1) existing EC-130H mission crew simulator that provide realistic training and accurately replicates the Mission Weapons System (MWS) as required to maintain Compass Call combat effectiveness. Additionally, the 42nd ECS Formal Training Unit (FTU) functions and resources will be consolidated into the facility. The facility provides space for the active simulators, academics, squadron operations, administration, classrooms, training maintenance, and storage.

1. COMPONENT AIR FORCE	FY 2012 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
DAVIS-MONTHAN AIR FORCE BASE, ARIZONA	EC-130H SIMULATOR/TRAINING OPERATIONS

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
27253	171-212	FBNV103006P1	20,500

CURRENT SITUATION: The Compass Call EC-130H fleet has been stressed to critical levels in support of combat operations and training requirements. A single Compass Call Crew Mission Simulator (CCCMS) exists, but it cannot be upgraded to match spiral aircraft upgrades while maintaining training throughput. Additionally, the EC-130 is the only Limited Supply/High Demand (LS/HD) weapon system without a flight deck simulator. Therefore, all flight deck simulator training requires expenditure of funds for temporary duty to other installations with C-130 simulator training facilities. However, all USAF C-130 simulator training facilities are converting to C-130J and C-130 Avionics Modernization Program (AMP) configurations that will no longer support Compass Call requirements. This will eliminate the only available option for flight deck simulator training. Available flying hours on existing air frames is insufficient to meet home station training requirements and Overseas Contingency Operations. Additional simulator capability and capacity is needed to provide significant airframe relief. There are currently no facilities on the installation that can accept the new EC-130H simulators. Finally, 42 ECS (FTU) operations are currently conducted from 7 geographically separate facilities, thus impacting training effectiveness. This facility will consolidate simulator training and FTU operational functions.

IMPACT IF NOT PROVIDED: Compass Call will be unable to meet current Overseas Contingency Operation commitments, nor sustain associated training requirements. This situation will not improve without additional simulators or aircraft, and associated required manpower to absorb initial qualification training shortfalls. The wing will continue to spend nearly $1M annually in TDY costs for aircrews to travel to other installations for simulator training. Lack of training capability will increase the number of students in backlog. The absence of additional simulators will continue to place stress on maintenance personnel required to maintain and sustain the already overtaxed airframes.

Impact Analysis:

TDY: A recurring $782,000 annual temporary duty cost liability will continue if the flight deck simulator facility is not constructed.

Flying Hour Offset/Reduction:

A coupled, current-block CCCMS and Level D flight deck simulator with appropriate avionics could accurately replicate and improve most existing EC-130H airborne training, to include programmed flight training (PFT), ready aircrew program (RAP), and continuation training (CT). ACC estimates additional simulator capacity will save $22M/yr by offsetting 30% of aircrew flying events at $25,000 per hour.

ADDITIONAL: This project meets the criteria/scope specified in Air Force Handbook 32-1084, "Facility Requirements" and with the EC-130H Facilities Requirements Plan. A preliminary analysis of reasonable options for accomplishing this project (status quo, renovation, new construction) was done. It indicates there is only one option that will meet operational requirements; new construction. Therefore, a certificate of exception has been prepared. Sustainable principles, to include Life Cycle cost-effective practices, will be integrated into the design, development and construction of the project in accordance with Executive Order 13423, 10 USC 2802 (c) and other applicable laws and Executive orders. Base Civil Engineer: LtCol Charles D. Perham, (520) 228-3401; (EC-130H Simulator: 4,699 SM = 50,580 SF).

JOINT USE CERTIFICATION: Mission requirements, operational considerations, and location are incompatible with use by other components.

1. COMPONENT AIR FORCE	FY 2012 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
3. INSTALLATION AND LOCATION DAVIS-MONTHAN AIR FORCE BASE, ARIZONA	4. PROJECT TITLE EC-130H SIMULATOR/TRAINING OPERATIONS	

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
27253	171-212	FBNV103006P1	20,500

12. SUPPLEMENTAL DATA:

a. Estimated Design Data:

(1) Project to be accomplished by design-build procedures

(2) Basis:

(a) Standard or Definitive Design - NO

(b) Where Design Was Most Recently Used -

(3) All Other Design Costs 820

(4) Construction Contract Award 12 FEB

(5) Construction Start 12 MAR

(6) Construction Completion 14 MAR

(7) Energy Study/Life-Cycle analysis was/will be performed YES

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

EQUIPMENT NOMENCLATURE	PROCURING APPROPRIATION	FISCAL YEAR APPROPRIATED OR REQUESTED	COST ($000)
EC-130H FLIGHT DECK SIMULATOR	3080	2011	25,000
EC-130H MISSION CREW SIMULATOR	3080	2011	15,000
EC-130H MISSION CREW SIM (REL)	3080	2011	1,000
COMMUNICATIONS	3080	2013	250
FURNISHINGS	3080	2013	500

1. COMPONENT	FY 2012 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AIR FORCE	(computer generated)	

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
DAVIS-MONTHAN AIR FORCE BASE, ARIZONA	HC-130J JOINT USE FUEL CELL

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
27224	211-159	FBNV123002	12,500

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITIES				8,261
JOINT USE FUEL CELL HANGAR	SM	2,788	2,905	(8,099)
SDD & EPACT05	LS			(162)
SUPPORTING FACILITIES				2,642
UTILITIES	LS			(543)
SITE IMPROVEMENTS	LS			(161)
PAVEMENTS	LS			(771)
COMMUNICATIONS SUPPORT	LS			(183)
5-TON BRIDGE CRANE AND ACCESSORIES	LS			(90)
HI-X FOAM FIRE SUPPRESSION SYSTEM	LS			(629)
FUME SENSING/ALARM SYSTEM	LS			(60)
FALL PROTECTION (PERMANENT)	LS			(90)
FUEL CELL EXPLOSION PROOF REQUIREMENTS	LS			(115)
SUBTOTAL				10,903
CONTINGENCY (5.0%)				545
TOTAL CONTRACT COST				11,448
SUPERVISION, INSPECTION AND OVERHEAD (5.7%)				653
DESIGN/BUILD - DESIGN COST (4.0% OF SUBTOTAL)				436
TOTAL REQUEST				12,537
TOTAL REQUEST (ROUNDED)				12,500)
EQUIPMENT FROM OTHER APPROPRIATIONS (NON-ADD)				(125

10. Description of Proposed Construction: Construct fuel cell hangar and back shops space with structural metal panels and split-face block wainscot, reinforced concrete foundation and floor slab, structural steel frame, and standing seam metal roof. Provide protected space for aircraft fuel system maintenance including fume sensing and alarm system, mechanical ventilation, High-Expansion Foam fire extinguishing system, fire detection/ protection, utilities, site improvements, landscaping, parking, concrete hangar aprons, walkways, pavements demolition, and all necessary supporting facilities for a complete and usable facility. This project will comply with DoD antiterrorism/force protection requirements per the Unified Facilities Criteria.

Air Conditioning: 30 Tons

11. Requirement: 9818 Adequate: 4642 Substandard: 0

PROJECT: HC-130J Joint Use Fuel Cell. (New Mission)

REQUIREMENT: Adequate space is required to process HC-130J and rotary aircraft for fuel system maintenance in support of the Personnel Recovery (PR) assets. The hangar will house the fuel cell mission that provides required aircraft maintenance to sustain and increase the readiness of the PR Center of Excellence community. Provide concrete/asphalt tow way from edge of existing ramp to Fuel Cell Hangar for aircraft access.

CURRENT SITUATION: There are currently no facilities on the installation large

1. COMPONENT AIR FORCE	FY 2012 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
3. INSTALLATION AND LOCATION DAVIS-MONTHAN AIR FORCE BASE, ARIZONA	4. PROJECT TITLE HC-130J JOINT USE FUEL CELL	

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
27224	211-159	FBNV123002	12,500

enough or available that can be modernized or renovated to accept the new HC-130J fuel system maintenance mission as part of the PR recapitalization effort. When the mission arrives, PR personnel will be required to carry out their objectives in undersized and inadequate facilities.

IMPACT IF NOT PROVIDED: Adequate facilities will not be available to perform essential HC-130J maintenance operations forcing inadequate and high risk workarounds. The potential for significant degradation of mission performance and capabilities will be increased until eventual total loss of mission capability is realized due to aircraft non-availability.

ADDITIONAL: This project meets the criteria/scope specified in Military Handbook 1190, Facility Planning and Design Guide and Air Force Handbook 32-1084, Facility Requirements. This project must be designed and executed in accordance with all applicable United States Air Force and Arizona State laws and guidance. Airfield Pavements shall meet the criteria/scope specified in UFC 3-260-01 and all current airfield pavements regulations. A Temporary Airfield Construction Waiver will be required. The project shall require, but is not limited to, the following regulatory permits and fees; 1) Pima County Air Quality Permit, 2) ADEQ Storm Water Pollution Prevention Plan Permit and Notice of Intent, 3) Pima County Asbestos Removal Disposal Permit, 4) Pima County Lead Base Paint Removal Disposal Permit, 5) Native Plant Preservation Plan (NPPP), and 6) Pima County Drainage (Sewer) and Water (Plumbing) Fixture Unit connection fees as applicable. An analysis of reasonable options for accomplishing this project (status quo, renovation, new construction) was done. It indicated there is only one option that will meet the operational requirements: new construction. An economic analysis was not performed, a certificate of exception has been prepared. Sustainable principles, to include Life Cycle cost-effective practices, will be incorporated into the design, development, and construction of the project in accordance with Executive Order 13423, 10 USC 2802 (c) and other applicable laws and Executive Orders. Base Civil Engineer: Lt Col Charles D. Perham, (520) 228-3401. Joint Use Fuel Cell: 2,788 SM = 30,000 SF.

JOINT USE CERTIFICATION: This facility can be used by other components on an "as available" basis; however, the scope of the project is based on Air Force requirements.

1. COMPONENT AIR FORCE	FY 2012 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
DAVIS-MONTHAN AIR FORCE BASE, ARIZONA	HC-130J JOINT USE FUEL CELL

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
27224	211-159	FBNV123002	12,500

12. SUPPLEMENTAL DATA:

a. Estimated Design Data:

(1) Project to be accomplished by design-build procedures

(2) Basis:

(a) Standard or Definitive Design - NO

(b) Where Design Was Most Recently Used -

(3) All Other Design Costs 500

(4) Construction Contract Award 12 FEB

(5) Construction Start 12 MAR

(6) Construction Completion 13 SEP

(7) Energy Study/Life-Cycle analysis was/will be performed NO

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

EQUIPMENT NOMENCLATURE	PROCURING APPROPRIATION	FISCAL YEAR APPROPRIATED OR REQUESTED	COST ($000)
FURNTURE, FIXTURES & EQUIP	3400	2013	75
COMMUNICATIONS	3080	2013	50

1. COMPONENT AIR FORCE	**FY 2012 MILITARY CONSTRUCTION PROGRAM**	2. DATE
3. INSTALLATION AND LOCATION LUKE AIR FORCE BASE ARIZONA	4. COMMAND: AIR EDUCATION AND TRAINING COMMAND	5. AREA CONST COST INDEX 0.98

6. Personnel Strength	PERMANENT			STUDENTS			SUPPORTED			
	OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV	TOTAL
AS OF 30 SEP 10	502	3966	899	119	627		934	6232	907	14,186
END FY 2015	314	3416	673	119	627		934	6232	907	13,222

7. INVENTORY DATA ($000)

a. Total Acreage: 5,653	
b. Inventory Total as of : (30 Sep 10)	1,877,776
c. Authorization Not Yet in Inventory:	64,410
d. Authorization Requested in this Program:	24,000
f. Planned in Next Four Years Program:	21,200
g. Remaining Deficiency:	86,000
h. Grand Total:	2,073,386

8. PROJECTS REQUESTED IN THIS PROGRAM: (FY 2012)

CATEGORY CODE	PROJECT TITLE	SCOPE		COST $,000	DESIGN START	STATUS CMPL
141-753	F-35 Squad Ops/AMU 2	4272	SM	18,000	Design	Build
211-154	F-35 ADAL Aircraft Maintenance Unit	1,453	SM	6,000	Design	Build
		Total		24,000		

9a. Future Projects: Typical Planned Next Four Years:

131-111	ADAL Communications Facility		14,000
141-461	Construct EOC-ICC Facility		7,200
		Total	21,200

9b. Real Property Maintenance Backlog This Installation ($M) 121

10. Mission or Major Functions: An F-16 flying training wing which conducts flight and crew chief training for the Combat Air Force, Air Control training and an Air Force Reserve fighter wing.

11. Outstanding pollution and Safety (OSHA) Deficiencies:

a. Air pollution	0
b. Water Pollution	0
c. Occupational Safety and Health	0
d. Other Environmental	0

DD Form 1390, 24 Jul 00

1. COMPONENT	FY 2012 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AIR FORCE	(computer generated)	

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
LUKE AIR FORCE BASE, ARIZONA	F-35 ADAL AIRCRAFT MAINTENANCE UNIT

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
27597	211-154	AETC120010	6,000

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITIES				3,442
AMU ADDITION	SM	561	2,958	(1,660)
RENOVATE EXISTING BUILDING	SM	892	1,922	(1,714)
SDD & EPACT05	LS			(67)
SUPPORTING FACILITIES				1,755
UTILITIES	LS			(258)
PAVEMENTS	LS			(581)
ENVIRONMENTAL REMEDIATION	LS			(500)
COMMUNICATION	LS			(151)
SITE IMPROVEMENTS	LS			(195)
DEMOLITION, VERTICAL	SM	111	631	(70)
SUBTOTAL				5,197
CONTINGENCY (5.0%)				260
TOTAL CONTRACT COST				5,456
SUPERVISION, INSPECTION AND OVERHEAD (5.7%)				311
DESIGN/BUILD - DESIGN COST (4.0% OF SUBTOTAL)				208
TOTAL REQUEST				5,975
TOTAL REQUEST (ROUNDED)				6,000

10. Description of Proposed Construction: Renovate building and construct a 561 SM addition. Repair existing parking lot. Work will include a sprinkler-equipped addition containing a steel-framed structure with concrete slab and foundation systems. This alteration and addition will increase the existing footprint, to provide critical space for various maintenance functions. Project will demolish 111 SM. Project will comply with DoD Antiterrorism/Force Protection measures per the Unified Facilities Criteria.

Air Conditioning: 38 Tons

11. Requirement: 1453 SM Adequate: 0 SM Substandard: 892 SM

PROJECT: ADAL Aircraft Maintenance Unit (New Mission)

REQUIREMENT: A larger AMU facility is required to beddown the Joint Strike Fighter (JSF) F-35 aircraft. The F-35 AMU is required to be operational no later than Oct 12 in preparation for aircraft arrival in Apr 13. The new facility will contain a 75 SM vault for classified parts storage, a 10 SM COMSEC vault, unclassified maintenance debrief room, larger conference room, more administrative space, and a larger tool crib.

CURRENT SITUATION: The current AMU facility does not contain adequate space to house a F-35 AMU and all associated functions. The existing tool crib is undersized within the current facility. This facility currently has no classified parts storage or an adequately sized secure communications vault.

IMPACT IF NOT PROVIDED: Without this project in FY12, the required maintenance functions and personnel will not be operationally ready to receive the F-35 aircraft in Apr 13.

ADDITIONAL: The scope for this project was based on AETC/A4 input, Eglin AFB 95%

1. COMPONENT AIR FORCE	FY 2012 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
LUKE AIR FORCE BASE, ARIZONA	F-35 ADAL AIRCRAFT MAINTENANCE UNIT

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
27597	211-154	AETC120010	6,000

design analysis and drawings for the JSF Squad Operations/AMU/Hangar facility, and Air Force Handbook 32-1084, "Facility Requirements". An economic analysis of reasonable options is being prepared comparing alternatives of status quo, renovation, addition/alteration and new construction. A preliminary analysis indicates that addition/alteration is the most feasible alternative. Sustainable principles, to include Life Cycle cost-effective practices, will be integrated into the design, development and construction of the project in accordance with Executive Order 13423, 10 USC 2802 (c), and other applicable laws and Executive Orders. Base Civil Engineer: LtCol John D. Thomas, (623) 856-6135. Shop, Aircraft Maintenance, Organizational: 1,453 SM = 15,634 SF (Renovation: 892 SM = 9,598 SF; Addition: 561 SM = 6,036 SF).

JOINT USE CERTIFICATION: This facility can be used by other components on an "as available" basis; however, the scope of the project is based on Air Force requirements.

1. COMPONENT AIR FORCE	FY 2012 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
3. INSTALLATION AND LOCATION LUKE AIR FORCE BASE, ARIZONA	4. PROJECT TITLE F-35 ADAL AIRCRAFT MAINTENANCE UNIT	

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
27597	211-154	AETC120010	6,000

12. SUPPLEMENTAL DATA:

a. Estimated Design Data:

(1) Project to be accomplished by design-build procedures

(2) Basis:

(a) Standard or Definitive Design - NO

(b) Where Design Was Most Recently Used -

(3) All Other Design Costs 240

(4) Construction Contract Award 12 FEB

(5) Construction Start 12 MAR

(6) Construction Completion 13 SEP

(7) Energy Study/Life-Cycle analysis was/will be performed YES

b. Equipment associated with this project provided from other appropriations:
N/A

1. COMPONENT	FY 2012 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AIR FORCE	(computer generated)	

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
LUKE AIR FORCE BASE, ARIZONA	F-35 SQUADRON OPERATIONS/AIRCRAFT MAINTENANCE UNIT 2

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
27597	141-753	AETC120011	18,000

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITIES				10,841
SQUADRON OPERATIONS/AMU FACILITY	SM	3,963	2,658	(10,534)
COVERED OUTDOOR SPACE	SM	319	296	(94)
SDD & EPACT05	LS			(213)
SUPPORTING FACILITIES				4,683
UTILITIES	LS			(750)
PAVEMENTS	LS			(1,761)
SITE IMPROVEMENTS	LS			(490)
COMMUNICATION REQUIREMENTS	LS			(572)
DEMOLITION, HORIZONTAL	LS			(510)
ENVIRONMENTAL REMEDIATION	LS			(600)
SUBTOTAL				15,524
CONTINGENCY (5.0%)				776
TOTAL CONTRACT COST				16,301
SUPERVISION, INSPECTION AND OVERHEAD (5.7%)				929
DESIGN/BUILD - DESIGN COST (4.0% OF SUBTOTAL)				621
TOTAL REQUEST				17,851
TOTAL REQUEST (ROUNDED)				18,000)
EQUIPMENT FROM OTHER APPROPRIATIONS (NON-ADD)				(1,315

10. Description of Proposed Construction: Construct a combined Squadron Operations and AMU facility. Work will include the construction of a sprinkler-equipped facility containing a steel-framed structure, concrete slab and foundation system, masonry block exterior walls, and standing seam metal roof. The facility will include squadron operations areas and aircraft maintenance areas. 3,000 SM of Aircraft Ground Equipment (AGE) yard will be demolished. Project will comply with DoD Antiterrorism/Force Protection measures per the Unified Facilities Criteria.

Air Conditioning: 160 Tons

11. Requirement: 26804 SM Adequate: 16533 SM Substandard: 1793 SM

PROJECT: Construct F-35 Squadron Operations/Aircraft Maintenance Unit (New Mission)

REQUIREMENT: A consolidated squadron operations and maintenance facility is required to support the beddown of the Joint Strike Fighter (JSF) F-35 aircraft. The operations portion of the facility is required to support the operations squadron. It will contains the space for flight planning, secure air crew briefing and debriefing areas, training, and administration of the squadron. Space must be provided for the storage, care, and issue of flight crew life support system equipment and personal space is required for changing into and out of flight clothing. Flightline maintenance is semi-autonomous and responsible for the launch, service, on-equipment repair, inspection, and recovery of primary mission aircraft. This facility will provide adequate area for maintenance, a tool crib with mezzanine, equipment issue area, classified vault storage area, equipment, and administrative spaces required to support the aircraft and the mission of the

1. COMPONENT AIR FORCE	FY 2012 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
LUKE AIR FORCE BASE, ARIZONA	F-35 SQUADRON OPERATIONS/AIRCRAFT MAINTENANCE UNIT 2

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
27597	141-753	AETC120011	18,000

particular squadron. The facility is required to be operational no later than Jul 2014 in preparation for the second F-35 squadron arrival in Jan 2015. By combining Squadron Operations and AMU into one facility, greater efficiency will occur between operations and maintenance personnel.

CURRENT SITUATION: The current AMU and squadron operations facilities are inadequate and outdated to conduct maintenance and operations for the F-35 mission. The operational squadrons are required to work, train, deploy, and fight as independent squadrons. The current squadron operation and maintenance facilities are under-sized and do not contain enough secure space for pilot briefings and for classified parts storage.

IMPACT IF NOT PROVIDED: Without this project being executed in FY12, the required maintenance functions and personnel will not be operationally ready to receive the second F-35 squadron in Jan 2015. The operational squadrons are required to work, train, deploy, and fight as independent squadrons. Work-arounds would not allow operational squadrons to be trained together and would significantly impact the mission required to support the F-35 program.

ADDITIONAL: The scope and dimensions for this project were based on Eglin AFB 95% design analysis, drawings for the JSF Squad Operations/AMU/Hangar facility, and from Air Force Handbook 32-1084 "Facility Requirements". An economic analysis of reasonable options is being prepared comparing alternatives of status quo, renovation, addition/alteration, and new construction. Preliminary analysis indicates that new construction is the most feasible alternative. Sustainable principles, to include Life Cycle cost-effective practices, will be integrated into the design, development, and construction of the project in accordance with Executive Order 13423, 10 USC 2802 (c), and other applicable laws and Executive Orders. Base Civil Engineer: LtCol John D. Thomas, (623) 856-6135. Squadron Operations/AMU: 3963 SM = 42,657 SF; Covered Outdoor Storage: 319 SM = 3,434 SF.

JOINT USE CERTIFICATION: This facility can be used by other components on an "as available" basis; however, the scope of the project is based on Air Force requirements.

1. COMPONENT AIR FORCE	FY 2012 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
LUKE AIR FORCE BASE, ARIZONA	F-35 SQUADRON OPERATIONS/AIRCRAFT MAINTENANCE UNIT 2

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
27597	141-753	AETC120011	18,000

12. SUPPLEMENTAL DATA:

a. Estimated Design Data:

(1) Project to be accomplished by design-build procedures

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

(3) All Other Design Costs 720

(4) Construction Contract Award 12 FEB

(5) Construction Start 12 MAR

(6) Construction Completion 13 SEP

(7) Energy Study/Life-Cycle analysis was/will be performed YES

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

EQUIPMENT NOMENCLATURE	PROCURING APPROPRIATION	FISCAL YEAR APPROPRIATED OR REQUESTED	COST ($000)
FURNITURE, FIXTURES & EQUIP	3400	2013	1,315

1. COMPONENT AIR FORCE	**FY 2012 MILITARY CONSTRUCTION PROGRAM**	2. DATE

3. INSTALLATION AND LOCATION	4. COMMAND:	5. AREA CONST
TRAVIS AIR FORCE BASE CALIFORNIA	AIR MOBILITY COMMAND	COST INDEX 1.31

6. Personnel	PERMANENT			STUDENTS			SUPPORTED			
Strength	OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV	TOTAL
AS OF 30 SEP 10	1300	5866	2247	0	0	0	661	2629	1564	14,267
END FY 2015	1300	5866	2247	0	0	0	661	2629	1564	14,267

7. INVENTORY DATA ($000)

Total Acreage: 6,383

Inventory Total as of : (30 Sep 10)	3,060,808
Authorization Not Yet in Inventory:	58,693
Authorization Requested in this Program:	22,000
Planned in Next Four Years Program:	30,400
Remaining Deficiency:	201,500
Grand Total:	3,373,401

8. PROJECTS REQUESTED IN THIS PROGRAM: (FY2012)

CATEGORY CODE	PROJECT TITLE	SCOPE		COST $,000	DESIGN START	STATUS CMPL
721-312	Dormitory (144 RM)	144	RM	22,000	Design Build	
		Total		22,000		

9a. Future Projects: Typical Planned Next Four Years:

219-944	Construct BCE Maintenance Shops & Supply Warehouse	12,900
740-884	Child Development Center	17,500
	Total	30,400

9b. Real Property Maintenance Backlog This Installation ($M) 209

10. Mission or Major Functions: HQ 15th Air Force; an air mobility wing with two C-5 squadrons and two KC-10 air refueling squadrons; an AFRC Associate air mobility wing; and David Grant Medical Center.

11. Outstanding pollution and Safety (OSHA) Deficiencies:

a. Air pollution	0
b. Water Pollution	0
c. Occupational Safety and Health	0
d. Other Environmental	0

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1. COMPONENT	FY 2012 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AIR FORCE	(computer generated)	

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
TRAVIS AIR FORCE BASE, CALIFORNIA	DORMITORY (144 RM)

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
41976	721-312	XDAT083003	22,000

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITIES				15,772
DORMITORY	SM	4,752	3,248	(15,434)
SDD & EPACT 05	LS			(338)
SUPPORTING FACILITIES				3,585
UTILITIES	LS			(760)
SITE IMPROVEMENTS	LS			(350)
COMMUNICATIONS	LS			(425)
PAVEMENTS	LS			(560)
DEMOLITION	SM	5,520	270	(1,490)
SUBTOTAL				19,358
CONTINGENCY (5.0%)				968
TOTAL CONTRACT COST				20,326
SUPERVISION, INSPECTION AND OVERHEAD (5.7%)				1,159
DESIGN/BUILD - DESIGN COST (4.0% OF SUBTOTAL)				774
TOTAL REQUEST				22,259
TOTAL REQUEST (ROUNDED)				22,000)
EQUIPMENT FROM OTHER APPROPRIATIONS (NON-ADD)				(1,150

10. Description of Proposed Construction: Construction of a three-story sprinkler equipped facility with reinforced concrete foundation, floor slabs, concrete masonry unit exterior walls covered with stucco, and standing seam metal roof system. Includes Dorms-4-Airmen modules, laundries, storage, lounge area, communications support, utilities, roads, parking, site improvements, and other required support. Demolishes two facilities (5,520 SM). Complies with DoD antiterrorism/force protection requirements per unified facilities criteria.

Air Conditioning: 180 Tons Grade Mix: E1-E4 144

11. Requirement: 997 RM Adequate: 432 RM Substandard: 991 RM

PROJECT: Dormitory (144 RM). (Current Mission)

REQUIREMENT: This project is required to replace Tier 1 dorms. The 2008 Air Force Dorm Master Plan (DMP) defines Tier 1 as inadequate and unservicable. This project will construct a replacement dorm that will provide unaccompanied enlisted personnel with housing conducive to proper rest, relaxation, and personal well-being. Construction will meet force protection criteria, including progressive collapse, blast protection, and standoff distances. This project is in accordance with the 2008 Air Force Dorm Master Plan approved for Travis AFB. The construction of a 144 person dorm will allow the demolition of two unserviceable dormitories.

CURRENT SITUATION: The 2008 DMP established the need for four replacement dormitories at Travis AFB. The dormitories being replaced were constructed in the mid 1950s and renovated in the late 1990s. They are in poor condition and do not meet room size and configuration based on current Air Force grade allowances. Interior partitions are damaged, interior finishes are worn, plumbing fixtures are beyond their useful life, the electrical power distribution system is inadequate and unable to meet current load demands, and the fire alarm system requires replacement. These buildings do not meet force protection requirements including

1. COMPONENT AIR FORCE	FY 2012 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
3. INSTALLATION AND LOCATION TRAVIS AIR FORCE BASE, CALIFORNIA	4. PROJECT TITLE DORMITORY (144 RM)	

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
41976	721-312	XDAT083003	22,000

progressive collapse, blast protection, and standoff distances. Renovation costs to meet these standards are so high that the 2008 DMP recommends new construction as the most cost effective and feasible solution.

IMPACT IF NOT PROVIDED: Adequate living quarters which provide a level of privacy required for today's airmen will not be available, resulting in degradation of morale, productivity, and career satisfaction for unaccompanied enlisted personnel. The retention of these highly trained personnel is essential to the readiness posture and continuing world-wide responsibilities of the Air Force. Travis will continue to have substandard living conditions for our airmen living in the dormitories.

ADDITIONAL: This project meets the criteria/scope specified Air Force Handbook 32-1084, "Facility Requirements", and in the Air Force Dormitory Design Guide. An economic analysis has been prepared which compares the resonable alternatives of new construction/ replacement, addition/repair, and status quo. Based on net present values and benefits of the respective alternatives, new construction was determined to be the most cost-effective option. Sustainable principles will be integrated into the design, development, and construction of the project in accordance with Executive Order 13423, 10 USC 2802 (c), and other applicable laws and Executive orders. FY2009 Unaccompanied Housing RPM Conducted: $1.8M. FY2010 Unaccompanied Housing RPM Conducted: $4.3M. Future Unaccompanied Housing RPM Requirements (estimated): $7.4M. Base Civil Engineer: Lt Col D. Wade Lawrence, (707) 424-2429. Dormitory (144 RM): 4,752 SM = 51,150 SF.

JOINT USE CERTIFICATION: This facility can be used by other components on an "as available" basis; however, the scope of the project is based on Air Force requirements.

1. COMPONENT AIR FORCE	FY 2012 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
TRAVIS AIR FORCE BASE, CALIFORNIA	DORMITORY (144 RM)

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
41976	721-312	XDAT083003	22,000

12. SUPPLEMENTAL DATA:

a. Estimated Design Data:

(1) Project to be accomplished by design-build procedures

(2) Basis:

(a) Standard or Definitive Design - NO

(b) Where Design Was Most Recently Used -

(3) All Other Design Costs 880

(4) Construction Contract Award 12 FEB

(5) Construction Start 12 MAR

(6) Construction Completion 13 SEP

(7) Energy Study/Life-Cycle analysis was/will be performed YES

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

EQUIPMENT NOMENCLATURE	PROCURING APPROPRIATION	FISCAL YEAR APPROPRIATED OR REQUESTED	COST ($000)
COMMUNICATIONS EQUIPMENT	3080	2013	150
FURNISHINGS	3400	2013	1,000

1. COMPONENT AIR FORCE	**FY 2012 MILITARY CONSTRUCTION PROGRAM**	2. DATE
INSTALLATION AND LOCATION VANDENBERG AIR FORCE BASE CALIFORNIA	COMMAND: AIR FORCE SPACE COMMAND	5. AREA CONST COST INDEX 1.21

6. Personnel Strength	PERMANENT			STUDENTS			SUPPORTED			
	OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV	TOTAL
AS OF 30 Sep 10	212	1155	924	200	75	0	653	1864	1413	6,496
END FY 2015	195	1155	920	200	75	0	625	1851	1420	6,441

7. INVENTORY DATA ($000)

a. Total Acreage:	118,312	
b. Inventory Total as of : (30 Sep 10)		1,549,564
c. Authorization Not Yet in Inventory:		13,000
d. Authorization Requested in this Program:		14,200
e. Planned in Next Four Years Program:		28,550
f. Remaining Deficiency:		401,000
g. Grand Total:		2,006,314

8. PROJECTS REQUESTED IN THIS PROGRAM: (FY 2012)

CATEGORY CODE	PROJECT TITLE	SCOPE		COST $,000	DESIGN START	STATUS CMPL
730-441	Education Center	3,566	SM	14,200	Dec 10	Sep 11
		Total		14,200		

9a. Future Projects: Typical Planned In Next Four Years:

740-674	Fitness Center Addition	3,598	SM	12,100
811-147	Emergency Power Plant	10	MW	5,900
171-475	Small Arms Range	28	FP	8,800
842-245	Water Main - Reservoir to Utah Gate	1,350	LM	1,750
		Total		28,550

9b. Real Property Maintenance Backlog This Installation ($M) 75.2

10. Mission or Major Functions: Vandenberg's mission is to defend the United States through exceptional Launch, Range, Expeditionary, and Installation Operations. Vandenberg Air Force Base is headquarters for the 30th Space Wing (30 SW) and 14th Air Force (14 AF). The 30 SW manages Department of Defense space and missile testing, and placing satellites into polar orbit from the West Coast, using expendable boosters. 14 AF mission is to control and exploit space for global and theater operations.

11. Outstanding pollution and Safety (OSHA) Deficiencies:

a. Air pollution	0
b. Water Pollution	0
c. Occupational Safety and Health	0
d. Other Environmental	0

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1. COMPONENT	FY 2012 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AIR FORCE	(computer generated)	

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
VANDENBERG AIR FORCE BASE, CALIFORNIA	EDUCATION CENTER

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
31476	730-441	XUMU033002	14,200

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
CONSTRUCT EDUCATION CENTER				10,841
BASE EDUCATION CENTER	SM	3,566	3,010	(10,734)
SDD & EPACT05	LS			(108)
SUPPORTING FACILITIES				1,503
UTILITIES	LS			(350)
PAVEMENTS	LS			(250)
SITE IMPROVEMENTS	LS			(200)
DEMOLITION/DUMP FEE	SM	3,643	193	(703)
SUBTOTAL				12,344
CONTINGENCY (5.0%)				617
TOTAL CONTRACT COST				12,961
SUPERVISION, INSPECTION AND OVERHEAD (5.7%)				739
DESIGN/BUILD - DESIGN COST (4.0% OF SUBTOTAL)				494
TOTAL REQUEST				14,194
TOTAL REQUEST (ROUNDED)				14,200)
EQUIPMENT FROM OTHER APPROPRIATIONS (NON-ADD)				(150

10. Description of Proposed Construction: Reinforced concrete foundation, split-face concrete masonry walls, steel structural frame and mission tile roof. The new facility will include administrative space, classrooms, learning resource center, computer/engineering laboratories, testing room, auditorium, support areas, handicap access and all necessary work for a complete and usable facility. Includes demolition of one facility (3,643 SM). This project will comply with DoD antiterrorism/force protection requirements per Unified Facilities Criteria.

Air Conditioning: 180 Tons

11. Requirement: 3566 SM Adequate: 0 SM Substandard: 3643 SM

PROJECT: Construct a base education center. (Current Mission)

REQUIREMENT: Vandenberg Air Force Base requires a consolidated learning center, for the academic and professional development of officers, airmen, and DOD civilian employees in support of Air Force and DOD goals. The complex will include prewired administrative space for the center, office space for five college reps, lecture classrooms, an auditorium equipped with computer LAN connectivity, distance learning classrooms with tele-video satellite feeds, computer-science and engineering laboratories, testing rooms, student break room, video conferencing classroom, storage, learning resource center, and Americans with Disabilities Act (ADA) compliance.

CURRENT SITUATION: The existing education facilities are housed in a campus built in 1959 and comprises of 10 separate buildings at Vandenberg Air Force Base. The current Westwing Education Center is a leased complex that was built fifty years ago as an elementary school for the Lompoc Unified School District (LUSD). These substandard facilities do not provide an encouraging learning environment or room for expansion. The center and five colleges/universities provide extension courses to the base population and offer required Air Force developmental classes. These facilities serve more than 1,360 personnel daily. The Education Center provides

1. COMPONENT AIR FORCE	FY 2012 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
VANDENBERG AIR FORCE BASE, CALIFORNIA	EDUCATION CENTER

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
31476	730-441	XUMU033002	14,200

Air Force training via Distance Learning classes to an average of 600 students annually. The LUSD facilities are beyond their reasonable life cycle. Rusted metal window frames create a security risk for the high valued equipment, such as computers and projection equipment. Classroom lighting is insufficient, access to computer LAN connectivity is limited, and the interior room configuration cannot be used efficiently for the services being provided. Electrical power is inadequate throughout the complex. The mechanical systems are old, deteriorating, and costly to maintain, while providing inefficient heating and air conditioning. The facilities do not conform to energy conservation standards and current electrical codes based on Air Force Occupational Safety and Health. Additionally, the facilities do not meet Americans with Disability Act requirements and the mandated antiterrorism force protection minimum standard requirements. A Business Case Analysis determined it would take an investment over $7.7M to bring the center up to current building codes but concluded that new construction had the lower cost-benefit ratio and was the only way to provide an adequate Education Center facility.

IMPACT IF NOT PROVIDED: In addition to the Education Center being an important force development facility, education opportunities and capabilities are key force retention factors. Without a new facility, base personnel will continue to attend classes in substandard, inefficient and deteriorating facilities, which will have a continued negative impact in quality of life, reducing student productivity and capability to support the base mission. Energy and maintenance costs of deteriorating structures will continue to deplete Air Force resources. The current education center will revert back to Vandenberg AFB ownership at the end of the lease, requiring a significant economic effort to bring the center up to current building codes. If this project is not approved, the AF will continue to pour resources into buildings constructed in 1959 that have had no major upgrades since their construction.

ADDITIONAL: This project meets the scope/criteria specified in Air Force Handbook 32-1084 "Facility Requirements". A Business Case Analysis of reasonable alternatives (status quo, renovation, lease off-base, and new construction) was accomplished and concluded that new construction had the best cost-benefit ratio to meet operational requirements. A full economic analysis is in progress. Sustainable principles, to include life cycle cost-effective practices, will be integrated into the design, development, and construction of the project IAW Executive Order 13423, 10 USC 2802 (c), and other applicable laws and Executive Orders. Base Civil Engineer: Lt Col Timothy C. Dodge, (805) 606-6855. Base Education Center: 3,566 SM = 38,386 SF.

JOINT USE CERTIFICATION: This project can be used by other components on an "as available" basis; however, the scope of the project is based on Air Force requirements.

1. COMPONENT AIR FORCE	FY 2012 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
VANDENBERG AIR FORCE BASE, CALIFORNIA	EDUCATION CENTER

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
31476	730-441	XUMU033002	14,200

12. SUPPLEMENTAL DATA:

a. Estimated Design Data:

(1) Project to be accomplished by design-build procedures	
(2) Basis:	
(a) Standard or Definitive Design -	NO
(b) Where Design Was Most Recently Used -	
(3) All Other Design Costs	568
(4) Construction Contract Award	12 FEB
(5) Construction Start	12 MAR
(6) Construction Completion	13 DEC
(7) Energy Study/Life-Cycle analysis was/will be performed	YES

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

EQUIPMENT NOMENCLATURE	PROCURING APPROPRIATION	FISCAL YEAR APPROPRIATED OR REQUESTED	COST ($000)
PREWIRED WORKSTATION	3400	2013	150

1. COMPONENT AIR FORCE	**FY 2012 MILITARY CONSTRUCTION PROGRAM**	2. DATE

INSTALLATION AND LOCATION	COMMAND:	5. AREA CONST
USAF ACADEMY	UNITED STATES AIR FORCE	COST INDEX
COLORADO	ACADEMY	1.11

6. Personnel	PERMANENT			STUDENTS			SUPPORTED			
Strength	OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV	TOTAL
AS OF 30 SEP 10	929	1011	2483	0	182	0	21	4000	190	8,816
END FY 2015	902	872	2223	0	182	0	21	4000	190	8,390

7. INVENTORY DATA ($000)

Total Acreage:	53,276	
Inventory Total as of : (30 Sep 10)		429,549
Authorization Not Yet in Inventory:		45,100
Authorization Requested in this Program:		13,400
Planned in Next Four Years Program:		73,200
Remaining Deficiency:		36,000
Grand Total:		597,249

8. PROJECTS REQUESTED IN THIS PROGRAM: (FY 2012)

CATEGORY CODE	PROJECT TITLE	SCOPE		COST $,000	DESIGN START	STATUS CMPL
730-838	Construct Large Vehicle Inspection Facility	1,074	SM	13,400	May-09	Sep-09
		Total		13,400		

9a. Future Projects: Typical Planned Next Four Years:

730-835	Emergency Operations Center		14,000
171-853	Aero Lab Wind Tunnel Addition		20,600
724-433	Consolidated Prep Leadership School Cadet Dorm		32600
730-839	Construct Canopy for Entrance Gates		6,000
		Total	73,200

9b. Real Propery Maintenance Backlog This Installation: ($M) 187

10. Mission or Major Functions: Responsible for providing education and training for cadets to become Air Force officers; a training wing including three flying training squadrons supporting parachuting and glider aircraft; and an air base wing

11. Outstanding pollution and Safety (OSHA Deficiencies:

a. Air pollution	0
b. Water Pollution	0
c. Occupational Safety and Health	0
d. Other Environmental	0

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1. COMPONENT	FY 2012 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AIR FORCE	(computer generated)	

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
USAF ACADEMY, COLORADO	CONSTRUCT LARGE VEHICLE INSPECTION FACILITY

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
86076	730-838	XQPZ044003	13,400

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITIES				3,325
LARGE VEHICLE SEARCH FACILITIES	SM	900	3,552	(3,197)
INTERIOR COMMUNICATIONS	SM	900	71	(64)
SDD & EP ACT 2005	LS			(64)
SUPPORTING FACILITIES				8,329
SKEET RANGE CLEANUP	LS			(3,000)
PASSIVE FORCE PROTECTION MEASURES	LS			(295)
UTILITIES	LS			(627)
SITE IMPROVEMENTS	LS			(1,223)
PAVEMENTS	LS			(3,005)
COMMUNICATIONS	LS			(179)
SUBTOTAL				11,654
CONTINGENCY (5.0%)				583
TOTAL CONTRACT COST				12,237
SUPERVISION, INSPECTION AND OVERHEAD (5.7%)				698
DESIGN/BUILD - DESIGN COST (4.0% OF SUBTOTAL)				466
TOTAL REQUEST				13,401
TOTAL REQUEST (ROUNDED)				13,400)
EQUIPMENT FROM OTHER APPROPRIATIONS (NON-ADD)				(750

10. Description of Proposed Construction: Construct a concrete, steel, and concrete masonry unit (CMU) large vehicle inspection station (LVIS) that will include with inspection pits, circulation roads, vehicle parking areas, inspection station and support building, overwatch tower, modification to the existing public road for safe access into the facility, site improvements, storm drainage, and fire suppression. Clean up the skeet range, which will need to be closed. All construction will be accomplished on a 7-foot grid pattern to match the US Air Force Academy international architecture style. Comply with DoD anti-terrorism/force protection requirements per unified facilities criteria.

11. Requirement: 900 SM Adequate: 0 SM Substandard: 0 SM

PROJECT: Construct Large Vehicle Inspection Facility. (Current Mission)

REQUIREMENT: An adequately sized and configured large vehicle inspection station is required for security inspections of all large vehicles in accordance with antiterrorism/force protection measures and standards. The scope of work will comprise an entry control facility with circulation roads, vehicle parking areas, an LVIS with support building and over watch. Modifications to the existing public road for safe entry into the facility will also be addressed. The LVIS will include inspection pits for two large vehicles (tractor trailers up to 45 tons) and administrative space supporting the inspection operations attached to the LVIS. In addition, the new LVIS must accommodate the new Vehicle Explosion Detection Systems (VEDS) and Under Vehicle Surveillance System (UVSS). The project will include provisions for a fire suppression system and storm water drainage.

CURRENT SITUATION: There are two main gates at the United States Air Force

1. COMPONENT AIR FORCE	FY 2012 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
USAF ACADEMY, COLORADO	CONSTRUCT LARGE VEHICLE INSPECTION FACILITY

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
86076	730-838	XQPZ044003	13,400

Academy. The North Gate is primarily used by commuters. The South Gate is primarily used for contractor vehicles, delivery vehicles, and the majority of inbound personally owned vehicular (POV) traffic. All visitors and contractors must use the South Gate where they park at the Pass and Identification facility, meet escorts and obtain passes. Vehicle checks are performed in the far north lane at the South Gate. School buses must also pass through the inspection area. A recent traffic Count recorded 73 vans, 39 small trucks and 18 large vehicles entering the South Gate in a 60-minute peak period. Processing more than four large vehicles at a time causes gridlock and traffic queues extend into the main access road. These queues create delays and, more importantly, leave military and civilian commuters in a vulnerable position on the access road. In addition, security forces personnel are exposed to the elements. Additionally, vehicle search and holding areas standoff distance from on-base facilities is inadequate. Due to these conditions and the high volume of large vehicle traffic, the Security Forces are not able to adequately implement a Large Vehicle Search Program for explosive devices.

IMPACT IF NOT PROVIDED: Failure to construct this facility will hinder the installation's ability to detect and deter the terrorist threat, reduce the effectiveness of existing resources and possibly allow a terrorist device access to the installation. Required security inspection and surge capabilities IAW AT/FP standards do not currently exist and will not in the future. These circumstances will severely hamper the Security Forces ability to protect the United States Air Force Academy, with its primary military and human resources, against sabotage and terrorist attacks. Without the Large Vehicle Inspection Station, security forces personnel and other personnel will not be protected from inclement weather; this large vehicle inspection process will continue in an ineffective/inefficient manner with potentially disastrous results.

ADDITIONAL: This project meets the criteria and scope specified in Air Force Handbook (AFH) 32-1084, "Facility Requirements." A preliminary analysis of reasonable options was accomplished and indicates only one option meets operational requirements. Therefore a full economic analysis was not accomplished and a certificate of exception has been completed. Sustainable principles, to include life cycle cost-effective practices, will be integrated into the design, development, and construction of the project in accordance with Executive Order 13423, 10 USC 2802 (c) and other applicable laws and Executive laws and orders. Base Civil Engineer: Lt Col Mark Russo, (719) 333-2660. Construct Vehicle Search Facility: 900 SM = 9,684 SF.

JOINT USE CERTIFICATION: This is an installation utility/infrastructure project and does not qualify for joint use at this location. However, all tenants on this installation are benefited by this project.

1. COMPONENT AIR FORCE	FY 2012 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
USAF ACADEMY, COLORADO	CONSTRUCT LARGE VEHICLE INSPECTION FACILITY

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
86076	730-838	XQPZ044003	13,400

12. SUPPLEMENTAL DATA:

a. Estimated Design Data:

(1) Project to be accomplished by design-build procedures

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

(3) All Other Design Costs 536

(4) Construction Contract Award 12 FEB

(5) Construction Start 12 APR

(6) Construction Completion 13 OCT

(7) Energy Study/Life-Cycle analysis was/will be performed YES

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

EQUIPMENT NOMENCLATURE	PROCURING APPROPRIATION	FISCAL YEAR APPROPRIATED OR REQUESTED	COST ($000)
EQUIP FROM OTHER APPROPRIATION	3400	2012	750

1. COMPONENT AIR FORCE	**FY 2012 MILITARY CONSTRUCTION PROGRAM**	2. DATE
3. INSTALLATION AND LOCATION DOVER AIR FORCE BASE DELAWARE	4. COMMAND: AIR MOBILITY COMMAND	5. AREA CONST COST INDEX 1.08

6. Personnel	PERMANENT			STUDENTS			SUPPORTED			
Strength	OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV	TOTAL
AS OF 30 SEP 10	507	4235	709	0	0	0	0	0	0	5,451
END FY 2015	504	4137	706	0	0	0	0	0	0	5,347

7. INVENTORY DATA ($000)

a. Total Acreage:	3,400	
b. Inventory Total as of : (30 Sep 10)		1,353,020
c. Authorization Not Yet in Inventory:		119,685
d. Authorization Requested in this Program:		2,800
e. Planned in Next Four Years Program:		46,000
f. Remaining Deficiency:		72,000
g. Grand Total:		1,593,505

8. PROJECTS REQUESTED IN THIS PROGRAM: (FY2012)

CATEGORY CODE	PROJECT TITLE	SCOPE		COST $,000	DESIGN START	STATUS CMPL
171-618	C-5 Formal Training Unit Facility	560	SM	2,800	Design Build	

9a. Future Projects: Typical Planned Next Four Years:

211-179	Aircraft Maintenance Hangar		32,000
730-835	Security Forces Complex		14,000
		Total	46,000

9b. Real Property Maintenance Backlog This Installation ($M): 110

10. Mission or Major Functions: An airlift wing with one C-5 squadron, one C-17 squadron; and an AFRC Associate C-5 airlift wing.

11. Outstanding pollution and Safety (OSHA) Deficiencies:

a. Air pollution	0
b. Water Pollution	0
c. Occupational Safety and Health	0
d. Other Environmental	0

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1. COMPONENT	FY 2012 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AIR FORCE	(computer generated)	

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
DOVER AIR FORCE BASE, DELAWARE	C-5M FORMAL TRAINING UNIT FACILITY

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
41119	171-618	FJXT123000	2,800

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITIES				1,902
FTU FACILITY	SM	560	3,330	(1,865)
SDD & EPACT 05	LS			(37)
SUPPORTING FACILITIES				543
UTILITIES	LS			(180)
PAVEMENTS	LS			(125)
SITE IMPROVEMENTS	LS			(147)
COMMUNICATIONS	LS			(91)
SUBTOTAL				2,445
CONTINGENCY (5.0%)				122
TOTAL CONTRACT COST				2,567
SUPERVISION, INSPECTION AND OVERHEAD (5.7%)				146
DESIGN/BUILD - DESIGN COST (4.0% OF SUBTOTAL)				98
TOTAL REQUEST				2,811
TOTAL REQUEST (ROUNDED)				2,800)
EQUIPMENT FROM OTHER APPROPRIATIONS (NON-ADD)				(25

10. Description of Proposed Construction: Construct new facility to bed down new C-5M Formal Training Unit (FTU) mission. The facility consists of offices, a conference room, Instructor Base Review (IBR) rooms, a break/supply room, mechanical space, restrooms, and hallways. This project will comply with DoD antiterrorism/force protection requirements per the Unified Facilities Criteria.

Air Conditioning: 60 Tons

11. Requirement: 560 SM Adequate: 0 SM Substandard: 0 SM

PROJECT: C-5M Formal Training Unit Facility (New Mission)

REQUIREMENT: The new C-5M FTU facility is required to train/support five C-5M squadrons. The total amount of square footage required for this facility is 560 SM. The breakdown of the total square footage is as follows: Pilot and Flight Engineer Instructor Office (10 personnel) - 116 SM; Flight CC office - 12 SM; Conference Room (for 10 crewmembers) - 56 SM; Four IBR Rooms - 47 SM; Scheduler - 23 SM; Break Room/Supply Room - 42 SM; Mechanical Space/Restrooms/Hallways - 146 SM; Contract Instructor Office (20 individuals) - 116 SM.

CURRENT SITUATION: Congress has approved the modification of 52 C-5 aircraft to C-5Ms. The bases scheduled to receive C-5M aircraft are Dover, Travis, and Westover. Dover was chosen to be the only location for the C-5M FTU. Dover AFB currently does not have an existing facility that is adequate to house the C-5M FTU. Therefore, the situation necessitates the construction of a new facility so that Dover is able to adequately house the C-5M FTU.

IMPACT IF NOT PROVIDED: Without this new facility the C-5M FTU would not have an adequate training facility to fulfill their mission. Continuing to train in an inadequate learning environment could have the following effects: sub-standard training, extended course lengths, student remediation, possible AF Reserve student recall caused by man-day limitations, and potential under-manning due to delayed crewmember replacements.

1. COMPONENT AIR FORCE	FY 2012 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
DOVER AIR FORCE BASE, DELAWARE	C-5M FORMAL TRAINING UNIT FACILITY

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
41119	171-618	FJXT123000	2,800

ADDITIONAL: This project meets the scope/criteria specified in Air Force Handbook 32-1084, Facility Requirements. An economic analysis of reasonable options for accomplishing this project (status quo, renovation, and new construction) will be completed. Preliminary analysis indicates that new construction is the only option that will meet mission requirements. Sustainable principles will be integrated into the design, development, and construction of the project in accordance with Executive Order 13423, 10 USC 2802 (c), and other applicable laws and Executive orders. Base Civil Engineer: Lt Col Thomas J. Davison, (302) 677-6768. Construct Formal Training Unit Facility: 560 SM = 6,000 SF.

JOINT USE CERTIFICATION: This facility can be used by other components on an "as available" basis; however, the scope of the project is based on Air Force requirements.

1. COMPONENT AIR FORCE	FY 2012 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
DOVER AIR FORCE BASE, DELAWARE	C-5M FORMAL TRAINING UNIT FACILITY

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
41119	171-618	FJXT123000	2,800

12. SUPPLEMENTAL DATA:

a. Estimated Design Data:

(1) Project to be accomplished by design-build procedures

(2) Basis:

(a) Standard or Definitive Design - NO

(b) Where Design Was Most Recently Used -

(3) All Other Design Costs 112

(4) Construction Contract Award 12 FEB

(5) Construction Start 12 MAR

(6) Construction Completion 13 MAR

(7) Energy Study/Life-Cycle analysis was/will be performed YES

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

EQUIPMENT NOMENCLATURE	PROCURING APPROPRIATION	FISCAL YEAR APPROPRIATED OR REQUESTED	COST ($000)
FURNISHINGS/EQUIPMENT	3400	2012	25

1. COMPONENT AIR FORCE	**FY 2012 MILITARY CONSTRUCTION PROGRAM**	2. DATE

INSTALLATION AND LOCATION	COMMAND:	5. AREA CONST
PATRICK AIR FORCE BASE	AIR FORCE SPACE	COST INDEX
FLORIDA	COMMAND	0.95

6. Personnel	PERMANENT			STUDENTS			SUPPORTED			
Strength	OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV	TOTAL
AS OF 30 Sep 10	438	1753	2211	0	0	0	184	776	0	5,362
END FY 2015	438	1753	2211	0	0	0	184	776	0	5,362

7. INVENTORY DATA ($000)

Total Acreage:	2,341	
Inventory Total as of : (30 Sep 10)		344,987
Authorization Not Yet in Inventory:		173,263
Authorization Requested in this Program:		79,000
Planned in Next Four Years Program:		29,000
Remaining Deficiency:		268,350
Grand Total:		894,600

8. PROJECTS REQUESTED IN THIS PROGRAM: (FY 2011)

CATEGORY CODE	PROJECT TITLE	SCOPE		COST $,000	DESIGN START	STATUS CMPL
610-281	AF Technical Applications Center	48,074	SM	79,000	Design Build	
		Total		79,000		

9b. Future Projects:	Typical Planned Next Four Years:	
610-127	Civil Engineering Complex	10,600
730-142	Fire/Crash Rescue Station	10,400
730-839	Relocate Main Gate	8,000
		29,000

9c. Real Property Maintenance Backlog This Installation: ($M) 105.5

10. Mission or Major Functions: The 45th Space Wing provides mission-ready forces for the 14th Air Force and the U.S. Strategic command to safely execute and maintain spacelift operations and operate, maintain, and secure the Eastern Range. It supports ballistic missile test launches, aircraft tests, and other ballistic munitions evaluations. It also supports civil spacelift operations, commercial spacelift operations licensed by the Federal Aviation Administration, and other space launch activities in accordance with National Space Policy and with the provision of public law.

11. Outstanding pollution and Safety (OSHA) Deficiencies:

a. Air pollution	0
b. Water Pollution	0
c. Occupational Safety and Health	0
d. Other Environmental	0

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1. COMPONENT	FY 2012 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AIR FORCE	(computer generated)	

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
PATRICK AIR FORCE BASE, FLORIDA	AIR FORCE TECHNICAL APPLICATIONS CENTER

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
35999	610-281	SXHT053001A	AUTH: 0 APPN: 79,000

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITIES				121,384
AIR FORCE TECHNICAL APPLICATION CENTER	SM	25,641	2,950	(75,641)
AIR FORCE LABORATORY	SM	3,530	5,400	(19,062)
SDD EP ACT 2005	LS			(2,348)
RF SHIELDING	LS			(6,928)
CENTRAL UTILITY PLANT	SM	2,175	2,390	(5,198)
PARKING GARAGE	SM	16,728	540	(9,033)
ANTITERRORISM FORCE PROTECTION	LS			(1,174)
INTERIOR COMMUNICATIONS	LS			(2,000)
SUPPORTING FACILITIES				16,045
UTILITIES	LS			(5,600)
PAVEMENTS	LS			(1,900)
SITE IMPROVEMENTS	LS			(1,100)
DEMOLITION	SM	19,789	260	(5,145)
RELOCATION OF TWO STORAGE MAGAZINES/PAD	LS			(1,100)
COMMUNICATIONS	LS			(1,200)
SUBTOTAL				137,429
CONTINGENCY (5.0%)				6,871
TOTAL CONTRACT COST				144,301
SUPERVISION, INSPECTION AND OVERHEAD (5.7%)				8,225
DESIGN/BUILD - DESIGN COST (4.0% OF SUBTOTAL)				5,497
TOTAL REQUEST				158,023
TOTAL REQUEST (ROUNDED)				158,000)
EQUIPMENT FROM OTHER APPROPRIATIONS (NON-ADD)				(48,153

10. Description of Proposed Construction: Construct a multi-story facility with concrete pier foundation and reinforced concrete floor slab, concrete walls, structural steel frame and roof system, computer access flooring, fire protection, environmental controls, Sensitive Compartmented Information Facilities (SCIF), Intrusion Detection System (IDS), Air Force Laboratory adjacent to the primary facility, a contral utility plant, and a stand alone parking garage for 600 cars. Includes utilities, pavements, site improvements, a pedestrian bridge over South Patrick Drive, relocation of two existing storage magazines from the foot print of new constructionand site and all other supporting facilities. Demolish 19,789 SM of facilities. Complies with DoD force protection requirements per unified facilities criteria.

Air Conditioning: 800 Tons

11. Requirement: 48074 Adequate: 0 Substandard: 19789

PROJECT: Construct an Air Force Technical Applications Center. (Current Mission)

REQUIREMENT: Adequate space for calibration/maintenance/storage functions for unique equipment needed to support critical mission operations. Additional space

1. COMPONENT	FY 2012 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AIR FORCE	(computer generated)	

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
PATRICK AIR FORCE BASE, FLORIDA	AIR FORCE TECHNICAL APPLICATIONS CENTER

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
35999	610-281	SXHT053001A	AUTH: 0 APPN: 79,000

will provide administrative functions that will support the technical production, shipping, distribution of seismic equipment, and space for the directorates that implement the overall research and development operations.

CURRENT SITUATION: The existing facility was constructed in 1957 utilizing design standards far below current design requirements for protection against frequent and strong coastal hurricanes. The facility is less than 300 feet from the Atlantic Ocean. It is also located less than 85 feet from a primary north-south state highway resulting in serious force protection concerns. Brackish water was used for the masonry mortar resulting in compromised wall strength, and x-ray examination indicates steel wall reinforcing required by the minimal design is often absent altogether. Reconstruction to bring the facility up to minimal facility and anti-terrorism standards is cost prohibitive. AFTAC's role as the sole DoD agency operating and maintaining a global network of nuclear event detection sensors as well as its role on the leading edge of verification technology for future treaties involving nuclear weapons programs has led to significant recent mission growth and realignment which the existing facility cannot accommodate.

IMPACT IF NOT PROVIDED: Continued safety, health, and environmental problems plaguing this aging facility will cripple development of verification technology for future treaties involving nuclear weapons programs. The proximity to a major thoroughfare and waterway will continue to expose this critical facility with its cutting-edge technological laboratories and uniquely qualified personnel to risks from man-made and natural hazards. The inadequate facility risks serious impact to nuclear treaty monitoring operations and operations support. Major security risks will result from utilizing multiple alternate secure sites and transporting critical information and material between sites will incur significant administrative overhead.

ADDITIONAL: This project meets the criteria/scope specified in Air Force Handbook 32-1084, "Facility Requirements." An analysis of reasonable options for accomplishing this project (status-quo, renovation, new construction) indicates that new construction is the most economical solution. Sustainable principles to include Life Cycle Cost-Effective practices will be integrated into the design, development, and construction of the project in accordance with Executive Order 13423, 10 USC 2802 (c), and other applicable laws and Executive orders. Base Civil Engineer: Lt. Col. Brian D. Weidmann, (321) 494-4041. AF Technical Application Center: 25,641 SM = 275,898 SF; AF laboratory: 3,530 SM = 37,982 SF; Central Utility Plant: 2,175 SM = 23,403 SF;; Parking Garage: 16,728 SM = 179,993 SF.

JOINT USE CERTIFICATION: Mission requirements, operational considerations, and location are incompatible with use by other components.

** This project was submitted in the FY11 military construction program for full authorization and appropriation of $158.009M. In the FY11 budget Congress approved full authorization of this project at $158.0M. However; they only provided appropriation of $79M. The remaing appropriation of $79M is requested in the FY12 military construction program.

Fiscal Year	Authorization	Appropriation
2011	$158M	$79M
2012	$0M	$79M

1. COMPONENT	FY 2012 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AIR FORCE	(computer generated)	

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
PATRICK AIR FORCE BASE, FLORIDA	AIR FORCE TECHNICAL APPLICATIONS CENTER

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
35999	610-281	SXHT053001A	AUTH: 0 APPN: 79,000

12. SUPPLEMENTAL DATA:

a. Estimated Design Data:

(1) Project to be accomplished by design-build procedures

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

(3) All Other Design Costs 4,754

(4) Construction Contract Award 12 FEB

(5) Construction Start 12 MAR

(6) Construction Completion 14 MAY

(7) Energy Study/Life-Cycle analysis was/will be performed YES

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

EQUIPMENT NOMENCLATURE	PROCURING APPROPRIATION	FISCAL YEAR APPROPRIATED OR REQUESTED	COST ($000)
FURNISHINGS	3400	2012	14,627
COMMUNICATIONS EQUIPMENT	3080	2011	19,526
LABORATORY EQUIPMENT	3080	2011	9,000
COMMUNICATION EQUIPMENT	3080	2012	5,000

1. COMPONENT AIR FORCE	**FY 2012 MILITARY CONSTRUCTION PROGRAM**	2. DATE

3. INSTALLATION AND LOCATION	4. COMMAND:	5. AREA CONST COST INDEX
FORT RILEY, KANSAS	AIR COMBAT COMMAND	1.06

6. Personnel Strength	PERMANENT			STUDENTS			SUPPORTED			
	OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV	TOTAL
AS OF 30 SEP 10 END FY 2015										

7. INVENTORY DATA ($000)

a. Total Acreage:	
b. Inventory Total as of : (30 Sep 10)	
c. Authorization Not Yet in Inventory:	
d. Authorization Requested in this Program:	7,600
f. Planned in Next Four Years Program:	
g. Remaining Deficiency:	
h. Grand Total:	7,600

8. PROJECTS REQUESTED IN THIS PROGRAM: (FY 2012)

CATEGORY CODE	PROJECT TITLE	SCOPE	COST $,000	DESIGN START	STATUS CMPL
141-753	Air Support Operations Center	4,000 SM	7,600	Design	Build

9a. Future Projects: Typical Planned Next Four Years:

None

9b Real Property Maintenance Backlog This Installation:

10. Mission or Major Functions: Fort Riley provides training, readiness, and deployability for three active component combat brigades; mobilizes and deploys active and reserve component units; and provides effective support for soldiers and families during peace and war.

11. Outstanding Pollution and Safety (OSHA Deficiencies):

a. Air pollution	0
b. Water Pollution	0
c. Occupational Safety and Health	0
d. Other Environmental	0

DD Form 1390, 9 Jul 02

1. COMPONENT	FY 2012 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AIR FORCE	(computer generated)	

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
FT RILEY, KANSAS	AIR SUPPORT OPERATIONS CENTER

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
27418	141-753	HACC123302	7,600

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITIES				4,998
AIR SUPPORT OPERATIONS COMPLEX	SM	4,000	1,225	(4,900)
SDD & EPACT05	LS			(98)
SUPPORTING FACILITIES				1,614
UTILITIES	LS			(275)
PAVEMENTS	LS			(668)
SITE IMPROVEMENTS	LS			(421)
COMMUNICATIONS	LS			(250)
SUBTOTAL				6,612
CONTINGENCY (5.0%)				331
TOTAL CONTRACT COST				6,943
SUPERVISION, INSPECTION AND OVERHEAD (5.7%)				396
DESIGN/BUILD - DESIGN COST (4.0% OF SUBTOTAL)				264
TOTAL REQUEST				7,603
TOTAL REQUEST (ROUNDED)				7,600)
EQUIPMENT FROM OTHER APPROPRIATIONS (NON-ADD)				(250

10. Description of Proposed Construction: Construct a new Air Support Operations Complex with reinforced concrete foundation and floor slab, standing seam metal roof, utilities, HVAC, pavements, site improvements, fencing, communication support, fire detection/sprinklers, special foundation, landscaping, and all other necessary support. Complex includes administrative office space, equipment maintenance shops, covered equipment storage, and organizational parking. Project will be sited on current helicopter landing pad. Costs of constructing a new helicopter landing pad are included in pavement costs, elevating supporting facilities totals. This project will comply with DoD Antiterrorism/Force Protection Requirements per Unified Facility Criteria.

Air Conditioning: 50 Tons

11. Requirement: 4000 SM Adequate: 0 SM Substandard: 0 SM

PROJECT: Air Support Operations Center (New Mission)

REQUIREMENT: A facility to support the expansion of the 10 Air Support Operations Squadron (ASOS). Facility will support administrative, operational, training, storage, vehicle and equipment maintenance. Supporting facilities include underground utilities (water, sewer, gas), electric service, loading docks, ramps, parking and access roads, paving, sidewalks, curbs and gutters, sanitary sewer system, storm drainage, information systems, landscaping, and site improvements. Fire Detection System (smoke detection) and sprinklers will be installed throughout the buildings in concurrence with the Unified Facilities Criteria (UFC) 3-600- 01, Fire Protection Engineering for Facilities. Accessibility for individuals with disabilities will be provided at the troop assembly/orientation/queing spaces, administration spaces and toilet/shower spaces. Anti-terrorism/Force Protection measure includes stand-off distance, laminated glass, and security lighting. A self-contained heating system (gas fired) will be provided. A new helicopter landing pad (HELI pad) will be included in this project. This option saves

1. COMPONENT AIR FORCE	FY 2012 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
FT RILEY, KANSAS	AIR SUPPORT OPERATIONS CENTER

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
27418	141-753	HACC123302	7,600

construction costs and reduces future mission impacts. Comprehensive Interior Design and furnishings related design services are required.

CURRENT SITUATION: Current facilities are inadequately sized for new mission requirements. Facilities were built to support current mission requirements. No growth is possible within the confines of the current facilities. Additional space is not available on site due to sloping terrain.

IMPACT IF NOT PROVIDED: Significant work arounds will be required with daily mission impacts. Adequate facilities will not be available to perform training, operations, and maintenance functions. Some personnel will have to be housed in facilities not co-located with current facilities. This will result in a loss of communication and coordination which will result in a significant waste of man hours and degrade mission capabilities.

ADDITIONAL: This project meets the criteria/scope specified in Air Force Handbook 32-1084. A preliminary analysis of reasonable options for accomplishing this project (status quo, renovation, new construction) was done. It indicated there is only one option that meets operational requirements: new construction. A certificate of exception has been prepared. Sustainable principles, to include life cycle cost-effective practices, will be incorporated into the design, development and construction of the project in accordance with Executive Order 13423, 10 USC 2802 (c) and other applicable laws and Executive Orders. Public Works POC: Christina Hill, Phone: 785-239-6653. Air Support Operations Center: 4,000 SM = 43,056 SF

JOINT USE CERTIFICATION: This facility can be used by other components on an "as available" basis; however, the scope of the project is based on Air Force requirements.

1. COMPONENT AIR FORCE	FY 2012 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
3. INSTALLATION AND LOCATION FT RILEY, KANSAS	4. PROJECT TITLE AIR SUPPORT OPERATIONS CENTER	

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
27418	141-753	HACC123302	7,600

12. SUPPLEMENTAL DATA:

a. Estimated Design Data:

(1) Project to be accomplished by design-build procedures

(2) Basis:

(a) Standard or Definitive Design - NO

(b) Where Design Was Most Recently Used -

(3) All Other Design Costs 304

(4) Construction Contract Award 12 FEB

(5) Construction Start 12 MAR

(6) Construction Completion 13 SEP

(7) Energy Study/Life-Cycle analysis was/will be performed YES

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

EQUIPMENT NOMENCLATURE	PROCURING APPROPRIATION	FISCAL YEAR APPROPRIATED OR REQUESTED	COST ($000)
FURNITURE, FIXTURES AND EQUIP	3400	2012	250

1. COMPONENT AIR FORCE	**FY 2012 MILITARY CONSTRUCTION PROGRAM**	2. DATE

3. INSTALLATION AND LOCATION	4. COMMAND:	5. AREA CONST COST INDEX
BARKSDALE AIR FORCE BASE LOUISIANA	AIR COMBAT COMMAND	0.91

6. Personnel	PERMANENT			STUDENTS			SUPPORTED			
Strength	OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV	TOTAL
AS OF 30 SEP 10	1116	6803	1363	49	6	1	3	6	9	9,356
END FY 2015	1097	6745	1324	49	6	1	3	6	9	9,240

7. INVENTORY DATA ($000)		
a. Total Acreage:	21,844	
b. Inventory Total as of : (30 Sep 10)		2,145,311
c. Authorization Not Yet in Inventory:		45,540
d. Authorization Requested in this Program:		23,500
e. Planned in Next Four Years Program:		89,900
f. Remaining Deficiency:		75,700
g. Grand Total:		2,379,951

8. PROJECTS REQUESTED IN THIS PROGRAM: (FY 2012)

CATEGORY CODE	PROJECT TITLE	SCOPE		COST $,000	DESIGN START	STATUS CMPL
610-128	Mision Support Group Complex	7,937	SM	23,500	Jun-10	Sep-10
		Total		23,500		

9a. Future Projects: Typical Planned Next Four Years:		
113-321	Repair Aircraft Appron Pavement, Ph VI	15,500
131-111	Consolidated Communication Facility, Phase 1	12,200
219-944	Consolidated Base CE Ops Complex	12,200
721-312	Dormitory (168 RM)	21,000
730-839	Entrance Road & Gate Complex	11,000
740-674	ADAL Fitness Center	18,000
	Total	89,900

9b. Real Propery Maintenance Backlog This Installation: ($M)	113

10. Mission or Major Functions: Headquarters Eight Air Force; a bomb wing with three B-52 squadrons, one of which is responsible for training for all B-52 combat crews; an Air Force Reserve wing with A-10, AO-10, and B-52 aircraft.

11. Outstanding Pollution and Safety (OSHA Deficiencies):	
a. Air pollution	0
b. Water Pollution	0
c. Occupational Safety and Health	0
d. Other Environmental	0

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1. COMPONENT	FY 2012 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AIR FORCE	(computer generated)	

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
BARKSDALE AIR FORCE BASE, LOUISIANA	MISSION SUPPORT GROUP COMPLEX

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
11898	610-128	AWUB105002	23,500

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITIES				17,778
MISSION SUPPORT GROUP COMPLEX	SM	7,937	2,195	(17,422)
SDD & EPACT05	LS			(356)
SUPPORTING FACILITIES				3,425
UTILITIES	LS			(996)
PAVEMENTS	LS			(652)
SITE IMPROVEMENTS	LS			(332)
DEMOLITION	SM	94	484	(45)
COMMUNICATIONS SUPPORT	LS			(1,400)
SUBTOTAL				21,204
CONTINGENCY (5.0%)				1,060
TOTAL CONTRACT COST				22,264
SUPERVISION, INSPECTION AND OVERHEAD (5.7%)				1,269
TOTAL REQUEST				23,533
TOTAL REQUEST (ROUNDED)				23,500
EQUIPMENT FROM OTHER APPROPRIATIONS (NON-ADD)				(1,500.0)

10. Description of Proposed Construction: Three story steel frame structure with reinforced concrete foundation, floor slabs, reinforced masonry walls/finish system, and sloped metal roof. Wet sprinkler, fire alarm, telephone, and energy monitoring systems are provided for the entire facility. Site construction to include landscaping, parking lot, and access pavements. Project includes demolition of one facility (94 SM). This project will comply with DoD antiterrorism/force protection requirements and Unified Facility Criteria.

Air Conditioning: 700 Tons

11. Requirement: 7937 SM Adequate: 0 SM Substandard: 10374 SM

PROJECT: Mission Support Group Complex (New Mission).

REQUIREMENT: Adequately sized and properly configured facility to consolidate multiple administrative functions of the 2d Mission Support Group including: 2d Mission Support Group (MSG) Headquarters, 2d Force Support Squadron, 2d Contracting Squadron, Base Personnel Office, and Family Support Center. In addition, the facility will also house the following 2d Bomb Wing (BW) functions: 2d Comptroller Squadron, 2d BW Safety, Retiree Affairs, and 2d BW Legal Affairs Tax Counseling Office.

CURRENT SITUATION: The bed down of AF Global Strike Command (AFGSC) located a total of 873 AFGSC personnel at Barksdale AFB. The facility support plan developed by the Site Activation Task Force (SATAF) involves several facilities and requires a series of relocations to meet final AFGSC space requirements. A new facility is required for 2d MSG and other personnel being displaced from Bldgs 5345 and 5541 by AFGSC requirements. Consolidating 2d MSG and related functions to a new properly sized and configured facility will improve customer access to a variety of personnel services and improve efficiency between functions, while reducing overall space utilization by 22 percent. 2d MSG elements relocated to modular relocatable buildings until the completion of new permanent facilities.

1. COMPONENT AIR FORCE	FY 2012 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
BARKSDALE AIR FORCE BASE, LOUISIANA	MISSION SUPPORT GROUP COMPLEX

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
11898	610-128	AWUB105002	23,500

IMPACT IF NOT PROVIDED: Inadequate facilities will adversely affect capabilities of 2 MSG resulting from implementation of AFGSC bed down at Barksdale AFB. 2 MSG personnel will continue to occupy temporary facilities until the requested Mission Support Group Complex is constructed.

ADDITIONAL: This project meets the criteria/scope specified in Air Force Handbook 32-1084 - Facility Requirements. A preliminary analysis of reasonable options for accomplishing this project (status quo, renovation, upgrade/removal, new construction) indicated there is only one option that will meet operational requirements; new construction. A certificate of exception has been prepared. Sustainable principles, to include Life-Cycle cost effective practices, will be incorporated into the design, development and construction of the project in accordance with Executive Order 13424, 10 USC 2803 (c) and other applicable laws and Executive Orders. Base Civil Engineer: Lt Col David B. Chisenhall, Jr. (318) 456-4856. (Mission Support Group Complex: 7,937 SM = 85,433 SF).

JOINT USE CERTIFICATION: This facility can be used by other components on an "as available" basis; however, the scope of the project is based on Air Force requirements.

1. COMPONENT	FY 2012 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AIR FORCE	(computer generated)	

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
BARKSDALE AIR FORCE BASE, LOUISIANA	MISSION SUPPORT GROUP COMPLEX

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
11898	610-128	AWUB105002	23,500

12. SUPPLEMENTAL DATA:

a. Estimated Design Data:

(1) Status:

(a) Date Design Started	01-MAY-10
(b) Parametric Cost Estimates used to develop costs	YES
* (c) Percent Complete as of 01 JAN 2011	15%
* (d) Date 35% Designed	16-MAR-11
(e) Date Design Complete	01-SEP-11
(f) Energy Study/Life-Cycle analysis was/will be performed	YES

(2) Basis:

(a) Standard or Definitive Design -	NO
(b) Where Design Was Most Recently Used -	

(3) Total Cost (c) = (a) + (b) or (d) + (e):	($000)
(a) Production of Plans and Specifications	1,410
(b) All Other Design Costs	705
(c) Total	2,115
(d) Contract	1,763
(e) In-house	353

(4) Construction Contract Award	12 FEB
(5) Construction Start	12 MAR
(6) Construction Completion	14 MAR

* Indicates completion of Project Definition with Parametric Cost Estimate which is comparable to traditional 35% design to ensure valid scope, cost and executability.

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

EQUIPMENT NOMENCLATURE	PROCURING APPROPRIATION	FISCAL YEAR APPROPRIATED OR REQUESTED	COST ($000)
FURNISHINGS	3400	2012	1,250
COMMUMICATIONS EQUIPMENT	3080	2012	250

1. COMPONENT AIR FORCE	**FY 2012 MILITARY CONSTRUCTION PROGRAM**	2. DATE
3. INSTALLATION AND LOCATION WHITEMAN AIR FORCE BASE, MISSOURI	4. COMMAND: AIR COMBAT COMMAND	5. AREA CONST COST INDEX 1.04

6. Personnel Strength	PERMANENT			STUDENTS			SUPPORTED			
	OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV	TOTAL
AS OF 30 SEP 10	440	4271	1061	0	6	0	36	169	60	6,043
END FY 2015	440	4270	1061	0	6	0	36	169	60	6,042

7. INVENTORY DATA ($000)

a. Total Acreage: 4,993	
b. Inventory Total as of : (30 Sep 10)	3,994,118
c. Authorization Not Yet in Inventory:	35,400
d. Authorization Requested in this Program:	4,800
f. Planned in Next Four Years Program:	90,800
g. Remaining Deficiency:	76,600
h. Grand Total:	4,201,718

8. PROJECTS REQUESTED IN THIS PROGRAM: (FY 2012)

CATEGORY CODE	PROJECT TITLE	SCOPE		COST $,000	DESIGN START	STATUS CMPL
730-838	WSA Security Control Facility	418	SM	4,800	Design Build	
		Total		4,800		

9b. Future Projects: Typical Planned Next Four Years:

130-142	Crash/Structural Fire Station		13,600
141-753	Consolidated Air Ops Facility (Ph I&II)		23,500
721-312	Dormitory (144 RM)		23,000
730-839	Construct New ECP - Arnold Gate		8,500
740-674	ADAL Fitness Center & HAWC		22,200
		Total	90,800

9c. Real Property Maintenance Backlog This Installation: 62

10. Mission or Major Functions: Bomb Wing consisting of B-2 aircraft; Air Force Reserve A-10 aircraft.

11. Outstanding Pollution and Safety (OSHA Deficiencies):

a. Air pollution	0
b. Water Pollution	0
c. Occupational Safety and Health	0
d. Other Environmental	0

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1. COMPONENT	FY 2012 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AIR FORCE	(computer generated)	

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
WHITEMAN AIR FORCE BASE, MISSOURI	WSA SECURITY CONTROL FACILITY

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
27576	730-838	YWHG071005	4,800

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITIES				1,813
WSA SECURITY CONTROL FACILITY	SM	418	4,250	(1,777)
SDD & EPACT 05	LS			(36)
SUPPORTING FACILITIES				2,347
UTILITIES	LS			(499)
PAVEMENTS	LS			(275)
SITE IMPROVEMENTS	LS			(168)
COMMUNICATION	LS			(500)
PASSIVE FORCE PROTECTION	LS			(813)
DEMOLITION	SM	291	75	(22)
ASPHALT ACCESS ROAD	LS			(70)
SUBTOTAL				4,159
CONTINGENCY (5.0%)				208
TOTAL CONTRACT COST				4,367
SUPERVISION, INSPECTION AND OVERHEAD (5.7%)				249
DESIGN/BUILD - DESIGN COST (4.0% OF SUBTOTAL)				166
TOTAL REQUEST				4,783
TOTAL REQUEST (ROUNDED)				4,800)
EQUIPMENT FROM OTHER APPROPRIATIONS (NON-ADD)				(100

10. Description of Proposed Construction: Reinforced concrete construction to included hardened walls, door, windows and roof, firing ports to allow for 360 degree field of fire, HVAC, plumbing, electrical, communication, garage for tactical armored vehicles, efficiency kitchen, restrooms, storerooms, perimeter lighting and all other facility systems required to support Alert Fire Team (AFT) and Area Security Control (ASC) operations. Passive force protection measures add supporting facilities costs due to the mission and requirements of a Protection Level 1 (PL-1) security facility (hardening, ballistic protection, blast proof door). Utility costs are increased due to the required security measures during construction and the remote nature of the site from existing utility lines. The ASC will be in a hardened room to support the security controller and the operator of the remote targeting enhancement system. This project will meet all other antiterrorism and force protection requirements per the Unifed Facilities Criteria.

Air Conditioning: 6 Tons

11. Requirement: 418 SM Adequate: 0 SM Substandard: 291 SM

PROJECT: WSA Security Control Facility (Current Mission)

REQUIREMENT: New standard design for WSA Security Control Facilities will be designed around the requirements for nuclear security. Requirements for ground-level Master Surveillance and Control Facility include the following: hardening of all walls, doors, windows and roof for protection against small arms fire up to 81mm ordnance, firing ports for 360-degree coverage, climate control, and restrooms. A concrete defensive firing position, accessible from within the hardened facility, with grenade dump openings, will be constructed above the earth

1. COMPONENT AIR FORCE	FY 2012 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
WHITEMAN AIR FORCE BASE, MISSOURI	WSA SECURITY CONTROL FACILITY

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
27576	730-838	YWHG071005	4,800

cover with 360-degree vision. Utilization for the Alert Fire Team stipulates hardened doors at all access points to the facility, including hardened vehicle doors with adjacent firing ports. Facility supports Alert Fire Team and Area Security Control Operations within a PL-1 weapons storage area (WSA).

CURRENT SITUATION: The Alert Fire Team lacks necessary lines-of-fire. The current facility for the Control Center and Alert Fire Team does not have required explosives protection as prescribed by Air Force guidance, resulting in two security deviations in area of highest security, PL-1.

IMPACT IF NOT PROVIDED: Security for the WSA will remain non-compliant with nuclear security requirements and have inadequate protection against stand-off weapons and bulk explosives. Compensitory measures for higher risk include driving additional random patrols, forcing alert teams to wear personal protective gear for long hours, and installation of expensive piecemeal alterations such as a proposed $26K ballistic door.

ADDITIONAL: This project meets the criteria/scope specified in Air Force Handbook 32-1084, Facility Requirements. A preliminary analysis of reasonable options for accomplishing this project (status quo, renovation, new construction) was done. It indicates there is only one option that will meet operational requirements; new construction. A certificate of exception has been prepared. Sustainable principles, to include Life Cycle cost-effective practices, will be integrated into the design, development and construction of the project in accordance with Executive Order 13423, 10 USC 2802 (c) and other applicable laws and Executive orders. Base Civil Engineer: LtCol Steven W. Moore, Phone: (660) 687-3503. (WSA Security Control Facility: 418 SM = 4500 SF)

JOINT USE CERTIFICATION: Mission requirements, operational considerations, and location are incompatible with use by other components.

1. COMPONENT AIR FORCE	FY 2012 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
WHITEMAN AIR FORCE BASE, MISSOURI	WSA SECURITY CONTROL FACILITY

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
27576	730-838	YWHG071005	4,800

12. SUPPLEMENTAL DATA:

a. Estimated Design Data:

(1) Project to be accomplished by design-build procedures

(2) Basis:

(a) Standard or Definitive Design - NO

(b) Where Design Was Most Recently Used -

(3) All Other Design Costs 192

(4) Construction Contract Award 12 MAR

(5) Construction Start 12 MAR

(6) Construction Completion 13 MAR

(7) Energy Study/Life-Cycle analysis was/will be performed YES

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

EQUIPMENT NOMENCLATURE	PROCURING APPROPRIATION	FISCAL YEAR APPROPRIATED OR REQUESTED	COST ($000)
FURNISHINGS	3400	2013	70
COMMUNICATIONS SUPPORT	3080	2012	30

1. COMPONENT AIR FORCE	**FY 2012 MILITARY CONSTRUCTION PROGRAM**	2. DATE

3. INSTALLATION AND LOCATION	4. COMMAND:	5. AREA CONST COST INDEX
OFFUTT AIR FORCE BASE, NEBRASKA	AIR COMBAT COMMAND	1

6. Personnel Strength	PERMANENT			STUDENTS			SUPPORTED			
	OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV	TOTAL
AS OF 30 SEP 10	1838	5627	4038	81	101	68	427	208	453	12,841
END FY 2015	1815	5467	3347	81	101	68	427	208	453	11,967

7. INVENTORY DATA ($000)

a. Total Acreage:	3,644	
b. Inventory Total as of : (30 Sep 10)		4,129,666
c. Authorization Not Yet in Inventory:		10,400
d. Authorization Requested in this Program:		150,000
f. Planned in Next Four Years Program:		449,200
g. Remaining Deficiency:		125,200
h. Grand Total:		4,864,466

8. PROJECTS REQUESTED IN THIS PROGRAM: (FY 2012)

CATEGORY CODE	PROJECT TITLE	SCOPE		COST $,000	DESIGN START	STATUS CMPL
610-287	USSTRATCOM Replacement Facility - In	100,866	SM	150,000	Oct-09	Feb-11
		Total		150,000		

9a. Future Projects: Typical Planned Next Four Years:

131-111	Communications Data Center		9,200
141-753	NC2 Alert Facility/38 RS		15,000
610-287	STRATCOM Replacement Facility - Incr 2		250,000
610-287	STRATCOM Replacement Facility - Incr 3		164,000
730-839	Kenney/Bellvue Gates		11,000
		Total	449,200

9b. Real Property Maintenance Backlog This Installation: 105

10. Mission or Major Functions: Headquarters USSTRATCOM; a strategic aerial reconnaissance wing with 5 flying reconnaissance squadrons flying the OC/RC/TC/WC-135 class aircraft and 1 strategic command and control squadron flying the E-4B, the Air Force Weather Agency, USAF Heartland of America Band and a Strategic Intelligence Squadron

11. Outstanding Pollution and Safety (OSHA Deficiencies):

a. Air pollution	0
b. Water Pollution	0
c. Occupational Safety and Health	0
d. Other Environmental	0

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1. COMPONENT	FY 2012 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AIR FORCE	(computer generated)	

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
OFFUTT AIR FORCE BASE, NEBRASKA	USSTRATCOM REPLACEMENT FACILITY - INCR 1

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
27576	610-287	SGBP100904C	AUTH: 564,000 APP: 150,000

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITIES				446,892
USSTRATCOM REPLACEMENT FACILITY	SM	100,866	4,344	(438,130)
SDD & EPACT 05	LS			(8,763)
SUPPORTING FACILITIES				61,172
UTILITIES	LS			(8,703)
PAVEMENTS	LS			(22,838)
SITE IMPROVEMENTS	LS			(13,583)
COMMUNICATIONS	LS			(7,769)
DEMOLITION-BLDGS	SM	16,963	195	(3,314)
BACKUP POWER GENERATION	LS			(4,965)
SUBTOTAL				508,064
CONTINGENCY (5.0%)				25,403
TOTAL CONTRACT COST				533,467
SUPERVISION, INSPECTION AND OVERHEAD (5.7%)				30,408
TOTAL REQUEST				563,875
TOTAL REQUEST (ROUNDED)				564,000
EQUIPMENT FROM OTHER APPROPRIATIONS (NON-ADD)				(547,000.0)

10. Description of Proposed Construction: A multi-story facility with reinforced concrete foundation and floor slab, structural steel frame, masonry walls, single membrane roof, utilities, fire detection/protection, security, pavements, access road, adequate security gate, communications support, site improvements, passive force protection, landscaping, and all other necessary support. Significant portions of the construction will meet Secret Compartmentalized Information Facility (SCIF) criteria for open storage. Facility Command & Control and secure backup must be High Altitude Electro Magnetic Pulse (HEMP) Shielded and must survive an EF-5 tornado. This project will comply with DoD antiterrorism/force protection requirements per Unified Facility Criteria. Project includes demolition of buildings totaling 16,963SM.

Air Conditioning: 4,700 Tons

11. Requirement: 100866 SM Adequate: 0 SM Substandard: 86263 SM

PROJECT: United States Strategic Command (USSTRATCOM) Replacement Facility (Current Mission)

REQUIREMENT: USSTRATCOM is tasked with the vital roles of strategic deterrence, space operations, and cyberspace operations in our nation's defense. Nuclear, space, and network command and control (C2) operations require secure and survivable infrastructure. In support of this mission, a 100,866 SM facility is required to house a 3,921 person work force. The facility must include secure HEMP-Shielded Command & Control Center, mainframe computer data centers, multiple 24/7 mission operation centers, administrative space, storage and maintenance areas, labs/workrooms, distinguished visitor area, theater-type conference room with 400-person capacity, video teleconference, conference center, food service space, training area, adequate parking and access roads, back-up generators, and Uninterruptible Power Source (UPS).

1. COMPONENT	FY 2012 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AIR FORCE	(computer generated)	

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
OFFUTT AIR FORCE BASE, NEBRASKA	USSTRATCOM REPLACEMENT FACILITY - INCR 1

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
27576	610-287	SGBP100904C	AUTH: 564,000 APP: 150,000

CURRENT SITUATION: As USSTRATCOM has taken on more Unified Command Plan tasks, the need for classified working areas has far outstripped the current facility's ability to support. USSTRATCOM needs a new Command and Control facility/headquarters (HQ) to effectively meet its mission requirements. In addition to the current building infrastructure being unable to consistently and safely support the legacy nuclear mission, the facilities are ill suited to the maturing missions of Space and Cyberspace. These mission areas operate at the highest levels of classification in the DoD. However, the current facilities are short of the SCIF spaces required to effectively plan and execute missions in these domains. Currently available SCIF space in the building complex is scattered, forcing work arounds by the staff to accomplish mission taskings. This problem was evident during the Command's planning for the satellite shoot down in 2008. While the end result was a success, the lack of appropriate SCIF spaces hampered the planning and coordination. Furthermore, in the last two years, the key USSTRATCOM command and control facilities at Offutt AFB have suffered from failure in electrical service and cooling water. Finally, there has been flooding and fires in the HQ complex. These infrastructure shortcomings have put the missions and people at risk, and 24,000 man-hours have been lost as a result of these outages.

IMPACT IF NOT PROVIDED: The Command's ability to successfully plan and execute time critical Space and Cyberspace operations will be limited by the lack of adequate and consolidated SCIF space. The aging infrastructure housing the Nation's nuclear deterrent operations will place the mission in jeopardy due to a lack of or failing security and survivability and personnel at risk of injury.

ADDITIONAL: This project meets the criteria/scope specified in Air Force Handbook 32-1084, "Facility Requirements." Space requirements for operational functions were determined by USSTRATCOM. An economic analysis has been completed. Sustainable principles, to include Life Cycle cost-effective practices, will be integrated into the design, development and construction of the project in accordance with Executive Order 13423, 10 USC 2802 (c) and other applicable laws and Executive Orders. Base Civil Engineer: Mr. Mark Jacobsen (402) 294-5501; (USSTRATCOM Replacement Facility: 100,866 SM = 1,085,748 SF).

JOINT USE CERTIFICATION: This facility is for a Combatant Command and as such is programmed for joint use with US Army & US Navy; however, it is fully funded by the Air Force.

** OMB approved incremetal funding of this project by memo dated 4 May 2010. Future liabilities resulting from incremetally funding the project are as follows.

Fiscal Year	Amount
2012	$150.0M
2013	$250.0M
2014	$164.0M

AUTHORIZATON AND APPROPRIATION SUMMARY: REQUESTED FOR FY 2012

AUTHORIZATION OF THE PROJECT	$564.0M
AUTHORIZATION FOR APPROPRIATION	$150.0M
APPROPRIATION	$150.0M

1. COMPONENT	FY 2012 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AIR FORCE	(computer generated)	

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
OFFUTT AIR FORCE BASE, NEBRASKA	USSTRATCOM REPLACEMENT FACILITY - INCR 1

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
27576	610-287	SGBP100904C	AUTH: 564,000 APP: 150,000

12. SUPPLEMENTAL DATA:

a. Estimated Design Data:

(1) Status:	
(a) Date Design Started	26-OCT-09
(b) Parametric Cost Estimates used to develop costs	YES
* (c) Percent Complete as of 01 JAN 2011	95%
* (d) Date 35% Designed	16-APR-10
(e) Date Design Complete	28-FEB-11
(f) Energy Study/Life-Cycle analysis was/will be performed	YES
(2) Basis:	
(a) Standard or Definitive Design -	NO
(b) Where Design Was Most Recently Used -	
(3) Total Cost (c) = (a) + (b) or (d) + (e):	($000)
(a) Production of Plans and Specifications	31,615
(b) All Other Design Costs	3,885
(c) Total	35,500
(d) Contract	33,000
(e) In-house	2,500
(4) Construction Contract Award	11 NOV
(5) Construction Start	12 FEB
(6) Construction Completion	16 FEB

* Indicates completion of Project Definition with Parametric Cost Estimate which is comparable to traditional 35% design to ensure valid scope, cost and executability.

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

EQUIPMENT NOMENCLATURE	PROCURING APPROPRIATION	FISCAL YEAR APPROPRIATED OR REQUESTED	COST ($000)
C4I SYSTEMS ENGINEERING/INTEGR	3400	2012	8,000
C4I SYSTEMS ENGINEERING/INTEGR	3400	2013	7,000
COMM/COMPUTER SYSTEM	3080	2013	25,000
FURNISHINGS	3400	2014	22,000
COMM/COMPUTER SYSTEM	3080	2014	99,000
COMM/COMPUTER SYSTEM	3080	2014	99,000
COMM/COMPUTER SYSTEM	3080	2014	56,000
FURNISHINGS	3400	2015	77,000
COMM/COMPUTER SYSTEM	3080	2015	99,000

1. COMPONENT AIR FORCE	FY 2012 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
27576	610-287	SGBP100904C	564,000

COMM/COMPUTER/UPS SYSTEM	3080	2015	55,000

1. COMPONENT AIR FORCE	**FY 2012 MILITARY CONSTRUCTION PROGRAM**	2. DATE

3. INSTALLATION AND LOCATION	4. COMMAND:	5. AREA CONST COST INDEX
NELLIS AIR FORCE BASE, NEVADA	AIR COMBAT COMMAND	1.3

6. Personnel Strength	PERMANENT			STUDENTS			SUPPORTED			TOTAL
	OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV	
AS OF 30 SEP 10	1053	6415	2709	75	135	2	0	1	263	10,653
END FY 2015	1103	6322	2696	75	135	2	0	1	263	10,597

7. INVENTORY DATA ($000)

a. Total Acreage: 13,921	
b. Inventory Total as of : (30 Sep 10)	2,109,983
c. Authorization Not Yet in Inventory:	123,140
d. Authorization Requested in this Program:	34,900
e. Planned in Next Four Years Program:	21,000
f. Remaining Deficiency:	178,000
g. Grand Total:	2,467,023

8. PROJECTS REQUESTED IN THIS PROGRAM: (FY 2012)

CATEGORY CODE	PROJECT TITLE	SCOPE		COST $,000	DESIGN START	STATUS CMPL
131-111	Communications Network Control Center	1,193	SM	11,400	Design Build	
211-157	F-35 Add/Alter Engine Shop	572	SM	2,500	Design Build	
218-712	F-35A AGE Facility	4,180	SM	21,000	Design Build	
		Total		34,900		

9a. Future Projects: Typical Planned Next Four Years:

211-111	F-16 Maintenance Facility		21,000	
		Total	21,000	

9b. Real Property Maintenance Backlog This Installation: ($M) 103

10. Mission or Major Functions: USAF Warfare Center manages advanced pilot training, operation, testing, and tactics development in air, space, and cyberspace. Its 98th Range Wing oversees a 15,000 sq.-mile Nevada Test and Training Range Complex and two emergency airfields. 57th Wing, A-10A, F-15C/E, F-16, F-22A, HH-60G, MQ-1 Predator, MQ-9 Reaper. 57th Wing missions include Red Flag exercises (414th Combat Training Sq.); graduate level pilot training (USAF Weapons School); support for Army exercises (549th Combat Training Sq.); training for international personnel in joint firepower procedures and techniques (57th Operations Gp.); and USAF Air Demonstration Sq. (Thunderbirds). 53rd Wing, at 17 locations nationwide, serves as focal point for combat air forces in electronic warfare, armament and avionics, chemical defense, reconnaissance, and aircrew training devices, and operational testing and evaluation of proposed new equipmen and systems. 505th Command and Control Wing builds the predominant air and space command and control ability for combined joint warfighters through training, testing, exercising, and experimentation.

11. Outstanding Pollution and Safety (OSHA Deficiencies):

a. Air pollution	0
b. Water Pollution	0
c. Occupational Safety and Health	0
d. Other Environmental	0

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1. COMPONENT	FY 2012 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AIR FORCE	(computer generated)	

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
NELLIS AIR FORCE BASE, NEVADA	COMMUNICATIONS NETWORK CONTROL CENTER

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
27576	131-111	RKMF103003	11,600

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITIES				5,652
COMMUNICATIONS NETWORK CONTROL CENTER	SM	1,193	4,634	(5,528)
SDD & EPACT 05	LS			(124)
SUPPORTING FACILITIES				4,394
UTILITIES	LS			(211)
PAVEMENTS	LS			(174)
SITE IMPROVEMENTS	LS			(200)
PASSIVE SECURITY REQUIREMENTS	LS			(651)
COMMUNICATIONS SUPPORT	LS			(2,120)
DEMOLITION	SM	1,923	475	(913)
BACKUP GENERATOR	LS			(125)
SUBTOTAL				10,047
CONTINGENCY (5.0%)				502
TOTAL CONTRACT COST				10,549
SUPERVISION, INSPECTION AND OVERHEAD (5.7%)				601
DESIGN/BUILD - DESIGN COST (4.0% OF SUBTOTAL)				402
TOTAL REQUEST				11,552
TOTAL REQUEST (ROUNDED)				11,600)
EQUIPMENT FROM OTHER APPROPRIATIONS (NON-ADD)				(9,850

10. Description of Proposed Construction: Reinforced concrete foundation and floor slab, structural steel frames, split-face masonry unit walls, structural sloping metal seam roof, fire detection/protection system, utilities, communication support, asbestos abatement, and demolition of one facility (1,923 SM), pavements, landscaping, emergency backup generator, and all other necessary support. This project will comply with DoD antiterrorism/force protection requirements per Unified Facilities Criteria.

Air Conditioning: 240 Tons

11. Requirement: 1193 SM Adequate: 0 SM Substandard: 1923 SM

PROJECT: Communications Network Control Center. (Current Mission)

REQUIREMENT: Adequately sized and properly configured base communications facilities are required to reliably support the increased communications and data processing requirements of the flying mission at Nellis AFB and Creech AFB. Critical functions include: command and control of critical network control center (NCC) functions and services for both Nellis AFB and Creech AFB, direct mission support of remotely piloted aircraft (RPA) for overseas contingency operations, secure internet protocol router (SIPR) and non-secure internet protocol router (NIPR), web hosting and electronic data storage in support of Operational Test and Evaluation, and other mission capabilities of the USAF Warfare Center.

CURRENT SITUATION: Current operational readiness is degraded due to the risk of failure of the base network control center facility, which currently provides service to over 14,000 users across 6 wings and the USAF Warfare Center. A new network control center (NCC) is needed to relocate from an aged, unsafe,

1. COMPONENT AIR FORCE	FY 2012 MILITARY CONSTRUCTION PROJECT DATA (computer generated)		2. DATE
3. INSTALLATION AND LOCATION NELLIS AIR FORCE BASE, NEVADA		4. PROJECT TITLE COMMUNICATIONS NETWORK CONTROL CENTER	
5. PROGRAM ELEMENT 27576	6. CATEGORY CODE 131-111	7. PROJECT NUMBER RKMF103003	8. PROJECT COST ($000) 11,600

vulnerable, and inadequately sized building to allow for mission critical NCC expansion. The current NCC was constructed over 52 years ago and its location, degraded infrastructure, and high asbestos content throughout the building hamper any possibility for upgrades and expansion. The facility housing critical NCC operations and support areas has a large crack in the roof spanning 150 feet and is over 3 inches wide at some points. This crack allows water to leak onto internal ceiling tiles, collapsing them and exposing personnel to dangerous asbestos. The NCC facility has suffered extensive damage to carpet and furniture, and communications equipment due to water leaks, and several offices have been closed temporarily due to damages. In the spring of 2007, the NCC facility suffered a major failure to its HVAC system which virtually shut down critical communications systems throughout Nellis AFB for over four days. A temporary repair to the HVAC system has been made, but a permanent repair and/or upgrades to the HVAC system cannot be made due to the age, configuration and the overall degraded condition of the infrastructure of the building. Furthermore, major renovation cannot be accomplished to the NCC because the facility cannot meet AT/FP setback requirements from adjacent roads and parking. A complete loss of network capabilities could occur at anytime due to water damage or HVAC failure severely impacting the following communication services at Nellis: NIPRNET, SIPRNET, all messaging services, e-mail, Internet, Base Paging Network, and other services which are critical to the flying missions of both Nellis AFB and Creech AFB.

IMPACT IF NOT PROVIDED: Without an adequately sized and reliable NCC facility, forced operations in the existing NCC will continue to place base communications in a position detrimental to command and control and at risk of failure due to inadequate working environments. The current situation decreases operational readiness and the ability to effectively support the war fighting mission. Catastrophic failure of critical infrastructure systems of the NCC could result in the complete loss of base communication network capabilities and shutdown the base Network/Communication services for an extended period of time. This includes complete loss of connectivity to RPA combat operations in the CENTCOM Area of Responsibility, the grounding of the F-22A operations at Nellis AFB, and potential interruption of joint worldwide intelligence communication system (JWICS) and SIPRNET services supporting RED Flag, Weapons School, Nellis Combined Air Operations Center - Nellis RPA combat and Nevada Test and Training Range operations.

ADDITIONAL: This project meets the criteria/scope specified in Air Force Handbook 32-1084, "Facility Requirements". A preliminary analysis of reasonable options for accomplishing this project (status quo, renovation, upgrade/removal, new construction) was done. It indicates there is only one option that will meet operational requirements; new construction. A certificate of exception has been prepared. Sustainable principles, to include Life Cycle cost-effective practices, will be integrated into the design, development and construction of the project in accordance with Executive Order 13423, 10 USC 2802 (c) and other applicable laws and Executive orders. Base Civil Engineer: Lt Col Mark McCloud, (702) 652-4833. (Communications Network Control Center: 1,193 SM = 12,837 SF).

JOINT USE CERTIFICATION: Mission requirements, operational considerations and location are incompatible with use by other components.

1. COMPONENT AIR FORCE	FY 2012 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
3. INSTALLATION AND LOCATION NELLIS AIR FORCE BASE, NEVADA	4. PROJECT TITLE COMMUNICATIONS NETWORK CONTROL CENTER	

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
27576	131-111	RKMF103003	11,600

12. SUPPLEMENTAL DATA:

a. Estimated Design Data:

(1) Project to be accomplished by design-build procedures

(2) Basis:

(a) Standard or Definitive Design - NO

(b) Where Design Was Most Recently Used -

(3) All Other Design Costs 464

(4) Construction Contract Award 12 FEB

(5) Construction Start 12 APR

(6) Construction Completion 13 AUG

(7) Energy Study/Life-Cycle analysis was/will be performed YES

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

EQUIPMENT NOMENCLATURE	PROCURING APPROPRIATION	FISCAL YEAR APPROPRIATED OR REQUESTED	COST ($000)
COMMUNICATIONS-ELECT EQUIPMENT	3080	2013	9,100
FURNISHINGS	3400	2013	750

1. COMPONENT	FY 2012 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AIR FORCE	(computer generated)	

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
NELLIS AIR FORCE BASE, NEVADA	F-35 ADD/ALTER ENGINE SHOP

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
27142	211-157	RKMF103010	2,750

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITIES				2,180
ENGINE SHOP ADDITION	SM	372	4,400	(1,637)
ENGINE SHOP ALTERATION	SM	200	2,500	(500)
SDD & EPACT 05	LS			(43)
SUPPORTING FACILITIES				216
UTILITIES	LS			(16)
PAVEMENTS	LS			(48)
SITE IMPROVEMENTS	LS			(108)
COMMUNICATIONS SUPPORT	LS			(44)
SUBTOTAL				2,396
CONTINGENCY (5.0%)				120
TOTAL CONTRACT COST				2,516
SUPERVISION, INSPECTION AND OVERHEAD (5.7%)				143
DESIGN/BUILD - DESIGN COST (4.0% OF SUBTOTAL)				96
TOTAL REQUEST				2,755
TOTAL REQUEST (ROUNDED)				2,750)
EQUIPMENT FROM OTHER APPROPRIATIONS (NON-ADD)				(115

10. Description of Proposed Construction: Reinforced concrete foundation and floor slab, structural steel frame, steel exterior walls, standing seam metal roof, fire detection/protection, utilities, site improvements, landscaping, access paving, communications support, and all other necessary support. Alteration includes all work associated with connecting the addition to the existing facility. This project will comply with antiterrorism/force protection requirements identified in DoD Unified Facilities Criteria.

Air Conditioning: 5 Tons

11. Requirement: 7235 SM Adequate: 6863 SM Substandard: 0 SM

PROJECT: F-35A Add/Alter Engine Shop. (New Mission)

REQUIREMENT: Additional engine shop space is required to support the permanent beddown of 12 F-35A Primary Development/Test Aircraft starting in FY12, and 24 Primary Training Aircraft beginning in FY14 at Nellis AFB. This project requires facility security accreditation, maintenance computer tracking/maintenance systems, communication instruments/systems, telephones, furniture and other work necessary for a complete and usable facility. This facility must be used to conduct intermediate level maintenance, store spare engines, store support equipment, and administrative space. Nellis AFB is designated as the beddown location for Force Development and Evaluation, and the USAF Weapons School for the F-35A aircraft.

CURRENT SITUATION: Nellis AFB does not have adequate engine shop capacity to support engine repair for an additional 36 F-35A aircraft. All excess flightline facilities have been at capacity for over 5 years. Additional requirements are documented through the BRAC 2005 process and previously approved weapon systems facility projects; F-22A, F-15/F-16 Aggressors, A-10, as well as the F-35A aircraft. The base must also support aircraft deployed to Nellis for Flag

1. COMPONENT AIR FORCE	FY 2012 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
NELLIS AIR FORCE BASE, NEVADA	F-35 ADD/ALTER ENGINE SHOP

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
27142	211-157	RKMF103010	2,750

exercises. Nellis is projected to have over 180 assigned aircraft when all beddown and basing decisions are complete. This project will be an engine shop addition to the maintenance hangar portion of FY11 MILCON project RKMF093004 "F-35A Maintenance Hangar/AMU".

IMPACT IF NOT PROVIDED: Degraded ability to generate the necessary aircraft sorties to support operational test and weapons school mission requirements. Engine maintenance personnel will not be able to keep pace with operational requirements, thus delaying test, training, and weapon school sorties. Aircraft utilization rates will decrease to unacceptable levels.

ADDITIONAL: This project meets the criteria/scope specified in Air Force Handbook 32-1084, "Facility Requirements." An analysis of reasonable options for accomplishing this project (status quo, renovations, new construction) was done. It indicates there is only one option that will meet operational requirements; new construction. A certificate of exception has been prepared. Sustainable principles, to include Life Cycle cost-effective practices, will be integrated into the design, development and construction of the project in accordance with Executive Order 13423, 10 USC 2802 (c) and other applicable laws and Executive orders. Base Civil Engineer: Lt Col Mark H. McCloud, (702) 652-4833. (Engine Shop Addition: 372 SM = 4,000 SF; Engine Shop Alteration: 200 SM = 2,153 SF)

JOINT USE CERTIFICATION: Mission requirements, operational considerations, and location are incompatible with use by other components.

1. COMPONENT AIR FORCE	FY 2012 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
NELLIS AIR FORCE BASE, NEVADA	F-35 ADD/ALTER ENGINE SHOP

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
27142	211-157	RKMF103010	2,750

12. SUPPLEMENTAL DATA:

a. Estimated Design Data:

(1) Project to be accomplished by design-build procedures

(2) Basis:

(a) Standard or Definitive Design - NO

(b) Where Design Was Most Recently Used -

(3) All Other Design Costs 110

(4) Construction Contract Award 12 FEB

(5) Construction Start 12 MAR

(6) Construction Completion 13 MAR

(7) Energy Study/Life-Cycle analysis was/will be performed YES

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

EQUIPMENT NOMENCLATURE	PROCURING APPROPRIATION	FISCAL YEAR APPROPRIATED OR REQUESTED	COST ($000)
FURNISHINGS	3400	2012	40
COMMUNICATIONS EQUIPMENT	3080	2012	75

1. COMPONENT	FY 2012 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AIR FORCE	(computer generated)	

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
NELLIS AIR FORCE BASE, NEVADA	F-35A AGE FACILITY

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
27142	218-712	RKMF103001	21,500

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITIES				12,705
F-35A AGE FACILITY	SM	4,180	2,980	(12,456)
SDD & EPACT 05	LS			(249)
SUPPORTING FACILITIES				5,988
UTILITIES	LS			(920)
PAVEMENTS	LS			(3,453)
SITE IMPROVEMENTS	LS			(1,370)
COMMUNICATIONS SUPPORT	LS			(245)
SUBTOTAL				18,693
CONTINGENCY (5.0%)				935
TOTAL CONTRACT COST				19,628
SUPERVISION, INSPECTION AND OVERHEAD (5.7%)				1,119
DESIGN/BUILD - DESIGN COST (4.0% OF SUBTOTAL)				748
TOTAL REQUEST				21,495
TOTAL REQUEST (ROUNDED)				21,500)
EQUIPMENT FROM OTHER APPROPRIATIONS (NON-ADD)				(240

10. Description of Proposed Construction: Reinforced concrete foundation and floor slab, structural steel frame, masonry walls, standing seam metal roof, fire detection/protection, special security enhancements, utilities, site improvements, landscaping, access pavements, roads, vehicle parking, communications support, AGE yard/tank storage, and all other necessary support. This project will comply with antiterrorism/force protection requirements per DoD Unified Facilities Criteria.

Air Conditioning: 210 Tons

11. Requirement: 4180 SM Adequate: 0 SM Substandard: 3558 SM

PROJECT: F-35A AGE Facility. (New Mission)

REQUIREMENT: Additional Aerospace Ground Equipment (AGE) maintenance capacity is required to support the permanent beddown of 12 F-35A Primary Development/Test Aircraft starting in FY12, 24 Primary Training Aircraft beginning FY14 and 36 F-15/F-16 Aggressor aircraft that began with BRAC 2005 realignment iniatives. All 36 F-15/F-16 Aggressor aircraft are expected to be delivered to Nellis AFB by the end of FY10 and the 36 F-35A aircraft are ultimately slated for delivery to Nellis AFB over the next decade. Nellis AFB has been designated as the beddown location for Force Development and Evaluation and the USAF Weapon School for the F-35A Weapon System. The proposed consolidated AGE facility will ultimately be the sole facility that supports the maintenance of all aerospace ground equipment at Nellis AFB.

CURRENT SITUATION: Nellis AFB does not have adequate AGE maintenance capacity to support the maintenance requirements of the F-35A and F-15/16 Aggressor beddown initiatives. Nellis is one of the most congested airfields in the Air Force from an operational and logistics perspective. Nellis AFB proper has had significant growth since 2000 with the F-22A Test and Weapon School Beddown (12 aircraft), the F-15/F-16 Aggressor Beddown (36 aircraft), and expansion of Flag exercises and other force structure actions. Nellis is projected to have over 180 assigned

1. COMPONENT AIR FORCE	FY 2012 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
NELLIS AIR FORCE BASE, NEVADA	F-35A AGE FACILITY

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
27142	218-712	RKMF103001	21,500

aircraft when all actions are complete. The existing AGE facility has been at capacity for the last 5 to 7 years, and additional requirements have been documented through the BRAC 2005 process and previously approved new weapon system facility projects. The existing AGE facility cannot be expanded at its present site and the existing site is needed for the future F-35A Parts Store. The installation is a critical asset for the capabilities and tactics testing of new weapon systems and the training of Combat Forces. The installation supports a diversity of weapons systems ranging from HH-60s, A-10s, F-15s, F-16s, F-22A and now F-35A, all of which support operational test, weapon school and flag exercises.

IMPACT IF NOT PROVIDED: Without adequate AGE maintenance facilities, Nellis AFB's ability to generate the necessary aircraft sorties to support F-35A and F-15/F-16 Aggressor aircraft will be severely impacted. Without adequate AGE support of these aircraft, maintenance personnel will be unable to support the maintenance of these weapon systems, negatively impacting fleet health and the overall success of the F-35A and F-15/F-16 Aggressor mission programs.

ADDITIONAL: This project meets the criteria/scope specified in Air Force Handbook 32-1084, "Facility Requirements." An analysis of reasonable options for accomplishing this project (status quo, renovations, new construction) was done. It indicates there is only one option that will meet operational requirements; new construction. A certificate of exception has been prepared. Sustainable principles, to include Life Cycle cost-effective practices, will be integrated into the design, development and construction of the project in accordance with Executive Order 13423, 10 USC 2802 (c) and other applicable laws and Executive orders. Base Civil Engineer: Lt Col Mark H. McCloud, (702) 652-4833. (AGE Facility: 4,180 SM = 45,000 SF)

JOINT USE CERTIFICATION: Mission requirements, operational considerations and location are incompatible with use by other components.

1. COMPONENT AIR FORCE	FY 2012 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
3. INSTALLATION AND LOCATION NELLIS AIR FORCE BASE, NEVADA	4. PROJECT TITLE F-35A AGE FACILITY	

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
27142	218-712	RKMF103001	21,500

12. SUPPLEMENTAL DATA:

a. Estimated Design Data:

(1) Project to be accomplished by design-build procedures

(2) Basis:

(a) Standard or Definitive Design - NO

(b) Where Design Was Most Recently Used -

(3) All Other Design Costs 860

(4) Construction Contract Award 12 FEB

(5) Construction Start 12 MAR

(6) Construction Completion 14 MAR

(7) Energy Study/Life-Cycle analysis was/will be performed YES

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

EQUIPMENT NOMENCLATURE	PROCURING APPROPRIATION	FISCAL YEAR APPROPRIATED OR REQUESTED	COST ($000)
FURNISHINGS	3400	2013	150
COMMUNICATIONS EQUIPMENT	3080	2013	90

1. COMPONENT AIR FORCE	**FY 2012 MILITARY CONSTRUCTION PROGRAM**	2. DATE

INSTALLATION AND LOCATION	COMMAND:	5. AREA CONST
CANNON AFB,	AIR FORCE SPECIAL	COST INDEX
NEW MEXICO	OPERATIONS COMMAND	0.98

6. Personnel	PERMANENT			STUDENTS			SUPPORTED			
Strength	OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV	TOTAL
AS OF 30 Sep 10	233	1500	398	0	0	0	0	0	0	2,131
END FY 2015	549	2561	416	0	0	0	0	0	0	3,526

7. INVENTORY DATA ($000)		
a. Total Acreage:	3,789	
b. Inventory Total as of : (30 Sep 10)		1,002,731
c. Authorization Not Yet in Inventory:		69,000
d. Authorization Requested in this Program:		22,598
e. Planned in Next Four Year Program:		41,850
f. Remaining Deficiency:		217,997
g. Grand Total:		1,354,176

8. PROJECTS REQUESTED IN THIS PROGRAM: (FY2012)

CATEGORY CODE	PROJECT TITLE	SCOPE	COST $,000	DESIGN START	STATUS CMPL
721-312	Dormitory (96 RM)	96 RM	$15,000	Design	Build
831-165	ADAL Wastewater Treatment Plant	1 LS	$7,598	May-10	Sep-11
		Total	$22,598		

9a. FUTURE PROJECTS: Typical Planned Next Four Years:

721-312	Dormitory (96 RM)	$15,000
722-351	Satellite Dining Facility	$5,000
722-351	Satellite Dining and Fitness Center Part 2	$5,000
730-839	Construct AT/FP Gates	$12,800
740-253	Family Support Center	$4,050
		$41,850

9b. Real Propery Maintenance Backlog This Installation: ($M)	80,000

10. MISSION OR MAJOR FUNCTIONS: Special Operations Wing with MC-130W, AC-130, CV-22, Non-Standard Aviation (NSA), and Unmanned Aerial System (UAS) special operations squadrons.

11. OUTSTANDING POLLUTION AND SAFETY (OSHA)DEFICIENCIES:

a. Air pollution	0
b. Water Pollution	0
c. Occupational Safety and Health	0
d. Other Environmental	0

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1. COMPONENT	FY 2012 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AIR FORCE	(computer generated)	

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
CANNON AIR FORCE BASE, NEW MEXICO	ADAL WASTEWATER TREATMENT PLANT

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
27576	831-165	CZQZ133001	7,598

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITIES				6,079
ADDITION TO AEROBIC DIGESTER	LS			(4,764)
CONVERT EXISTING DIGESTER INTO SBR	LS			(1,200)
SDD & EPACT 05	LS			(115)
SUPPORTING FACILITIES				767
UTILITIES	LS			(198)
SITE IMPROVEMENTS	LS			(170)
COMMUNICATIONS SUPPORT	LS			(150)
450 KVA GENERATOR	LS			(220)
RESTORATION OF GROUND HYDROLOGY	LS			(29)
SUBTOTAL				6,845
CONTINGENCY (5.0%)				342
TOTAL CONTRACT COST				7,188
SUPERVISION, INSPECTION AND OVERHEAD (5.7%)				410
TOTAL REQUEST				7,597
TOTAL REQUEST (ROUNDED)				7,598

10. Description of Proposed Construction: Expand the existing wastewater treatment plant (WWTP) to handle a capacity of one million gallons per day with construction of a new 250 thousand gallon (KG) aerobic digester, and the conversion of existing aerobic digester into a sequencing batch reactor (SBR). The new aerobic digester will be constructed to support all SBRs to include new railings, larger blowers, plumbing, and electronic control systems. Project includes upgrade to a larger transformer and emergency generator to support electrical requirements. Upgrades grit and grease collection device and installs a lift station. Constructs concrete channel between lift station and grit and grease device. Fill in flume channel and grease pit to bring up to ground level, and shorten length of auger monster. Fill existing equipment chamber with soil and cover with reinforced concrete to bring equipment up to ground level. Replace actuators on influent, air supply, and decanter valves. Perform project site restoration to restore hydrology to predevelopment conditions per Energy Independence and Security Act, Section 438. This project will comply with DoD antiterrorism/force protection requirements per the Unified Facilities Criteria.

11. Requirement: 1000 KG Adequate: 750 KG Substandard: 0 KG

PROJECT: Add/Alter Wastewater Treatment Plant. (New Mission - Western Basing)

REQUIREMENT: Expand and alter the existing WWTP to accommodate new mission growth. By FY12, multiple new missions will be assigned to Cannon to include two C-130 squadrons, a Remotely Piloted Aircraft (RPA) squadron, one CV-22 squadron, a Non-Standard Aircraft (NSA) squadron, and various other Special Operations Forces personnel along with associated maintenance hangars, aircraft wash racks, squadron operations, administrative facilities, dormitories and housing. The load on the WWTP from base domestic and industrial sources is expected to be 770,000 gallons per day (GPD) with Cannon AFB's end-state total population of 13,221 people due to the AFSOC beddown. However, the capacity must be 20% greater than this to allow for spikes in wastewater flow. This brings the total requirement up to 1 million GPD.

1. COMPONENT AIR FORCE	FY 2012 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
CANNON AIR FORCE BASE, NEW MEXICO	ADAL WASTEWATER TREATMENT PLANT

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
27576	831-165	CZQZ133001	7,598

CURRENT SITUATION: The WWTP is currently sized for Cannon's previous fighter mission and has a capacity of 750,000 GPD. This will be inadequate to treat the amount of effluent that will be generated when the increased number of personnel, equipment and facilities establish increased operations at the installation by FY14. There is an increased risk to human health and safety, and environmental non-compliance if the plant's capacity is not increased. This facility provides treated wastewater for several irrigated areas of Cannon AFB, which reduces the base's annual usage of potable water from on-base wells.

IMPACT IF NOT PROVIDED: The inadequately sized WWTP will not be able to support the base growth and potentially be forced to release untreated wastewater into Playa lake during times of peak flow. This would be a violation of state and federal environmental statutes and could result in enforcement actions against the installation.

ADDITIONAL: This project meets the criteria/scope in Air Force Handbook 32-1084, "Facility Requirements". All known alternative options were considered during the development of this project. No other option could meet the mission requirement, therefore, a certificate of exception to an economic analysis will be prepared. 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. Sustainable principles will be integrated into the design, development, and construction of the project in accordance with Executive Order 13423, 10 USC 2802 (c), and other applicable laws and Executive orders. Base Civil Engineer: Lt Col Dan A. Guinan, (575) 784-2008.

JOINT USE CERTIFICATION: This is an installation utility/infrastructure project, and does not qualify for joint use at this location. However, all tenants on this installation are benefited by this project.

1. COMPONENT	FY 2012 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AIR FORCE	(computer generated)	

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
CANNON AIR FORCE BASE, NEW MEXICO	ADAL WASTEWATER TREATMENT PLANT

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
27576	831-165	CZQZ133001	7,598

12. SUPPLEMENTAL DATA:

a. Estimated Design Data:

(1) Status:

(a) Date Design Started	03-MAY-10
(b) Parametric Cost Estimates used to develop costs	YES
* (c) Percent Complete as of 01 JAN 2011	15%
* (d) Date 35% Designed	16-MAR-11
(e) Date Design Complete	30-SEP-11
(f) Energy Study/Life-Cycle analysis was/will be performed	YES

(2) Basis:

(a) Standard or Definitive Design -	NO
(b) Where Design Was Most Recently Used -	

(3) Total Cost (c) = (a) + (b) or (d) + (e):	($000)
(a) Production of Plans and Specifications	456
(b) All Other Design Costs	228
(c) Total	684
(d) Contract	570
(e) In-house	114

(4) Construction Contract Award	12 JAN
(5) Construction Start	12 MAR
(6) Construction Completion	13 JUL

* Indicates completion of Project Definition with Parametric Cost Estimate which is comparable to traditional 35% design to ensure valid scope, cost and executability.

b. Equipment associated with this project provided from other appropriations:
N/A

1. COMPONENT	FY 2012 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AIR FORCE	(computer generated)	

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
CANNON AIR FORCE BASE, NEW MEXICO	DORMITORY (96 RM)

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
27576	721-312	CZQZ123001	15,000

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITIES				9,526
DORMITORY	SM	3,168	2,945	(9,330)
SDD & EPACT 05	LS			(196)
SUPPORTING FACILITIES				3,482
UTILITIES	LS			(638)
SITE IMPROVEMENTS	LS			(759)
PAVEMENTS	LS			(639)
COMMUNICATIONS	LS			(696)
DEMOLITION	SM	2,404	250	(601)
PASSIVE FORCE PROTECTION MEASURES	LS			(150)
SUBTOTAL				13,008
CONTINGENCY (5.0%)				650
TOTAL CONTRACT COST				13,659
SUPERVISION, INSPECTION AND OVERHEAD (5.7%)				779
DESIGN/BUILD - DESIGN COST (4.0% OF SUBTOTAL)				520
TOTAL REQUEST				14,958
TOTAL REQUEST (ROUNDED)				15,000)
EQUIPMENT FROM OTHER APPROPRIATIONS (NON-ADD)				(790

10. Description of Proposed Construction: Construct a three-story, four-plex dormitory with 96 rooms, reinforced concrete foundation, steel frame, and reinforced concrete walls and floors. The exterior finish will consist of split-face concrete masonry unit (CMU) walls and standing-seam metal roof. The project includes all utilities, pavements, site improvements, landscaping, paved parking lot, and all required facility support. Project also includes demolition of one existing facility (2,404 SM). This project will comply with DoD antiterrorism/force protection requirements per the Unified Facilities Criteria.

Air Conditioning: 150 Tons Grade Mix: E1-E4 96

11. Requirement: 814 RM Adequate: 166 RM Substandard: 618 RM

PROJECT: Construct a 96-person dormitory. (New Mission - Western Basing)

REQUIREMENT: Meet new requirements for beddown of Special Operations Forces (SOF). By FY11, multiple new missions will be assigned to Cannon to include two MC-130 squadrons, one AC-130 squadron, two Remotely Piloted Aircraft (RPA) squadrons, one CV-22 squadron, two Non-Standard Aircraft (NSA) squadrons, one intelligence squadron, one flying training squadron, and various other SOF personnel. The base unaccompanied enlisted personnel (UEP) housing requirement is currently 671 rooms, but based on manpower projections through FY15, there is a deficit of 155 rooms. This project will help alleviate the shortage and inadequacy of single Airmen living quarters. Properly designed and furnished quarters providing individual privacy conducive to proper rest, relaxation and personal well being of Airmen is essential to the successful accomplishment of the Special Operations mission.

CURRENT SITUATION: Due to BRAC, Cannon dorms were put on hold for all renovation and replacement from FY05 until FY09. As a result all existing dorms are in need

1. COMPONENT AIR FORCE	FY 2012 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
CANNON AIR FORCE BASE, NEW MEXICO	DORMITORY (96 RM)

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
27576	721-312	CZQZ123001	15,000

of renovation and infrastructure upgrades or replacement. Cannon's existing seven dormitories do not meet the "Dorm-4-Airmen" four-plex configuration standard and the Dorm Master Plan recommends a final disposition of all dorms at Cannon as "Demolition-Replace." Of greatest concern are the two oldest inadequate but habitable dorms which are 42 and 50 years old and classified as Tier 2 facilities. These facilities are approaching the "uninhabitable" rating of 1.0 with current low condition assessment matrix (CAM) scores of 1.65 out of 5.0. These dormitories need to be replaced immediately. Additionally, the special operations missions currently bedding down create an overall deficit of dormitory rooms. Due to limited capacity, double occupancy is required in two dorms and 100+ personnel eligible to live in the dorms are currently living off base. A shortage of 155 dormitory rooms is forecasted through FY15 based on projected manning levels (anticipated mission growth versus currently programmed manning). As a result, the end state requirement will be 711 rooms, a 40-person increase from the programmed 671 capacity requirement.

IMPACT IF NOT PROVIDED: The dormitory deficit will force either increased occupancy (return to 2+2 configuration or greater) of existing dorms, or force younger, single Airmen to live in off-base housing which is substandard for the most part and exceeds current Basic Allowance for Housing rates. The majority of housing with affordable rent is typically in areas that are less safe and secure than desirable. Additionally, these single Airmen will compete for housing in an already limited market impacting military families seeking off base housing. These conditions reduce the quality of life for Airmen and can potentially affect their mission ability. Degradation of existing dormitories will increase, continuing the increase of dormitory shortages. A major AF objective is to provide unaccompanied Airmen with housing conducive to proper rest, relaxation, and personal well being. Highly trained and competent Airmen are essential to the Special Operations readiness posture and continuing world-wide presence. Highly technical demanding jobs, coupled with the high-ops tempo of the unique AF Special Operations mission, carries increased stress for young single Airmen and inadequacies in dwellings can negatively impact retention.

ADDITIONAL: This project meets the criteria/scope in the AF Handbook 32-1084, Facility Requirements, the Dorm-4-Airmen Design Guide, the AF Dorm Master Plan and the Cannon AFB General Plan. A preliminary analysis of reasonable options for accomplishing this project (status quo, renovation, new construction) was done. It indicates there is only one option that will meet operational requirements. Because of this, a full economic analysis was not performed. A certificate of exception is being prepared. Sustainable principles, to include life cycle cost-effective practices, will be integrated into the design, development, and construction of the project in accordance with Executive Order 13423, 10 USC 2802 (c) and other applicable laws and Executive orders. FY2009 Unaccompanied Housing RPM conducted: $4.4M. FY2010 Unaccompanied Housing RPM conducted: $4.2M. Future Unaccompanied Housing RPM planned: $6.2M. Base Civil Engineer: Lt Col Anne M Coverston; Phone: (575) 784-2008. Dormitory (96 RM): 3168 SM = 34,088 SF.

JOINT USE CERTIFICATION: This facility can be used by other components on an "as available" basis; however, the scope of the project is based on Air Force requirements.

1. COMPONENT AIR FORCE	FY 2012 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
CANNON AIR FORCE BASE, NEW MEXICO	DORMITORY (96 RM)

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
27576	721-312	CZQZ123001	15,000

12. SUPPLEMENTAL DATA:

a. Estimated Design Data:

(1) Project to be accomplished by design-build procedures

(2) Basis:

(a) Standard or Definitive Design - NO

(b) Where Design Was Most Recently Used -

(3) All Other Design Costs 600

(4) Construction Contract Award 12 FEB

(5) Construction Start 12 MAR

(6) Construction Completion 13 NOV

(7) Energy Study/Life-Cycle analysis was/will be performed YES

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

EQUIPMENT NOMENCLATURE	PROCURING APPROPRIATION	FISCAL YEAR APPROPRIATED OR REQUESTED	COST ($000)
FURNISHINGS	3400	2013	630
COMMUNICATIONS EQUIPMENT	3080	2013	160

1. COMPONENT AIR FORCE	**FY 2012 MILITARY CONSTRUCTION PROGRAM**	2. DATE
3. INSTALLATION AND LOCATION HOLLOMAN AIR FORCE BASE, NEW MEXICO	4. COMMAND: AIR COMBAT COMMAND	5. AREA CONST COST INDEX 0.96

6. Personnel Strength	PERMANENT			STUDENTS			SUPPORTED			TOTAL
	OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV	
AS OF 30 SEP 10	437	3554	1925	8	4	0	1	10	86	6,025
END FY 2015	395	3411	1829	8	4	0	1	10	86	5,744

7. INVENTORY DATA ($000)

a. Total Acreage: 57,837	
b. Inventory Total as of : (30 Sep 10)	2,524,621
c. Authorization Not Yet in Inventory:	105,870
d. Authorization Requested in this Program:	29,200
e. Planned in Next Four Years Program:	57,000
f. Remaining Deficiency:	44,600
g. Grand Total:	2,761,291

8. PROJECTS REQUESTED IN THIS PROGRAM: (FY 2012)

CATEGORY CODE	PROJECT TITLE	SCOPE		COST $,000	DESIGN START	STATUS CMPL
112-211	F-16 Parallel Taxiway 07/25	39,000	SM	8,000	Design	Build
171-211	F-16 Academic Facility	1,391	SM	5,800	Design	Build
171-621	F-16 SEAD Training Facility	831	SM	4,200	Design	Build
740-884	Child Development Center	2,700	SM	11,200	Design	Build
		Total		29,200		

9a. Future Projects: Typical Planned Next Four Years:

311-171	Rams Indoor Target Flip Facility	14,200
319-951	ADAL Fabrication Shop	7,800
442-758	BEAR Set Asset Storage Facility	15,500
721-312	Dormitory (168 RM)	19,500
		57,000

9b. Real Property Maintenance Backlog This Installation: ($M) 120

10. Mission or Major Functions: Air Combat Command; a fighter wing with F-22A squadrons, one German F-4 training squadron, a major command training squadron, a weapons testing and evaluation wing, and the war reserve material bare base support group.

11. Outstanding Pollution and Safety (OSHA Deficiencies):

a. Air Pollution	0
b. Water Pollution	0
c. Occupational Safety and Health	0
d. Other Environmental	0

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1. COMPONENT	FY 2012 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AIR FORCE	(computer generated)	

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
HOLLOMAN AIR FORCE BASE, NEW MEXICO	CHILD DEVELOPMENT CENTER

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
27576	740-884	KWRD013003	11,200

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITIES				6,962
CHILD DEVELOPMENT CENTER	SM	2,795	2,442	(6,825)
SDD & EPACT05	LS			(137)
SUPPORTING FACILITIES				2,858
UTILITIES	LS			(200)
PAVEMENTS	LS			(596)
SITE IMPROVEMENTS	LS			(780)
COMMUNICATIONS SUPPORT	LS			(782)
PLAYGROUND EQUIPMENT	LS			(500)
SUBTOTAL				9,820
CONTINGENCY (5.0%)				491
TOTAL CONTRACT COST				10,311
SUPERVISION, INSPECTION AND OVERHEAD (5.7%)				588
DESIGN/BUILD - DESIGN COST (4.0% OF SUBTOTAL)				393
TOTAL REQUEST				11,291
TOTAL REQUEST (ROUNDED)				11,200)
EQUIPMENT FROM OTHER APPROPRIATIONS (NON-ADD)				(1,675

10. Description of Proposed Construction: Concrete footing and floor slab, masonry walls, standing seam metal roof, utilities, fire detection/protection, fencing, communication support, parking, pick-up/drop-off area, access road, site improvements, landscaping, outdoor play area, and all other necessary support. This project will comply with DoD antiterrorism/force protection requirements per Unified Facilities Criteria.

Air Conditioning: 85 Tons

11. Requirement: 3768 SM Adequate: 1068 SM Substandard: 702 SM

PROJECT: Child Development Center. (Current Mission)

REQUIREMENT: An adequately sized and configured Child Development Center is required to provide day care services for active duty dependent children. It must provide a safe and healthy environment that includes early childhood development and preschool programs. Child Development Center space is requred for 194 children.

CURRENT SITUATION: Child care programs are currently provided from three geographically separated facilities that are aging and too small to meet the needs of parents and provide the required services. The waiting list for enrollment in the Child Development Center is over 80 children. The substandard facilities are filled to capacity early each morning, requiring parents in need of child care to find other providers in the civilian community at more costly rates. An Emergency-Intervention "Add/Alter" project was awarded in Sep 09 to renovate and increase the capacity of one existing facility. All children were relocated from the existing facility to alternate youth program facilities for the duration of the construction, further restricting available on-base care options. After construction began in Mar 10, a previously unknown underground storage tank (UST) with heating fuel oil contaminated soil were discovered under both the existing

1. COMPONENT AIR FORCE	FY 2012 MILITARY CONSTRUCTION PROJECT DATA (computer generated)		2. DATE
3. INSTALLATION AND LOCATION HOLLOMAN AIR FORCE BASE, NEW MEXICO		4. PROJECT TITLE CHILD DEVELOPMENT CENTER	
5. PROGRAM ELEMENT 27576	6. CATEGORY CODE 740-884	7. PROJECT NUMBER KWRD013003	8. PROJECT COST ($000) 11,200

facility and the new addition under construction. After consulation with State of New Mexico environmental regulators, the Air Force Center for Engineering and the Environment and Air Combat Command Asset Management personnel, the Add/Alter project was cancelled. Due to the levels of contamination it was determined that child care could no longer take place in the existing facility and the facility was scheduled for demolition in conjunction with the environmental remediation of the site. This project will consolidate child care services at one location, eliminate the current temporary care arrangements, eliminate the waiting list, and better meet child care needs of Holloman AFB personnel.

IMPACT IF NOT PROVIDED: Holloman personnel who require child care will continue to seek other than on-base options. This situation is aggravated by the reduced capacity caused by the now cancelled emergency intervention project and is especially acute during exercises when off-base child care services are not available during extended duty hours. Lack of available child care on-base will continue to have an impact on morale and mission performance when service members' children cannot be cared for.

ADDITIONAL: This project meets the criteria/scope specified in Air Force Handbook 32-1084, "Facility Requirements" and the Air Force design guide for Child Development Centers. A preliminary analysis of reasonable options for accomplishing this project (status quo, renovation, new construction) was done. It indicates there is only one option that will meet operational requirements, new construction. A certificate of exception has been prepared. Sustainable principles, to include Life Cycle cost-effective practices, will be integrated into the design, development and construction of this project in accordance with Executive Order 13423, 10 USC 2802 (c) and other applicable laws and Executive orders. Base Civil Engineer: Lt Col Christian J. Knutson, (575) 572-3071; (Child Development Center: 2,795 SM = 30,085 SF)

JOINT USE CERTIFICATION: Mission requirements, operational considerations, and location are compatible with use by other components; however, it is fully funded by the Air Force.

1. COMPONENT AIR FORCE	FY 2012 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
HOLLOMAN AIR FORCE BASE, NEW MEXICO	CHILD DEVELOPMENT CENTER

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
27576	740-884	KWRD013003	11,200

12. SUPPLEMENTAL DATA:

a. Estimated Design Data:

(1) Project to be accomplished by design-build procedures

(2) Basis:

(a) Standard or Definitive Design - NO

(b) Where Design Was Most Recently Used -

(3) All Other Design Costs 448

(4) Construction Contract Award 12 FEB

(5) Construction Start 12 MAR

(6) Construction Completion 13 SEP

(7) Energy Study/Life-Cycle analysis was/will be performed YES

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

EQUIPMENT NOMENCLATURE	PROCURING APPROPRIATION	FISCAL YEAR APPROPRIATED OR REQUESTED	COST ($000)
EQUIPMENT (KITCHEN, ETC)	3400	2013	1,675

1. COMPONENT	FY 2012 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AIR FORCE	(computer generated)	

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
HOLLOMAN AIR FORCE BASE, NEW MEXICO	F-16 ACADEMIC FACILITY

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
27597	171-211	KWRD113005	5,800

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITIES				3,715
FLYING TRAINING CLASSROOM	SM	1,391	2,618	(3,642)
SSD & EP ACT 2005	LS			(73)
SUPPORTING FACILITIES				1,396
PAVEMENTS	LS			(390)
UTILITIES	LS			(340)
SITE IMPROVEMENTS	LS			(130)
COMMUNICATIONS	LS			(250)
NEW MEXICO GROSS RECEIPTS TAX	LS			(286)
SUBTOTAL				5,111
CONTINGENCY (5.0%)				256
TOTAL CONTRACT COST				5,367
SUPERVISION, INSPECTION AND OVERHEAD (5.7%)				306
DESIGN/BUILD - DESIGN COST (4.0% OF SUBTOTAL)				204
TOTAL REQUEST				5,877
TOTAL REQUEST (ROUNDED)				5,800)
EQUIPMENT FROM OTHER APPROPRIATIONS (NON-ADD)				(550

10. Description of Proposed Construction: Construct a single story sprinkler-equipped facility consisting of a concrete foundation, tilt-up construction (split-faced concrete block over steel frame), and sloped standing seam metal roof along with site improvements. Functional areas include training classrooms, administrative support space, general storage, mechanical, electric equipment and communications, fire protection, utilities, and parking. Project will meet minimum AT/FP requirements per the DoD Unified Facility Criteria.

11. Requirement: 1391 SM Adequate: 0 SM Substandard: 0 SM

PROJECT: Construct new F-16 Academic Training Facility. (New Mission)

REQUIREMENT: An Academic Facility is required to beddown the F-16 aircraft scheduled for arrival beginning in Oct 2011. This facility will provide academic training for 2 flying squadrons. It contains pilot academic training classrooms and computer based trainers, as well as administrative/operations, instructor, and personnel. Training will be accomplished using instructor-led classroom activities, independent study via interactive courseware training devices, and other courseware.

CURRENT SITUATION: Holloman AFB does not have facilities with required security and space available to support the training mission for the F-16.

IMPACT IF NOT PROVIDED: Without this project, the F-16 beddown will disjointed. Because of lack of suitable space, training will have to be conducted in trailers, complicating and adversely effecting training. As portions of the training are classified, classified-capable trailers will have to be obtained. Trailers are not an effective or efficient long-term solution for this requirement.

ADDITIONAL: Facility is based on AFH 32-1084, "Facility Requirements" for a flying training classroom; the specific requirements are determined by number of classrooms, students, and administrative personnel. A Certificate of Exception for

1. COMPONENT AIR FORCE	FY 2012 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
HOLLOMAN AIR FORCE BASE, NEW MEXICO	F-16 ACADEMIC FACILITY

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
27597	171-211	KWRD113005	5,800

Economic Analysis will be prepared. Project includes the New Mexico Gross Receipt Tax of 5.9375% for the Holloman AFB area. Sustainable principles, to include life cycle cost-effective practices, will be integrated into the design, development, and construction of the project in IAW Executive Order 13423, 10 U.S.C 2802 (c), and other applicable laws and executive order. Base Civil Engineer: Lt Col Derby, Comm (575)572-3071. Flying Training Classroom Facility:1,391SM = 15,000SF.

JOINT USE CERTIFICATION: The facility can be used by other components on an as available basis; however, the scope of the project is based on Air Force requirements.

1. COMPONENT AIR FORCE	FY 2012 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
HOLLOMAN AIR FORCE BASE, NEW MEXICO	F-16 ACADEMIC FACILITY

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
27597	171-211	KWRD113005	5,800

12. SUPPLEMENTAL DATA:

a. Estimated Design Data:

(1) Project to be accomplished by design-build procedures

(2) Basis:

(a) Standard or Definitive Design - NO

(b) Where Design Was Most Recently Used -

(3) All Other Design Costs 232

(4) Construction Contract Award 12 FEB

(5) Construction Start 12 APR

(6) Construction Completion 13 OCT

(7) Energy Study/Life-Cycle analysis was/will be performed YES

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

EQUIPMENT NOMENCLATURE	PROCURING APPROPRIATION	FISCAL YEAR APPROPRIATED OR REQUESTED	COST ($000)
FURN, FIXTURES, EQUIP	3400	2011	550

1. COMPONENT	FY 2012 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AIR FORCE	(computer generated)	

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
HOLLOMAN AIR FORCE BASE, NEW MEXICO	F-16 PARALLEL TAXIWAY, RWY 07/25

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
27597	112-211	KWRD083007	8,000

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITIES				6,045
TAXIWAY	SM	33,000	165	(5,445)
SHOULDERS	SM	6,000	100	(600)
SUPPORTING FACILITIES				1,140
TAXIWAY LIGHTING	LS			(832)
STRIPING	LS			(308)
SUBTOTAL				7,185
CONTINGENCY (5.0%)				359
TOTAL CONTRACT COST				7,544
SUPERVISION, INSPECTION AND OVERHEAD (5.7%)				430
TOTAL REQUEST				7,974
TOTAL REQUEST (ROUNDED)				8,000

10. Description of Proposed Construction: Construct a taxiway parallel to Runway 07/25 extending from the existing Taxiway F eastward to intersect with the new taxiway being constructed as part of the FY10 UAS beddown. Construction will consist of 16" airfield rated concrete and all required lighting, signage and striping is to be installed. This project will meet antiterrorism and force protection requirements per Unified Facilities Criteria.

11. Requirement: 552117 SM Adequate: 468617 SM Substandard: 0 SM

PROJECT: Parallel Taxiway, Rwy 07/25 (New Mission)

REQUIREMENT: F-22A and F-16 aircraft are highly susceptible to foreign object damage (FOD). Due to the high expenses involved to correct the damage and related safety concerns, aircraft operations require pavements to be as FOD-free as possible.

CURRENT SITUATION: Assigned aircraft are operating from the West Ramp and departing/arriving on Runway 16/34. Existing taxiways require an aircraft to use Taxiway H in order to return to the West Ramp for post-flight procedures and storage. A public street crosses Taxiway H west of the entrance to the West Ramp aircraft parking area. This street crossing is prone to generating FOD producing material due to the amount of government and personal vehicles crossing the taxiway daily. Bong Street is the only access to the majority of the aircraft maintenance facilities and cannot be relocated. Construction of a parallel taxiway will connect to Taxiway D and avoid Taxiway H entirely.

IMPACT IF NOT PROVIDED: If this project is not executed, all aircraft operations will remain susceptible to FOD damage. The cost of a F-22 engine is over $6M, and $3M for the F-16. A sincle FOD incident can render an engine useless without major repairs. Other installations operating the Raptor have already experienced severe FOD incidents. A project costing approximatelyr the price of one single F-22A engine pays for itself in short order. Construction of the parallel taxiway also shortens the taxi time and distance by more than half, resulting in a savings in fuel. Reduction in taxi time also lessens the problems of aircraft overheating in the high summer temperatures experienced at Holloman AFB.

ADDITIONAL: This project meets the criteria/scope specified in Air Force Handbook 32-1084, "Facility Requirements". A preliminary analysis of alternative actions has

1. COMPONENT AIR FORCE	FY 2012 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
HOLLOMAN AIR FORCE BASE, NEW MEXICO	F-16 PARALLEL TAXIWAY, RWY 07/25

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
27597	112-211	KWRD083007	8,000

been conducted. It indicates that only one option meets operational needs. A certificate of exception has been prepared. Sustainable principles, to include Life Cycle cost-effective practices, will be integrated into the design, development and construction of the project in accordance with Executive Order 13423, 10 USC 2802(c) and other applicable laws and Executive orders. Base Civil Eningeer: Christian J. Knutson, Lt Col, USAF (575) 572-3071. (Taxiway 33,000 SM = 355,209 SF; Taxiway Shoulders: 6,000 SM = 64,583 SF)

JOINT USE CERTIFICATION: Mission requirements, operational considerations and location are incompatible with use by other components.

1. COMPONENT AIR FORCE	FY 2012 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
HOLLOMAN AIR FORCE BASE, NEW MEXICO	F-16 PARALLEL TAXIWAY, RWY 07/25

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
27597	112-211	KWRD083007	8,000

12. SUPPLEMENTAL DATA:

a. Estimated Design Data:

(1) Project to be accomplished by design-build procedures

(2) Basis:

(a) Standard or Definitive Design - NO

(b) Where Design Was Most Recently Used -

(3) All Other Design Costs 240

(4) Construction Contract Award 12 FEB

(5) Construction Start 12 APR

(6) Construction Completion 13 OCT

(7) Energy Study/Life-Cycle analysis was/will be performed YES

b. Equipment associated with this project provided from other appropriations:
N/A

1. COMPONENT	FY 2012 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AIR FORCE	(computer generated)	

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
HOLLOMAN AIR FORCE BASE, NEW MEXICO	F-16 SEAD TRAINING FACILITY

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
27597	171-621	KWRD113010	4,200

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITIES				2,629
TECH TNG CLASSROOM	SM	831	3,100	(2,576)
SDD & EPACT 05	LS			(53)
SUPPORTING FACILITIES				967
UTILITIES	LS			(210)
SITE IMPROVEMENTS	LS			(79)
PAVEMENTS	LS			(237)
COMMUNICATIONS	LS			(230)
NEW MEXICO GROSS RECEIPTS TAX	LS			(211)
SUBTOTAL				3,595
CONTINGENCY (5.0%)				180
TOTAL CONTRACT COST				3,775
SUPERVISION, INSPECTION AND OVERHEAD (5.7%)				215
DESIGN/BUILD - DESIGN COST (4.0% OF SUBTOTAL)				144
TOTAL REQUEST				4,134
TOTAL REQUEST (ROUNDED)				4,200)
EQUIPMENT FROM OTHER APPROPRIATIONS (NON-ADD)				(235

10. Description of Proposed Construction: Single story sprinkler equipped facility consisting of a concrete foundation, split-faced concrete block over steel frame, and sloped standing seam metal roof along with site improvements. Functional areas include classrooms, training laboratories, administrative space, general storage, mechanical, electric equipment, communications, fire protection, utilities, and parking. Building will be constructed to JFAN 6/9 standard for security, an intrusion detection system and access control system. Project will meet minimum antiterrorism/force protection requirements per the DoD Unified Facility Critertia.

11. Requirement: 831 SM Adequate: 0 SM Substandard: 0 SM

PROJECT: Construct new SEAD (Supression of Enemy Air Defense) training facility. (New Mission)

REQUIREMENT: A SEAD training facility is required to beddown the F-16 aircraft scheduled for arrival beginning in Oct 2011. This facility will provide academic training for the SEAD mission. It contains pilot academic training classrooms and computer based trainers, as well as administrative/operations, instructor and personnel.

CURRENT SITUATION: Holloman AFB does not have facilities with required security and space available to support this AETC training mission for the F-16.

IMPACT IF NOT PROVIDED: Without this faciltiy, the F-16 beddown will be disjointed and SEAD training will not occur as part of the follow-on training for the F-16.

ADDITIONAL: Facility is based on AFH 32-1084, "Facility Requirements" for an academic facility. A Certificate of Exception for the Economic Analysis will be prepared. Project includes the New Mexico Gross Receipt Tax of 5.9375% for the Holloman AFB area. Sustainable principles, to include life cycle cost-effective practices, will be integrated into the design, development, and construction of the

1. COMPONENT AIR FORCE	FY 2012 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
HOLLOMAN AIR FORCE BASE, NEW MEXICO	F-16 SEAD TRAINING FACILITY

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
27597	171-621	KWRD113010	4,200

project IAW Executive Order 13423, 10 U.S.C 2802 (c), and other applicable laws and executive orders. Base Civil Engineer: Lt Col Christian Knutson, comm (575) 572-3071. SEAD Training Facility: 831 SM = 8,942 SF.

JOINT USE CERTIFICATION: This facility can be used by other components on an "as available" basis; however, the scope of the project is based on Air Force requirements.

1. COMPONENT AIR FORCE	FY 2012 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
HOLLOMAN AIR FORCE BASE, NEW MEXICO	F-16 SEAD TRAINING FACILITY

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
27597	171-621	KWRD113010	4,200

12. SUPPLEMENTAL DATA:

a. Estimated Design Data:

(1) Project to be accomplished by design-build procedures

(2) Basis:

(a) Standard or Definitive Design - NO

(b) Where Design Was Most Recently Used -

(3) All Other Design Costs 168

(4) Construction Contract Award 12 FEB

(5) Construction Start 12 APR

(6) Construction Completion 13 MAR

(7) Energy Study/Life-Cycle analysis was/will be performed YES

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

EQUIPMENT NOMENCLATURE	PROCURING APPROPRIATION	FISCAL YEAR APPROPRIATED OR REQUESTED	COST ($000)
COMM	3080	2012	235

1. COMPONENT AIR FORCE	**FY 2012 MILITARY CONSTRUCTION PROGRAM**	2. DATE

INSTALLATION AND LOCATION	COMMAND:	5. AREA CONST COST INDEX
KIRTLAND AFB NEW MEXICO	AIR FORCE MATERIAL COMMAND	1.01

6. PERSONNEL	PERMANENT			STUDENTS			SUPPORTED			
STRENGTH	OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV	TOTAL
AS OF 30 SEP 10	343	1000	1415	110	150	0	593	2044	668	6,323
END FY 2015	385	1126	1567	110	150	0	483	1129	473	5,423

7. INVENTORY DATA ($000)

Total Acreage: 52,678	
Inventory (PRV $000) total as of : (30 Sep 10)	2,960,559
Authorization Not Yet in Inventory:	40,079
Authorization Requested in this Program ($000):	25,000
Planned in Next Four Years Program:	205,453
Remaining Deficiency:	566,133
Grand Total:	3,797,224

8. PROJECTS REQUESTED IN THIS PROGRAM: (FY 2012)

CATEGORY CODE	PROJECT TITLE	SCOPE		COST $,000	DESIGN START	STATUS CMPL
610-281	AFNWC Sustainment Center	5,310	SM	$25,000	Design Build	
		Total		$25,000		

9a. Future Projects: Typical Planned Next Four Years:

116-662	Construct Hot Cargo Pad	$14,600
130-142	Crash/Fire/Rescue Station	$7,800
141-753	550th Operations Facility	$12,900
141-764	DMOC Addition	$8,900
171-214	PJ/CRO Aquatics Rescue/Recovery Training Center	$15,000
721-312	Dormitory (120 RM)	$27,300
721-312	Dormitory (120 RM)	$22,500
721-312	Dormitory (120 RM)	$23,000
724-417	Visiting Officers Quarters	$9,500
730-142	Replace Fire Station 3	$6,800
730-841	Military Working Dog Facility	$4,400
740-674	Fitness Center	$32,803
740-884	Child Development Center	$19,950
		$205,453

9b. Real Propery Maintenance Backlog This Installation: ($M) 256.6

10. Mission or Major Functions: The 377th Air Base Wing is the host organization at Kirtland AFB. It was activated under Air Force Material Command on 1 January 1993 and became part of the Nuclear Weapons Center on 31 March 2006. The Wing operates and maintains the Air Force's sixth largest base and an AF/VA joint medical facility. The Wing provides worldwide readiness, security and support for AF Operational Test and Evaluation Center, AF Safety Center, AF Inspection Agency, two AF Research Lab directorates, Defense Threat Reduction Agency, Department of Energy and Sandia National Laboratories.

11. Outstanding pollution and Safety (OSHA Deficiencies):

a. Air pollution	0
b. Water Pollution	0
c. Occupational Safety and Health	0
d. Other Environmental	0

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1. COMPONENT	FY 2012 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AIR FORCE	(computer generated)	

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
KIRTLAND AIR FORCE BASE, NEW MEXICO	AFNWC SUSTAINMENT CENTER

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
72976	610-281	MHMV093108	25,000

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITIES				16,790
AFNWC SUSTAINMENT CENTER	SM	5,310	3,100	(16,461)
SDD EPACT05	LS			(329)
SUPPORTING FACILITIES				4,951
UTILITIES	LS			(1,200)
PAVEMENTS	LS			(790)
SITE IMPROVEMENTS	LS			(1,355)
COMMUNICATIONS SUPPORT	LS			(1,420)
BUILDING DEMOLITION	SM	333	560	(186)
SUBTOTAL				21,741
CONTINGENCY (5.0%)				1,087
TOTAL CONTRACT COST				22,829
SUPERVISION, INSPECTION AND OVERHEAD (5.7%)				1,301
DESIGN/BUILD - DESIGN COST (4.0% OF SUBTOTAL)				870
TOTAL REQUEST				24,999
TOTAL REQUEST (ROUNDED)				25,000)
EQUIPMENT FROM OTHER APPROPRIATIONS (NON-ADD)				(8,600

10. Description of Proposed Construction: Three-story steel-framed structure built as a Sensitive Compartmented Information Facility (SCIF) addition to the existing Air Force Nuclear Weapons Center (AFNWC) building 20325. Facility will include reinforced concrete foundation and floors, exterior walls, and appearance to match the existing building. Electrical, mechanical, plumbing, HVAC, fire protection systems, elevator, all utilities, communications infrastructure to the building and extensive secure communications systems. Includes site improvements, landscaping, and parking for 150 POV. Demolishes 333 SM. This project will comply with DoD antiterrorism/force protection requirements per unified facilities criteria.

Air Conditioning: 100 Tons

11. Requirement: 17175 SM Adequate: 4937 SM Substandard: 9000 SM

PROJECT: AFNWC Sustainment Center. (New Mission)

REQUIREMENT: Construct a highly flexible Sustainment Center (hereafter, the CENTER) to support the end state total of 420 personnel in the new facility. This project will consolidate Headquarters Air Force Nuclear Weapons Center (HQ AFNWC) personnel into one location for increased efficiency and effective/timely communication. The CENTER the Sustainment & Integration Center and is responsible for 24/7/365 operations to track/monitor Positive Inventory Control (PIC) of all Air Force Nuclear Weapons Related Materiel; the STIC portion of the CENTER will have extensive state-of-the-art electronic information systems and graphical displays to meet PIC requirements. The CENTER will be an addition to the present HQ AFNWC to unite the entire organization and maximize synergy among all its components. In FY09, HQ USAF directed the AFNWC to assume responsibility for all CONUS-based nuclear weapons under the custody of the Munitions Accountable Systems Officer (MASO) and responsibility for MAJCOM-level functional management of CONUS

1. COMPONENT AIR FORCE	FY 2012 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
KIRTLAND AIR FORCE BASE, NEW MEXICO	AFNWC SUSTAINMENT CENTER

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
72976	610-281	MHMV093108	25,000

2W2s, nuclear cruise missile 2M0s, and nuclear-tracked 21Ms (warhead). Therefore, the mission of the AFNWC has greatly expanded to provide complete control over the entire strategic sustainment supply chain.

CURRENT SITUATION: By FY14, AFNWC will reach its end-state staff of 420 personnel. The existing HQ AFNWC facility can hold only 165 personnel leaving HQ AFNWC short of space for 255 personnel, a requirement which exceeds the capacity of available space at Kirtland AFB. Because Kirtland does not have the facility capacity to meet AFNWC's total staff and STIC requirements, AFNWC is required to exercise alternative temporary facility options as well as delay filling critical mission positions. Due to the high classification of AFNWC workload and communications, work spaces must meet security requirements for classified open storage and classified networks. Most temporary facility options cannot satisfy these stringent security requirements without enormous expense. In addition, AFNWC pursued leased space off-base, but none exist that meet the stringent AT/FP requirements. In addition, the STIC, which must maintain direct communication (both secure and nonsecure) with key DoD and DOE leadership command centers and organizations, and provide state-of-the-art capabilities for immediate control, response, and crisis management, is currently operating out of shared space in the 377th Air Base Wing headquarters facility. Currently 18 STIC personnel in two shifts are working in a temporary 400 SF control center. This space is too small to support the 48 person end-state manning.

IMPACT IF NOT PROVIDED: Facility resources at Kirtland have been canvassed and existing facilities are fully utilized. There are only a few scattered spaces and they cannot accommodate the high security environment and specialized facilities the STIC and HQ AFNWC require. Without this project, the HQ AFNWC and the STIC will not have the facilities needed to perform their missions. They will continue to have deficient facilities and a scattered organization with degraded communications among components. Significant productivity loss (of up to 60% based on a recent study) will also result due to decreased communication, collaboration, and synergy from non-adjacencies. As evidenced by the results of a recent nuclear surety inspection, deficient communication is negatively impacting AFNWC's ability to provide crucial technical and logistical expertise to preserve the reliability of the Nation's strategic stockpile.

ADDITIONAL: This project meets applicable criteria/scope specified in Air Force Handbook 32-1084, "Facility Requirements." All known alternative options were considered during development of this project. No other option could meet mission requirements; therefore, no economic analysis was needed or performed. A certificate of exception has been approved. Sustainable principles shall be integrated into the design, development, and construction of this project in accordance with Executive Order 13423, 10 USC 2802 (c) and other applicable laws and Executive Orders. This project is the first phase of a two phase project. Phase two supports the facility requirements for the 498th Nuclear Surety Wing. Base Civil Engineer: Mr. D. Brent Wilson, P.E. (505) 846-7911. AFNWC Sustainment Center: 5310 SM = 57,150 SF.

JOINT USE CERTIFICATION: This facility can be used by other components on an "as available" basis; however, the scope of the project is based on Air Force requirements.

1. COMPONENT AIR FORCE	FY 2012 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
KIRTLAND AIR FORCE BASE, NEW MEXICO	AFNWC SUSTAINMENT CENTER

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
72976	610-281	MHMV093108	25,000

12. SUPPLEMENTAL DATA:

a. Estimated Design Data:

(1) Project to be accomplished by design-build procedures

(2) Basis:

(a) Standard or Definitive Design - NO

(b) Where Design Was Most Recently Used -

(3) All Other Design Costs 1,000

(4) Construction Contract Award 12 JAN

(5) Construction Start 12 MAR

(6) Construction Completion 14 MAR

(7) Energy Study/Life-Cycle analysis was/will be performed YES

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

EQUIPMENT NOMENCLATURE	PROCURING APPROPRIATION	FISCAL YEAR APPROPRIATED OR REQUESTED	COST ($000)
FURNITURE & EQUIPMENT	3040	2013	5,000
COMMUNICATIONS EQUIPMENT	3080	2013	3,600

1. COMPONENT AIR FORCE	**FY 2012 MILITARY CONSTRUCTION PROGRAM**	2. DATE

INSTALLATION AND LOCATION	COMMAND:	5. AREA CONST COST INDEX
POPE ARMY AIR FIELD, FORT BRAGG NORTH CAROLINA	AIR MOBILITY COMMAND	0.93

6. Personnel Strength	PERMANENT			STUDENTS			SUPPORTED			
	OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV	TOTAL
AS OF 30 SEP 10	249	2,098	316							2,663
END FY 2015	149	1,037	93							1,279

7. INVENTORY DATA ($000)

Total Acreage:	1,611	
Inventory Total as of : (30 Sep 10)		1,300,000
Authorization Not Yet in Inventory:		9,000
Authorization Requested in this Program:		6,000
Planned in Next Four Years Program:		7,100
Remaining Deficiency:		117,800
Grand Total:		1,439,900

8. PROJECTS REQUESTED IN THIS PROGRAM: (FY2012)

CATEGORY CODE	PROJECT TITLE	SCOPE		COST $,000	DESIGN START	STATUS CMPL
171-212	C-130 Flight Simulator	900	SM	$6,000	Apr 10	Sep 11
		Total		$6,000		

9a. Future Projects: Typical Planned Next Four Years:

141-454	Special Tactics Operations Facility		$7,100
		Total	$7,100

9b. Real Propery Maintenance Backlog This Installation; ($M) 70

10. Mission or Major Functions: An airlift wing with five C-130 squadrons conducting operations and training--the only DoD C-130 training base; an Air Mobility Command airlift group with C-130 aircraft; an ANG C-130 airlift wing; and an AFRC aerial port squadron.

11. Outstanding pollution and Safety (OSHA Deficiencies:

a. Air pollution	0
b. Water Pollution	0
c. Occupational Safety and Health	0
d. Other Environmental	0

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1. COMPONENT	FY 2012 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AIR FORCE	(computer generated)	

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
POPE AIR FORCE BASE, NORTH CAROLINA	C-130 FLIGHT SIMULATOR

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
41115	171-212	TMKH083003	6,000

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITIES				3,976
C-130 FLIGHT SIMULATOR	SM	900	4,331	(3,898)
SDD & EPACT 05	LS			(78)
SUPPORTING FACILITIES				1,473
SITE IMPROVEMENTS	LS			(52)
UTILITIES	LS			(256)
PAVEMENTS	LS			(610)
COMMUNICATIONS	LS			(525)
PAVEMENT DEMOLITION	SM	1,340	22	(30)
SUBTOTAL				5,449
CONTINGENCY (5.0%)				272
TOTAL CONTRACT COST				5,722
SUPERVISION, INSPECTION AND OVERHEAD (5.7%)				326
TOTAL REQUEST				6,048
TOTAL REQUEST (ROUNDED)				6,000
EQUIPMENT FROM OTHER APPROPRIATIONS (NON-ADD)				(28,700.0)

10. Description of Proposed Construction: Construct a two-story, Weapons System Trainer (WST) high-bay facility of reinforced concrete footings and floor, steel frame built to architectural standards. Support areas include classrooms, briefing rooms, secure rooms, offices, restrooms, storage, communications equipment room, electrical/mechanical room, and circulation. Includes fire detection/ suppression IAW regulations, demolishes an existing parking lot and includes construction of a replacment parking lot. Additionally, project includes relocating a main high voltage feeder and an underground communications line. This project will comply with DoD antiterrorism/force protection requirements per Unified Facilities Criteria.

Air Conditioning: 70 Tons

11. Requirement: 900 SM Adequate: 0 SM Substandard: 1609 SM

PROJECT: C-130 Flight Simulator. (New Mission)

REQUIREMENT: A properly sized and configured area to accommodate a new six-axis C-130 flight simulator with adequate space for operational computers, briefing rooms, component and facility storage, classrooms, and instructor areas in support of the C-130 aircrew training program. This additional simulator will provide required and essential initial, qualification, proficiency, hazardous/emergency, and effective mission procedures training. Area must be securable to the Secret level and conform to the security architecture of the existing facility, meet requirements of AFOSH 91-118 for new construction, and comply with C-130 Aircrew Training System Program Office physical security guidelines. The site for this facility is currently a 120 vehicle parking lot. Given very limited area parking, this project will construct a replacement lot. 10,000 CM of fill is required to construct the replacement lot on the only available site that has 45 degree slopes and a 15 foot grade differential.

CURRENT SITUATION: In December 2006 HQ AMC obtained approval to purchase new aircraft simulators and construct facilities in support of Mobility Air Forces (MAF) training requirements. However, there is no facility available that can

1. COMPONENT AIR FORCE	FY 2012 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
POPE AIR FORCE BASE, NORTH CAROLINA	C-130 FLIGHT SIMULATOR

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
41115	171-212	TMKH083003	6,000

house the C-130 flight simulator.

IMPACT IF NOT PROVIDED: The simulator investment program is intended to reduce flying hours by converting actual flying training to the simulator. An expected simulator training tempo of 344 sorties at 1.7 hours per sortie will convert 585 cockpit flying hours, at $5,016 per flying hour, to produce annual savings of $2,934,600. When simulator availability is 1,080 hours per year it will produce annual savings of $5,417,280. In addition, increasing reliance on simulators lessens the maintenance requirements on aircraft that have been heavily taxed by nearly 17 years of continuous contingency operations. These two factors alone will provide an avenue for rapid payback of investment without impacting the training mission or sacrificing the quality of aircrew training. Without this project, the substantial rewards and cost savings will not be realized.

ADDITIONAL: This project meets the criteria/scope specified in Air Force Handbook 32-1084, Facility Requirements. An economic analysis was prepared comparing the alternatives of new construction, revitalization, leasing and status quo operation. Based on the net present values and benefits of the respective alternatives, new construction was found to be the most cost efficient over the life of the project. Sustainable principles, to include life cycle cost-effective practices, will be integrated into the design, development, and construction of the project in accordance with Executive Order 13423, 10 USC 2802 (c) and other applicable laws and Executive laws and orders. BCE: Lt Col Eric Warner, Commercial 910-394-2561. C130 Flight Simulator: 900 SM = 9,688 SF.

JOINT USE CERTIFICATION: This facility can be used by other components on an "as available" basis; however, the scope of the project is based on Air Force requirements.

1. COMPONENT	FY 2012 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AIR FORCE	(computer generated)	

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
POPE AIR FORCE BASE, NORTH CAROLINA	C-130 FLIGHT SIMULATOR

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
41115	171-212	TMKH083003	6,000

12. SUPPLEMENTAL DATA:

a. Estimated Design Data:

(1) Status:

(a) Date Design Started	20-APR-10
(b) Parametric Cost Estimates used to develop costs	YES
* (c) Percent Complete as of 01 JAN 2011	15%
* (d) Date 35% Designed	16-MAR-11
(e) Date Design Complete	30-SEP-11
(f) Energy Study/Life-Cycle analysis was/will be performed	YES

(2) Basis:

(a) Standard or Definitive Design -	NO
(b) Where Design Was Most Recently Used -	

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

	($000)
(a) Production of Plans and Specifications	360
(b) All Other Design Costs	180
(c) Total	540
(d) Contract	450
(e) In-house	90

(4) Construction Contract Award	12 FEB
(5) Construction Start	12 MAR
(6) Construction Completion	13 MAR

* Indicates completion of Project Definition with Parametric Cost Estimate which is comparable to traditional 35% design to ensure valid scope, cost and executability.

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

EQUIPMENT NOMENCLATURE	PROCURING APPROPRIATION	FISCAL YEAR APPROPRIATED OR REQUESTED	COST ($000)
WEAPONS SYSTEM TRAINER (WST)	3010	2011	28,600
INTERIOR FURNISHINGS	3400	2012	100

1. COMPONENT AIR FORCE	**FY 2012 MILITARY CONSTRUCTION PROGRAM**	2. DATE
3. INSTALLATION AND LOCATION MINOT AIR FORCE BASE, NORTH DAKOTA	4. COMMAND: AIR COMBAT COMMAND	5. AREA CONST COST INDEX 1.09

6. Personnel Strength	PERMANENT			STUDENTS			SUPPORTED			TOTAL
	OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV	
AS OF 30 SEP 10	608	4332	960	0	0	0	0	0	61	5,961
END FY 2015	603	4339	942	0	0	0	0	0	61	5,945

7. INVENTORY DATA ($000)

a. Total Acreage: 5,189	
b. Inventory Total as of : (30 Sep 10)	1,685,536
c. Authorization Not Yet in Inventory:	80,270
d. Authorization Requested in this Program:	67,800
e. Planned in Next Four Years Program:	80,200
f. Remaining Deficiency:	85,400
g. Grand Total:	1,999,206

8. PROJECTS REQUESTED IN THIS PROGRAM: (FY 2012)

CATEGORY CODE	PROJECT TITLE	SCOPE		COST $,000	DESIGN START	STATUS CMPL
216-642	B-52 3-Bay Conventional Munitions Mtc F	1,626	SM	11,800	Design Build	
211-173	B-52 Two-Bay Phase Maintenance Dock	8,025	SM	34,000	Design Build	
721-312	Dormitory (168 RM)	168	RM	22,000	Jun-09	Sep-10
		Total		67,800		

9a. Future Projects: Typical Planned Next Four Years:

141-915	Roll Transfer Facility			12,500
171-475	Indoor Firing Range			12,500
211-173	Add/Alter Dock 3			13,200
214-469	Proof Load Test Facility			8,000
721-312	Dormitory (168 RM)			25,000
722-351	Dinning Hall			9,000
		Total		80,200

9b. Real Property Maintenance Backlog This Installation: ($M)	98

10. Mission or Major Functions: A host bomb wing with B-52H aircraft, and an AF Space Command space wing with Minuteman III missiles.

11. Outstanding Pollution and Safety (OSHA Deficiencies):

a. Air pollution	0
b. Water Pollution	0
c. Occupational Safety and Health	0
d. Other Environmental	0

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1. COMPONENT	FY 2012 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AIR FORCE	(computer generated)	

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
MINOT AIR FORCE BASE, NORTH DAKOTA	B-52 3-BAY CONVENTIONAL MUNITIONS MAINTENANCE FACILITY

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
11113	216-642	QJVF092010	11,800

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITIES				7,961
CONVENTIONAL MUNITIONS MAINTENANCE	SM	1,626	4,800	(7,805)
SDD & EPACT 05	LS			(156)
SUPPORTING FACILITIES				2,372
UTILITIES	LS			(563)
PAVEMENTS	LS			(678)
SITE IMPROVEMENTS	LS			(303)
COMMUNICATION SUPPORT	LS			(828)
SUBTOTAL				10,333
CONTINGENCY (5.0%)				517
TOTAL CONTRACT COST				10,850
SUPERVISION, INSPECTION AND OVERHEAD (5.7%)				618
DESIGN/BUILD - DESIGN COST (4.0% OF SUBTOTAL)				413
TOTAL REQUEST				11,881
TOTAL REQUEST (ROUNDED)				11,800)
EQUIPMENT FROM OTHER APPROPRIATIONS (NON-ADD)				(250

10. Description of Proposed Construction: Construct a 3-bay conventional munitions maintenance facility to include new foundation, walls, roof, HVAC, plumbing, electrical, communications support, fire suppression, parking, roadway, fencing, interior construction, compressed air, and all other required support elements. The facility will support 84 munitions personnel. This project will comply with DoD antiterrorism/force protection requirements per Unified Facilities Criteria.

Air Conditioning: 20 Tons

11. Requirement: 1626 SM Adequate: 0 SM Substandard: 659 SM

PROJECT: B-52 3-Bay Conventional Munitions Maintenance Facility. (New Mission)

REQUIREMENT: A munitions maintenance facility is required to conduct maintenance operations including assembly, corrosion control, and time compliance technical order on various munitions components and containers. The facility is required to be located at a safe distance from other buildings and follow quantity/distance (Q/D) constraints. The facility will require blast proof construction techniques, conditioned work areas, and adequate parking for vehicles. The facility should have drive-through work bays, office space, tool room, a training room, and a ready room.

CURRENT SITUATION: Currently, a one-bay facility exists for munitions maintenance. The facility does not provide adequate space for existing munitions maintenance tasks and workloads. The facility was designed to support 20 personnel; however, 43 are assigned. This number has increased by 106 as a result of the B-52 squadron beddown. This creates an overcrowded working environment and results in a backlog of maintenance activities. The current facility also lacks the space to store the additional equipment required to perform munitions maintenance. Also, Q/D constraints prevent the expansion of the existing facility.

1. COMPONENT AIR FORCE	FY 2012 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
MINOT AIR FORCE BASE, NORTH DAKOTA	B-52 3-BAY CONVENTIONAL MUNITIONS MAINTENANCE FACILITY

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
11113	216-642	QJVF092010	11,800

IMPACT IF NOT PROVIDED: The inability to perform timely maintenance on various types of munitions due to overcrowded working conditions or lack of maintenance space will prove detrimental to the wing's mission. If the squadron is unable to maintain and load their munitions in a timely manner, this may cause a delay in mission accomplishment.

ADDITIONAL: This project meets the criteria/scope specified in Air Force Handbook 32-1084, "Facility Requirements." A preliminary analysis of reasonable options (status quo, renovation, new construction) for accomplishing the project was done. It indicates there is only one option that will meet operational requirements; new construction. Therefore, a certificate of exception has been prepared. Sustainable principles, to include Life Cycle cost-effective practices, will be integrated into the design, development, and construction of the project in accordance with Executive Order 12423, 10 USC 2803 (c) and other applicable laws and Executive Orders. Civil Engineer: LtCol Monte S. Harner, (701) 723-2434; (Munitions Maintenance: 1,626 SM = 17,500 SF)

JOINT USE CERTIFICATION: Mission requirements, operational considerations, and location are incompatible with use by other components.

1. COMPONENT AIR FORCE	FY 2012 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
MINOT AIR FORCE BASE, NORTH DAKOTA	B-52 3-BAY CONVENTIONAL MUNITIONS MAINTENANCE FACILITY

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
11113	216-642	QJVF092010	11,800

12. SUPPLEMENTAL DATA:

a. Estimated Design Data:

(1) Project to be accomplished by design-build procedures

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

(3) All Other Design Costs 472

(4) Construction Contract Award 12 FEB

(5) Construction Start 12 MAR

(6) Construction Completion 13 SEP

(7) Energy Study/Life-Cycle analysis was/will be performed YES

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

EQUIPMENT NOMENCLATURE	PROCURING APPROPRIATION	FISCAL YEAR APPROPRIATED OR REQUESTED	COST ($000)
COMMUNICATIONS EQUIPMENT	3400	12	165
FURNISHINGS	3400	12	85

1. COMPONENT	FY 2012 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AIR FORCE	(computer generated)	

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
MINOT AIR FORCE BASE, NORTH DAKOTA	B-52 TWO-BAY PHASE MAINTENANCE DOCK

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
11113	211-173	QJVF092012	34,000

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITIES				25,909
2-BAY MAINTENANCE DOCK	SM	8,025	3,162	(25,375)
SDD & EPACT05	LS			(534)
SUPPORTING FACILITIES				3,441
UTILITIES	LS			(266)
PAVEMENTS	LS			(1,752)
SITE IMPROVEMENTS	LS			(1,286)
COMMUNICATION SUPPORT	LS			(137)
SUBTOTAL				29,350
CONTINGENCY (5.0%)				1,468
TOTAL CONTRACT COST				30,818
SUPERVISION, INSPECTION AND OVERHEAD (5.7%)				1,757
DESIGN/BUILD - DESIGN COST (4.0% OF SUBTOTAL)				1,174
TOTAL REQUEST				33,748
TOTAL REQUEST (ROUNDED)				34,000)
EQUIPMENT FROM OTHER APPROPRIATIONS (NON-ADD)				(360

10. Description of Proposed Construction: Reinforced concrete foundation with floor slab, steel frame, standing seam metal roof, utilities, pavements, site improvements, fire detection/suppression, communication support, and all other necessary support. This project will comply with DoD antiterrorism/force protection requirements per Unified Facilities Criteria.

Air Conditioning: 8 Tons

11. Requirement: 31599 SM Adequate: 11134 SM Substandard: 9585 SM

PROJECT: 2-Bay Phase Maintenance Dock. (New Mission)

REQUIREMENT: A 2-bay phase maintenance dock that can fully enclose 2 B-52s is required to support the missions of 2 bomb squadrons. For increased mission support, there will be storage for tools in a tool crib, as well as storage for bench stock. Hoists are required over nose and wing areas for routine maintenance requirements. Fall restraint systems are required in the dock areas to prevent maintenance crew injuries. As hazardous materials are present, a waste containment area separate from the bay area is required to store hazardous materials, including an oil/water separator. In addition to the dock space, office space for supervisory personnel, a computer room for maintenance personnel, and locker rooms will be required to support the 24/7 operations. This project will comply with antiterrorism/force protection requirements of DoD Uniform Facilities Criteris.

CURRENT SITUATION: There is only one dock currently located at Minot AFB that can completely enclose a B-52. This situation results in extreme work conditions for maintenance crews during the long winter months. The lack of additional dock space also prevents certain types of maintenance from being performed on more than one aircraft at a time due to the inability to pull the entire aircraft into a dock. Current docks also lack certain life safety features such as the fall restraint system, which leads to hazardous work conditions. The addition of ten B-52s to the base will require more maintenance to be performed on a daily basis. This increase

1. COMPONENT AIR FORCE	FY 2012 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
MINOT AIR FORCE BASE, NORTH DAKOTA	B-52 TWO-BAY PHASE MAINTENANCE DOCK

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
11113	211-173	QJVF092012	34,000

will also be seen in the number of personnel as well as the amount of equipment. The current amount of dock space will not be able to accommodate the increase in personnel or the additional equipment.

IMPACT IF NOT PROVIDED: The reassignment of 10 additional B-52s will increase maintenance requirements to complete flight missions. The construction of a Two Bay Phase Maintenance Dock will allow for sharing of equipment and personnel between squadrons. This will allow for streamlining of training and maintenance procedure, alleviating downtime due to equipment breakage and low personnel manning. Two completely enclosed bays are needed due to the harsh winter climate of Minot AFB. Temperatures can reach below -50 for extended periods of time. Exposure to these elements is a safety hazard to personnel and aircraft, and critical maintenance would not be performed, crippling the capabilities of Minot AFB to support the nuclear mission of the USAF.

ADDITIONAL: This project meets the criteria/scope specified in Air Force Handbook 32-1084, "Facility Requirements." A preliminary analysis of reasonable options (status quo, renovation, new construction) for accomplishing the project was done. It indicates there is only one option that will meet operational requirements; new construction. Therefore, a certificate of exception has been prepared. Sustainable principles, to include Life-Cycle cost effective practices, will be integrated into the design, development, and construction of the project in accordance with Executive Order 12423, 10 USC 2803 (c) and other applicable laws and Executive Orders. Civil Engineer: LtCol Monte S. Harner, (701) 723-2434; (Maintenance Dock: 8,025 SM = 86,380 SF).

JOINT USE CERTIFICATION: Mission requirements, operational considerations, and location are incompatible with use by other components.

1. COMPONENT AIR FORCE	FY 2012 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
3. INSTALLATION AND LOCATION MINOT AIR FORCE BASE, NORTH DAKOTA	4. PROJECT TITLE B-52 TWO-BAY PHASE MAINTENANCE DOCK	

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
11113	211-173	QJVF092012	34,000

12. SUPPLEMENTAL DATA:

a. Estimated Design Data:

(1) Project to be accomplished by design-build procedures

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

(3) All Other Design Costs 1,360

(4) Construction Contract Award 12 FEB

(5) Construction Start 12 MAR

(6) Construction Completion 14 MAR

(7) Energy Study/Life-Cycle analysis was/will be performed YES

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

EQUIPMENT NOMENCLATURE	PROCURING APPROPRIATION	FISCAL YEAR APPROPRIATED OR REQUESTED	COST ($000)
FURNISHINGS	3400	12	85
COMMUNICATIONS EQUIPMENT	3400	12	275

1. COMPONENT	FY 2012 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AIR FORCE	(computer generated)	

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
MINOT AIR FORCE BASE, NORTH DAKOTA	DORMITORY (168 RM)

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
27576	721-312	QJVF092001	22,000

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITIES				16,814
DORMITORY (168 RM)	SM	6,384	2,579	(16,464)
SDD & EPACT 05	LS			(350)
SUPPORTING FACILITIES				2,750
UTILITIES	LS			(516)
SITE IMPROVEMENTS	LS			(358)
PAVEMENT	LS			(609)
DEMOLITION	SM	4,667	110	(513)
ASBESTOS ABATEMENT	LS			(410)
SPECIAL FOUNDATION	LS			(225)
COMMUNICATION SUPPORT	LS			(119)
SUBTOTAL				19,565
CONTINGENCY (5.0%)				978
TOTAL CONTRACT COST				20,543
SUPERVISION, INSPECTION AND OVERHEAD (5.7%)				1,171
TOTAL REQUEST				21,714
TOTAL REQUEST (ROUNDED)				22,000
EQUIPMENT FROM OTHER APPROPRIATIONS (NON-ADD)				(1,128.0)

10. Description of Proposed Construction: Reinforced concrete foundation and floor slab, brick masonry walls, standing seam metal roof, site improvements, utilities, fire detection/protection, landscaping, pavements, ground-source heat pump, special foundation system that includes: minimum excavated depth of 10', select compacted fill and drilled piers or piles; communication support, demolition of existing dorms (4,667 SM), asbestos abatement, and all other necessary support. This project will comply with DoD antiterrorism/force protection requirements per Unified Facilities Criteria.

Air Conditioning: 120 Tons

11. Requirement: 878 RM Adequate: 178 RM Substandard: 917 RM

PROJECT: Dormitory (168 RM). (Current Mission)

REQUIREMENT: A major Air Force objective provides unaccompanied enlisted personnel with housing conducive to their proper rest, relaxation and personal well-being. Properly designed and furnished quarters providing some degree of individual privacy are essential to the successful accomplishment of the increasingly complex and important jobs these people perform. The retention of these highly trained airmen is essential to our readiness posture and continuing world-wide presence. This project is in accordance with the 2008 Air Force Dormitory Master Plan approved for Minot AFB.

CURRENT SITUATION: Minot AFB total facility condition (dormitory) score is 0.935 (Tier 1) on a scale of 0 to 5; 5 being the best (March 2008). Dorm facilities do not conform to current ATFP standards for standoff or building specifications. Access roads and adjacent parking areas are in poor condition. Very few common areas are available, discouraging positive social interaction. Sewer lines are in poor condition and are inadequate to service the existing dorms. Ventilation in the

1. COMPONENT AIR FORCE	FY 2012 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
MINOT AIR FORCE BASE, NORTH DAKOTA	DORMITORY (168 RM)

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
27576	721-312	QJVF092001	22,000

bedrooms and bathrooms is very poor or nonexistent. Aging water and sewer lines experience frequent breaks during freeze/thaw cycles, eroding the quality of life for residents.

IMPACT IF NOT PROVIDED: Failure to provide new dorms will result in already high maintenance and repair costs ($17.9M since 2004) escalating even further with today's problems likely to lead to health and safety issues for our Airmen. Dorms will continue to violate ATFP standards. The average age of Minot AFB's dormitories is 46.3 years. This request will replace 1 dormitory built in 1958 and 1 dormitory build in 1975. Minot's unaccompanied Airmen carry out the mission in one of the harshest winter climates in the continental United States, only to return home to substandard housing. There are no individual temperature controls for heat in the winter, there is no air conditioning in the summer and winter water breaks leave them showering at the fitness center. Additionally, success in the Military Family Housing MILCON program has created a huge standard of living gap between married and single Airmen. Morale and retention are negatively affected by these conditions.

ADDITIONAL: This project meets the criteria/scope specified in Air Force Handbook 32-1084, "Facility Requirements", and the Air Force Dormitory Design Guide. A preliminary analysis of reasonable options for accomplishing this project (status quo, renovation, upgrade/removal, new construction) was done. It indicates there is only one option that will meet operational requirements; new construction. A certificate of exception has been prepared. Sustainable principles, to include Life Cycle cost-effective practices, will be integrated into the design, development and construction of the project in accordance with Executive Order 13423, 10 USC 2802 (c) and other applicable laws and Executive orders. Unaccompanied Housing RPM conducted: FY09, $14.121K ; FY10, $105K; FY11, $643K; FY12, $3,625K; FY13, $5,012K. Base Civil Engineer: Monte S. Harner, Lt Col, USAF, (701) 723-2434. (Dormitory (168 Rm): 6,384 SM = 68,717 SF)

JOINT USE CERTIFICATION: This facility can be used by other components on an as available basis; however, the scope of the project is based on Air Force requirements.

1. COMPONENT	FY 2012 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AIR FORCE	(computer generated)	

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
MINOT AIR FORCE BASE, NORTH DAKOTA	DORMITORY (168 RM)

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
27576	721-312	QJVF092001	22,000

12. SUPPLEMENTAL DATA:

a. Estimated Design Data:

(1) Status:	
(a) Date Design Started	01-JUL-10
(b) Parametric Cost Estimates used to develop costs	YES
* (c) Percent Complete as of 01 JAN 2011	15%
* (d) Date 35% Designed	16-MAR-11
(e) Date Design Complete	30-SEP-11
(f) Energy Study/Life-Cycle analysis was/will be performed	YES
(2) Basis:	
(a) Standard or Definitive Design -	NO
(b) Where Design Was Most Recently Used -	
(3) Total Cost (c) = (a) + (b) or (d) + (e):	($000)
(a) Production of Plans and Specifications	1,320
(b) All Other Design Costs	660
(c) Total	1,980
(d) Contract	1,650
(e) In-house	330
(4) Construction Contract Award	12 FEB
(5) Construction Start	12 APR
(6) Construction Completion	13 SEP

* Indicates completion of Project Definition with Parametric Cost Estimate which is comparable to traditional 35% design to ensure valid scope, cost and executability.

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

EQUIPMENT NOMENCLATURE	PROCURING APPROPRIATION	FISCAL YEAR APPROPRIATED OR REQUESTED	COST ($000)
FURNITURE	3400	2013	914
COMMUNICATIONS	3400	2013	214

1. COMPONENT AIR FORCE	**FY 2012 MILITARY CONSTRUCTION PROGRAM**	2. DATE
3. INSTALLATION AND LOCATION JB SAN ANTIONIO - FORT SAM HOUSTON TEXAS	4. COMMAND: AIR EDUCATION AND TRAINING COMMAND	5. AREA CONST COST INDEX 0.94

6. Personnel	PERMANENT			STUDENTS			SUPPORTED			
Strength	OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV	TOTAL
AS OF 30 SEP 10	2,590	6,169	4,613	775	5,827	60	169	1,559	4,980	26,742
END FY 2015	2,758	5,959	5,629	897	4,686	55	612	8,179	5,989	34,764

7. INVENTORY DATA ($000)	
a. Total Acreage: 30,929	
b. Inventory Total as of : (30 Sep 10)	2,313,441
c. Authorization Not Yet in Inventory:	1,457,425
d. Authorization Requested in this Program:	46,000
e. Planned in Next Four Years Program:	13,800
f. Remaining Deficiency:	218,000
g. Grand Total:	4,048,666

8. PROJECTS REQUESTED IN THIS PROGRAM: (FY 2012)

CATEGORY CODE	PROJECT TITLE	SCOPE		COST $,000	DESIGN START	STATUS CMPL
721-311	AIT Barracks (300 Rm)	16,287	SM	46,000	Design-Build	
			Total	46,000		

9a. Future Projects: Typical Planned Four Years:

740-674	Fitness Center		13,800
		Total	13,800

9b. Real Property Maintenance Backlog This Installation ($M)	32

10. Mission or Major Functions: Fort Sam Houston's mission is to provide quality service, training and support to soldiers and community. Fort Sam is known as the Home of Army Medicine and serves as a headquarters, mobilization and training site and provider of medical support. The installation houses Brooke Army Medical Center, Headquarters Dental and Veterinary Commands, the Institute of Surgical Research (trauma/burn center), and the Defense Medical Readiness Training Institute (DMRTI). Fort Sam Houston's Army Medical Department Center and School trains over 25K students attending 170 officer, NCO and enlisted courses in 14 medical specialties. The installation is a dynamic and growing installation with additional missions such as; The Army Medical Command headquarters, Fifth U.S. Army, U.S. Army South, U.S. Navy Regional Recruiting, the San Antonio Military Entrance and Processing Station and the U.S. Naval School of Heath Sciences in San Diego.

11. Outstanding pollution and Safety (OSHA) Deficiencies:	
a. Air pollution	0
b. Water Pollution	0
c. Occupational Safety and Health	0
d. Other Environmental	0

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1. COMPONENT	FY 2012 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AIR FORCE	(computer generated)	

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
JB SAN ANTONIO - FT SAM HOUSTON, TEXAS	AIT BARRACKS (300 RM)

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
85976	721-313	MPLS11473JB	46,000

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITIES				35,119
AIT BARRACKS (300 RM)	SM	16,287	2,114	(34,431)
SDD & EPACT05	LS			(689)
SUPPORTING FACILITIES				4,593
PAVING, WALKS, CURBS AND GUTTERS	LS			(360)
DEMOLITION, VERTICAL	SM	10,355	200	(2,071)
SPECIAL FOUNDATION	LS			(950)
UTILITIES	LS			(712)
SITE IMPROVEMENTS	LS			(500)
SUBTOTAL				39,712
CONTINGENCY (5.0%)				1,986
TOTAL CONTRACT COST				41,698
SUPERVISION, INSPECTION AND OVERHEAD (6.5%)				2,710
DESIGN/BUILD - DESIGN COST (4.0% OF SUBTOTAL)				1,588
TOTAL REQUEST				45,997
TOTAL REQUEST (ROUNDED)				46,000)
EQUIPMENT FROM OTHER APPROPRIATIONS (NON-ADD)				(6,064

10. Description of Proposed Construction: Construct an Advanced Individual Trainee (AIT) Training Barracks. The barracks will be structural steel frame with modular inserts and will tie into a central energy plant to provide heating and air conditioning. The facility will be connected through the post-wide Local Area Network, for both energy monitoring and control, to the Utility Monitoring and Control System. Project demolishes 10,355 SM. Project complies with DoD minimum antiterrorism/force protection measures per the Unified Facilities Criteria.

Air Conditioning: 1,200 Tons

11. Requirement: 4537 PN Adequate: 1092 PN Substandard: 0 PN

PROJECT: Construct AIT Barracks. (Current Mission)

REQUIREMENT: This project is required for Fort Sam Houston Army Medical Center and School (AMEDD C&S) to house and provide the Advanced Individual Trainee with a modern living and working environment that meets today's needs.

CURRENT SITUATION: The AIT soldiers are currently housed in permanent barracks of the "Starship" design type. These facilities were built in 1989 and have not received any major renovations. The existing living space available to the soldier is not in accordance with the current standards for trainee barracks. The barracks layout is not adequate for separation of gender according to today's standards. The building systems (electrical, plumbing, HVAC) have exceeded the useful life cycle and are failing. The interior finishes are peeling, discolored, damaged, and worn. In addition, the laundry rooms within the barracks do not provide enough space to support the required number of washers and dryers required for the population of the barracks.

IMPACT IF NOT PROVIDED: If this project is not provided, Fort Sam Houston will continue to house trainees in facilities that are failing and do not provide an adequate sleeping and living environment. The existing condition of the utility

1. COMPONENT AIR FORCE	FY 2012 MILITARY CONSTRUCTION PROJECT DATA (computer generated)		2. DATE
3. INSTALLATION AND LOCATION JB SAN ANTONIO - FT SAM HOUSTON, TEXAS		4. PROJECT TITLE AIT BARRACKS (300 RM)	
5. PROGRAM ELEMENT 85976	6. CATEGORY CODE 721-313	7. PROJECT NUMBER MPLS11473JB	8. PROJECT COST ($000) 46,000

systems are at a point where they are in need of constant repair.

ADDITIONAL: This project meets the Army Standard for the design and construction of AIT Complexes and AFH 32-1084, Facility Requirements. This project has been coordinated with the installation physical security plan, and all physical security 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. Sustainable principles, to include Life Cycle cost-effective practices, will be integrated into the design, development, and construction of this project in accordance with Executive Order 13423, 10 USC 2802 (c), and other applicable laws and Executive Orders. Director of Public Works: Mr. Michael Grizer, (210) 221-5439: AIT Barracks (300 RM): 16,287 SM = 175,304 SF.

JOINT USE CERTIFICATION: The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for Joint Use potential. The facility will be available for use by other components.

1. COMPONENT AIR FORCE	FY 2012 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
JB SAN ANTONIO - FT SAM HOUSTON, TEXAS	AIT BARRACKS (300 RM)

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
85976	721-313	MPLS11473JB	46,000

12. SUPPLEMENTAL DATA:

a. Estimated Design Data:

(1) Project to be accomplished by design-build procedures

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

(3) All Other Design Costs 1,840

(4) Construction Contract Award 12 FEB

(5) Construction Start 12 MAR

(6) Construction Completion 14 MAR

(7) Energy Study/Life-Cycle analysis was/will be performed YES

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

EQUIPMENT NOMENCLATURE	PROCURING APPROPRIATION	FISCAL YEAR APPROPRIATED OR REQUESTED	COST ($000)
FURNISHINGS	3400	2013	4,152
INSTALLED EQUIPMENT	3080	2013	1,912

1. COMPONENT AIR FORCE	**FY 2012 MILITARY CONSTRUCTION PROGRAM**	2. DATE
3. INSTALLATION AND LOCATION JB SAN ANTONIO - LACKLAND AFB TEXAS	4. COMMAND: AIR EDUCATION AND TRAINING COMMAND	5. AREA CONST COST INDEX 0.94

6. Personnel Strength	PERMANENT			STUDENTS			SUPPORTED			
	OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV	TOTAL
AS OF 30 SEP 10	2431	9542	5497	132	6843	0	2365	9866	2,649	37,892
END FY 2015	2416	9199	5492	132	6843	0			1992	38,328

7. INVENTORY DATA ($000)		
a. Total Acreage:	7,454	
b. Inventory Total as of : (30 Sep 10)		4,073,379
c. Authorization Not Yet in Inventory:		297,862
d. Authorization Requested in this Program:		64,000
e. Planned in Next Four Years Program:		231,300
f. Remaining Deficiency:		793,577
g. Grand Total:		5,460,118

8. PROJECTS REQUESTED IN THIS PROGRAM: (FY 2012)

CATEGORY CODE	PROJECT TITLE	SCOPE		COST $,000	DESIGN START	STATUS CMPL
721-311	Recruit Dormitory 4, Phase IV	24,407	SM	64,000	Dec 10	Sep 11
			Total	64,000		

9a. Future Projects: Typical Planned Four Years:

100-001	Recruit Dormitory Phase 4		63,000
100-001	Recruit Dormitory Phase 5		65,000
100-001	Recruit Dormitory Phase 6		66,000
141-456	33rd Network Warfare SQ Ops Fac Phase 1		11,400
730-773	Interfaith Religious Center		15,500
730-835	Security Forces Consolidated Ops Facility Ph 1		10,400
		Total	231,300

9b. Real Property Maintenance Backlog This Installation ($M) 76

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

11. Outstanding pollution and Safety (OSHA) Deficiencies:

a. Air pollution	0
b. Water Pollution	0
c. Occupational Safety and Health	0
d. Other Environmental	0

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1. COMPONENT	FY 2012 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AIR FORCE	(computer generated)	

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
JB SAN ANTONIO - LACKLAND AFB, TEXAS	BMT RECRUIT DORMITORY 4, PHASE 4

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
85976	721-311	MPLS083737R4	64,000

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITIES				45,125
RECRUIT DORMITORY (1248 PN)	SM	19,900	1,861	(37,034)
MTI ADMINISTRATIVE SPACE	SM	1,225	2,025	(2,481)
TRAINING/FORMATION OPEN SPACE	SM	3,282	1,440	(4,726)
SDD AND EP ACT 2005	LS			(884)
SUPPORTING FACILITIES				12,596
SITE IMPROVEMENTS	LS			(1,450)
SPECIAL DRILLED PIER FOUNDATION	LS			(1,450)
UTILITIES, INCLUDING UNDERGROUND ALONG LUKE	LS			(2,043)
PAVEMENTS AND TROOP BRIDGE ABUTMENTS	LS			(2,168)
COMMUNICATIONS INFRASTRUCTURE	LS			(209)
DEMOLITION, VERTICAL	SM	22,018	126	(2,776)
REBUILD GARY AVE AND FINISH THE EAST CAMPUS	LS			(2,500)
SUBTOTAL				57,721
CONTINGENCY (5.0%)				2,886
TOTAL CONTRACT COST				60,607
SUPERVISION, INSPECTION AND OVERHEAD (5.7%)				3,455
TOTAL REQUEST				64,061
TOTAL REQUEST (ROUNDED)				64,000
EQUIPMENT FROM OTHER APPROPRIATIONS (NON-ADD)				(2,700.0)

10. Description of Proposed Construction: Construction includes a multi-story facility consisting of a drilled pier foundation, suspended concrete floor slabs, reinforced concrete frame, interior masonry walls, exterior pre-cast concrete panels, standing seam metal roof, and an elevator. Areas include administrative support, open-bay dormitories, central latrines, drill pads, physical training areas, and storage. Reconstructs Gary Ave on the East side of the first BMT Campus and completes the work of this Northeast Campus. Demolishes facilities totaling 22,018 SM (237,000 SF). Provides all necessary support and restores all areas disturbed by construction. Complies with DoD minimum anti-terrorism/force protection measures per the Unified Facilities Criteria.

Air Conditioning: 450 Tons

11. Requirement: 24407 SM Adequate: 0 SM Substandard: 20521 SM

PROJECT: Construct Recruit Dormitory (Current Mission)

REQUIREMENT: A major Air Force objective is to provide recruits with facilities conducive to their proper housing, dining, and training. Properly sized, sited, designed, and furnished facilities are essential to successfully train future Air Force enlisted personnel. To support current accession rates, a total of 8 Recruit Housing & Training (RH&T) facilities are required to accomplish the Basic Military Training (BMT) mission at Lackland AFB. This project provides the fourth Airmen Training Complex (ATC) dormitory building in the RH&T Replacement program. This ATC facility will house a BMT Squadron including dormitory and administrative space. This project is designed to accommodate 1248 recruits; 48 recruits per

1. COMPONENT	FY 2012 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AIR FORCE	(computer generated)	

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
JB SAN ANTONIO - LACKLAND AFB, TEXAS	BMT RECRUIT DORMITORY 4, PHASE 4

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
85976	721-311	MPLS083737R4	64,000

flight, 24 flights per squadron, with 4 reserve bed spaces per flight in order to address surges, gender separation and injured recruits. This project will also construct a new drill pad, running track, exercise areas, war skills training areas, and a pavilion for training weapons cleaning, storage, and latrines. It builds two soccer fields that were displaced by the construction project. Construction of the fourth BMT dormitory building completes the work on the first BMT Campus of the RH&T Replacement Plan and builds any remaining sidewalks, troopwalks, knee-walls, landscaping, courtyard features, and roads to finish this BMT campus. Project builds Troop Bridge abutments on the East BMT Campus and relocates overhead electrical power lines underground along Luke Blvd.

CURRENT SITUATION: RH&T facilities, the BMT program, and Lackland AFB form an initial, but lasting impression of the Air Force to all new recruits. Existing 220,000 SF RH&T facilities, originally constructed in the 1960's and 1970's, were designed to provide housing, dining, classrooms, and other training space in one facility in order to develop teamwork, discipline, and Espirit de corps among the recruits. These facilities are outdated and are inadequate to support current and planned accessions of Air Force Active Duty, Reserve, and Air National Guard personnel considering future force structure and strength. Due to deterioration, age, and exceeding their useful life, the RH&Ts require significant O&M capital to keep them operational -- an estimated annual average of $2.1M per RH&T ($16.8M for today's 8 RH&Ts) for the next 28 years according to the facility assessment study and detailed Economic Analysis. Available training hours, training quality, cohesiveness, and Esprit de corps are degraded as a direct result of decentralized BMT facilities and functions. A centralized, master planned, BMT campus does not exist. BMT has difficulty accommodating summer recruit surges while accomplishing maintenance, repair and renovation projects of the aging, inadequate, and substandard RH&Ts. Recruits do not have the minimum standard square footage during surge and overhaul periods forcing as many as 65 recruits per flight in facilities designed for 50 recruits per flight. This further stresses infrastructure systems and accelerates deterioration. The fire protection system is inadequate and obsolete. The mechanical, electrical, lighting systems, and interior finishes are at the end of their useful lives and require replacement. The food preparation, serving areas, and laundry area layouts are functionally inefficient and need to be centralized to improve efficiency and accommodate new equipment.

IMPACT IF NOT PROVIDED: One of Lackland Air Force Base's primary missions is to educate and train every Basic Military Training (BMT) enlisted recruit when entering military service in the U.S. Air Force. Without quality BMT programs and state-of-the-art, master-planned facilities, the Air Force will have difficulty recruiting, training, and retaining new recruits. BMT schedules will continue to be stretched to critical levels that risk mission loss. Facilities will continue to age and will require increasingly more capital to keep them operational. During surge periods, or when existing RH&Ts are being repaired, maintained, or overhauled, flight sizes will increase and recruits will continue to live in space with less than the minimum standard square footage per recruit. Significant capital must be spent to convert the existing RH&T facilities to current antiterrorism/force protection (AT/FP) criteria. Gary Ave. must be rebuilt so that Lackland main base has an alternate North-South road.

ADDITIONAL: This project meets the criteria/scope for recruit housing specified in Air Force Handbook 32-1084, "Standard Facility Requirements Handbook." The new OSD dormitory standard does not apply to this facility. It is excluded as a recruit dormitory. Fire protection systems for this project meet new standards established in MIL-HDBK 1008C, "Fire Protection Facilities." A full Economic Analysis was performed demonstrating the economic advantage of new construction to meet the program requirements. Based on the net present value and benefits of prospective alternatives, new construction was found to have the best overall ratio of lifecycle cost vs. benefit. Furthermore, the Economic Analysis indicates that

1. COMPONENT AIR FORCE	FY 2012 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
3. INSTALLATION AND LOCATION JB SAN ANTONIO - LACKLAND AFB, TEXAS	4. PROJECT TITLE BMT RECRUIT DORMITORY 4, PHASE 4	

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
85976	721-311	MPLS083737R4	64,000

constructing new RH&T facilities within the next 10 years will avoid an anticipated major investment in maintenance and repair that is projected through 2040. Sustainable principles, to include Life Cycle cost-effective practices, will be integrated into the design, development and construction of the project in accordance with Executive Order 13423, 10 USC 2803 (c) and other applicable laws and executive orders. BASE CIVIL ENGINEER: Lt Col Ardyce Clements, (210) 671-2977. BMT Recruit Dormitory: 19,900 SM = 214,195 SF, MTI Admin: 1,225 SM = 13,185 SF, Training/Formation: 3,282 SM = 35,326 SF.

JOINT USE CERTIFICATION: This facility can be used by other components on an "as available" basis; however, the scope of the project is based on Air Force requirements.

1. COMPONENT AIR FORCE	FY 2012 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
JB SAN ANTONIO - LACKLAND AFB, TEXAS	BMT RECRUIT DORMITORY 4, PHASE 4

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
85976	721-311	MPLS083737R4	64,000

12. SUPPLEMENTAL DATA:

a. Estimated Design Data:

(1) Status:

(a) Date Design Started	01-APR-10
(b) Parametric Cost Estimates used to develop costs	YES
* (c) Percent Complete as of 01 JAN 2011	15%
* (d) Date 35% Designed	16-FEB-11
(e) Date Design Complete	01-SEP-11
(f) Energy Study/Life-Cycle analysis was/will be performed	YES

(2) Basis:

(a) Standard or Definitive Design -	NO
(b) Where Design Was Most Recently Used -	

(3) Total Cost (c) = (a) + (b) or (d) + (e):	($000)
(a) Production of Plans and Specifications	650
(b) All Other Design Costs	1,300
(c) Total	1,950
(d) Contract	1,625
(e) In-house	325

(4) Construction Contract Award	12 FEB
(5) Construction Start	12 MAR
(6) Construction Completion	14 MAR

* Indicates completion of Project Definition with Parametric Cost Estimate which is comparable to traditional 35% design to ensure valid scope, cost and executability.

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

EQUIPMENT NOMENCLATURE	PROCURING APPROPRIATION	FISCAL YEAR APPROPRIATED OR REQUESTED	COST ($000)
FURNISHINGS	3400	2014	2,700

1. COMPONENT AIR FORCE	**FY 2012 MILITARY CONSTRUCTION PROGRAM**	2. DATE

3. INSTALLATION AND LOCATION	4. COMMAND:	5. AREA CONST
HILL AIR FORCE BASE	AIR FORCE MATERIEL	COST INDEX
UTAH	COMMAND:	1.11

6. Personnel	PERMANENT			STUDENTS			SUPPORTED			
Strength	OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV	TOTAL
AS OF 30 SEP 10	333	1,274	10,161	0	0	0	192	2243	205	14,408
END FY 2015	314	1,248	10,059	0	0	0	187	2234	206	14,248

7. INVENTORY DATA ($000)		
a. Total Acreage:	6,797	
b. Inventory Total as of : (30 Sep 10)		4,322,858
c. Authorization Not Yet in Inventory:		90,041
d. Authorization Requested in this Program:		16,500
e. Planned in Next Four Years Program:		125,400
f. Remaining Deficiency:		361,500
g. Grand Total:		4,916,299

8. PROJECTS REQUESTED IN THIS PROGRAM: (FY 2012)

CATEGORY CODE	PROJECT TITLE	SCOPE		COST $,000	DESIGN START	STATUS CMPL
211-111	F-35 ADAL Hangar 45W/AMU	3,003	SM	6,800	Design	Build
610-675	F-22 System Support Facility	3,389	SM	16,500	Design	Build
		Total		16,500		

9a. Future Projects: Typical Planned In Next Four Years:		
116-662	Install New PCC Apron (Hot Pad 8)	9,200
141-764	Non-Secure Software Engineering Development Facility	12,200
211-153	Robotic NDI Facility	15,100
216-642	649 MUNS STAMP/M&I Facility	16,400
317-315	388 RANS Mission Control Center	20,500
721-312	Dormitory (120 RM)	20,500
721-312	Dormitory (120 RM)	20,500
831-155	New Industrial Waste Water Treament Plant	11,000
	Total	125,400

9b. Real Propery Maintenance Backlog This Installation: ($M)	138.9

10. Mission or Major Functions: Hill Air Force Base is home to many operational and support missions with Ogden Air Logisitics Center (OO-ALC) serving as host organization. The center provides world wide engineering and logistics management for the F-16 Fighting Falcon, A-10 Thunderbolt II and Minuteman III intercontinental ballistic missile. The base performs depot maintenance for F-16, C-130, and F-22 aircraft.

11. Outstanding pollution and Safety (OSHA) Deficiencies:	
a. Air pollution	0
b. Water Pollution	0
c. Occupational Safety and Health	0
d. Other Environmental	0

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1. COMPONENT	FY 2012 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AIR FORCE	(computer generated)	

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
HILL AIR FORCE BASE, UTAH	F-22 SYSTEM SUPPORT FACILITY

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
27138	610-675	KRSM123011R	16,500

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITIES				11,751
ADMINSTRATION FACILITY	SM	3,389	3,396	(11,509)
SDD & EPACT 05	LS			(242)
SUPPORTING FACILITIES				2,434
UTILITIES	LS			(755)
PAVEMENTS	LS			(770)
SITE IMPROVEMENTS	LS			(404)
COMMUNICATION SUPPORT	LS			(505)
SUBTOTAL				14,185
CONTINGENCY (5.0%)				709
TOTAL CONTRACT COST				14,895
SUPERVISION, INSPECTION AND OVERHEAD (5.7%)				849
DESIGN/BUILD - DESIGN COST (4.0% OF SUBTOTAL)				567
TOTAL REQUEST				16,311
TOTAL REQUEST (ROUNDED)				16,500)
EQUIPMENT FROM OTHER APPROPRIATIONS (NON-ADD)				(2,000

10. Description of Proposed Construction: Two story steel frame facility, reinforced masonry exterior walls, concrete slab on grade, reinforced concrete footings, and insulated standing seam metal roof. Provide administrative space and office areas for F-22 Systems Support Office operations and supervision. Project includes break rooms, classified conference/training rooms, classified video teleconferencing (VTC) capability, large secured conference room to accommodate 150 people, and classified records and equipment storage. Provide fire detection/suppression, intrusion detection, and all other supporting facilities for a complete and usable secured administrative support facility for the F-22 Systems Support Office. Will also include utilities, parking lot/pavements, parking lot lighting, site improvements, and fencing. Antiterrorism/force protection measures will comply with DoD standards.

Air Conditioning: 100 Tons

11. Requirement: 3875 SM Adequate: 486 SM Substandard: 0 SM

PROJECT: F-22 System Support Facility. (New Mission)

REQUIREMENT: A new administrative support facility is required to accommodate approximately 210 personnel. The work load from the F-22 System Program Office (SPO) will be relocating from Aeronautical Systems Center (ASC) at Wright - Patterson AFB, Ohio to Hill AFB, Utah, as ever increasing F-22 sustainment responsibilities transition to 508th Aerospace Sustainment Wing (ASW). Among the 210 personnel to occupy the proposed facility will be Air Force personnel from various organizations as F-22 oversight responsibilities transition from contractor-led to government owned. The goal is to collocate the F-22 maintenance personnel located in bldg. 674, with fleet management, sustainment, engineering, field support, and all other respective sustainment functions to be housed in a facility located adjacent to building 674.

CURRENT SITUATION: Currently there are no facilities on the east side of Hill AFB

1. COMPONENT AIR FORCE	FY 2012 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
HILL AIR FORCE BASE, UTAH	F-22 SYSTEM SUPPORT FACILITY

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
27138	610-675	KRSM123011R	16,500

where the F-22 depot work is performed. Most of the existing facilities are on the west side of the runway which does not meet the user's requirements of being co-located with the F-22 complex on the east side of the runway. In addition, off base facilities were not considered because it did not meet the user's requirement to collocate these functions with the F-22 complex on the east side of runway. Both the west side and off base facilities could not meet response procedures/ timeline of the depot repair or modification functions.

IMPACT IF NOT PROVIDED: Without this facility, F-22 SPO functions will not be able to relocate to Hill AFB, where the majority of the Depot Repair or Modification (DRM) for the F-22 fighter aircraft is currently taking place. The process efficiencies and synergy which would be gained by collocating fleet management, engineering, field support, and all respective sustainment functions associated with the DRM functions will be lost. Without adequate facilities, the Air Force may be forced to contract with the F-22 manufacturer in order to meet DRM goals. This will most likely be at a much higher cost than could be done in-house, and may exceed the 50/50 rule mandated by Congress.

ADDITIONAL: This project meets the criteria/scope specified in Air Force Handbook 32-1084, "Facility Requirements," Chapter 12, para. 12.12.2. A preliminary analysis of reasonable options for satisfying the requirement (status quo, occupying existing on base facilities, new construction, etc.) was done. The conclusion was that new construction is the only option that will fully satisfy the operational requirements. Sustainable principles, to include Life Cycle cost-effective practices, will be integrated into the design, development, and construction of this project in accordance with Executive Order 13423, 10 USC 280 (c) and other applicable laws and executive orders. Base Civil Engineer: Mr. Harry Briesmaster III (801) 777-7505. F-22 Mission Support Facility: 3,389 SM = 36,480 SF

JOINT USE CERTIFICATION: Mission requirements, operational considerations, and location are incompatible with use by other components.

1. COMPONENT AIR FORCE	FY 2012 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
3. INSTALLATION AND LOCATION HILL AIR FORCE BASE, UTAH	4. PROJECT TITLE F-22 SYSTEM SUPPORT FACILITY	

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
27138	610-675	KRSM123011R	16,500

12. SUPPLEMENTAL DATA:

a. Estimated Design Data:

(1) Project to be accomplished by design-build procedures

(2) Basis:

(a) Standard or Definitive Design - NO

(b) Where Design Was Most Recently Used -

(3) All Other Design Costs 660

(4) Construction Contract Award 12 FEB

(5) Construction Start 12 MAR

(6) Construction Completion 13 NOV

(7) Energy Study/Life-Cycle analysis was/will be performed YES

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

EQUIPMENT NOMENCLATURE	PROCURING APPROPRIATION	FISCAL YEAR APPROPRIATED OR REQUESTED	COST ($000)
MODULAR OFFICE FURNITURE	3400	2012	2,000

1. COMPONENT	FY 2012 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AIR FORCE	(computer generated)	

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
HILL AIR FORCE BASE, UTAH	F-35 ADAL HANGAR 45E/AMU

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
27142	211-111	KRSM103011	6,800

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITIES				5,378
MAINTENANCE HANGAR ADDITION	SM	543	3,570	(1,939)
MAINTENANCE HANGAR ALTERATION	SM	1,035	1,790	(1,853)
AMU ALTERATION	SM	1,425	1,040	(1,482)
SDD & EPACT 05	LS			(105)
SUPPORTING FACILITIES				561
UTILITIES	LS			(153)
PAVEMENTS	LS			(306)
SITE IMPROVEMENTS	LS			(102)
SUBTOTAL				5,939
CONTINGENCY (5.0%)				297
TOTAL CONTRACT COST				6,236
SUPERVISION, INSPECTION AND OVERHEAD (5.7%)				355
DESIGN/BUILD - DESIGN COST (4.0% OF SUBTOTAL)				238
TOTAL REQUEST				6,829
TOTAL REQUEST (ROUNDED)				6,800)
EQUIPMENT FROM OTHER APPROPRIATIONS (NON-ADD)				(650

10. Description of Proposed Construction: Additions include reinforced concrete foundations and floor slabs, structural steel frame, fire detection/protection, utilities, pavements, site improvements, landscaping, communicaton support, and all other necessary support. The project provides all required supporting facliities for a complete and usable primary facility. It will comply with all DoD Force Protection requirements per Unified Facilities Criteria.

Air Conditioning: 75 Tons

11. Requirement: 3003 SM Adequate: 800 SM Substandard: 1660 SM

PROJECT: F-35 ADAL Hangar 45E/AMU. (New Mission)

REQUIREMENT: Provide a sufficiently sized Aircraft Maintenance Unit (AMU) and fighter aircraft repair hangar for a squadron of twenty-four F-35A fighter aircraft by adding to and altering the east side of bldg 45. Extend existing east hangar portion of bldg 45 thirty feet to the north and install new hangar doors to meet maintenance requirements unique to the F-35A Joint Strike Fighter. Renovate the AMU portion of the facility to support the Autonomic Logistics Information System (ALIS) system and to ensure necessary security upgrades are in place. Ensure also that all required maintenance brief/de-brief areas are provided.

CURRENT SITUATION: The AF has announced Hill AFB as the preferred site alternative for the first and second squadrons of the F-35A fighter aircraft. This requirement supports the second squadron's requirement for an AMU and hangar. The second squadron's aircraft are expected to begin arriving in FY14. The final force structure is three 24 aircraft fighter squadrons. There are currently insufficient facilities at Hill AFB to accommodate this new mission bed-down. The east maintenance hangar portion of bldg 45 does not have the adequate depth to accomplish the various maintenance requirements on the F-35A, specifically engine removal/replacement and overall maintenance functions. This problem already exists

1. COMPONENT AIR FORCE	FY 2012 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
HILL AIR FORCE BASE, UTAH	F-35 ADAL HANGAR 45E/AMU

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
27142	211-111	KRSM103011	6,800

for the F-16 squadrons currently using bldg 45. The existing east AMU portion of bldg 45 is not suitable at all in terms of condition and layout. The floor plan must be reconfigured for efficiencies and renovation is required.

IMPACT IF NOT PROVIDED: Without this project, the 388th FW will not be able to receive delivery of the F-35A in any significant numbers. Without the hangar extension, effective engine maintenance for the F-35A cannot be performed; proper security measures cannot be maintained; and support equipment will have to be stored outdoors subject to harsh weather conditions. The AMU must be renovated so that functions can be performed adequately and efficiently.

ADDITIONAL: This project meets the criteria/scope specified in Air Force Handbook 32-1084, "Facility Requirements Plan" and the F-35 Facilities Requirement Plan. A preliminary analysis of reasonable alternatives to this project was conducted and it was determined that adding to and altering bldg 45 was the most cost effective option in order to accomplish the mission. A certificate of exception has been prepared. Sustainable principles, to include life cycle cost-effective practices, will be integrated into the project design, development and construction in accordance with Executive Order 13423, 10 USC 2802(c) and all other applicable laws and Executive Orders. Base Civil Engineer: Mr. Harry Briesmaster III (801) 777-7505. Hangar Addition: 543 SM = 5,842 SF; Hangar Alteration: 1,035 SM = 11,136 SF; AMU Alteration: 1,425 SM = 15,333 SF.

JOINT USE CERTIFICATION: Mission requirements, operational considerations, and location are incompatible with use by other components.

1. COMPONENT AIR FORCE	FY 2012 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
3. INSTALLATION AND LOCATION HILL AIR FORCE BASE, UTAH	4. PROJECT TITLE F-35 ADAL HANGAR 45E/AMU	

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
27142	211-111	KRSM103011	6,800

12. SUPPLEMENTAL DATA:

a. Estimated Design Data:

(1) Project to be accomplished by design-build procedures

(2) Basis:

(a) Standard or Definitive Design - NO

(b) Where Design Was Most Recently Used -

(3) All Other Design Costs 272

(4) Construction Contract Award 12 FEB

(5) Construction Start 12 MAR

(6) Construction Completion 14 JAN

(7) Energy Study/Life-Cycle analysis was/will be performed YES

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

EQUIPMENT NOMENCLATURE	PROCURING APPROPRIATION	FISCAL YEAR APPROPRIATED OR REQUESTED	COST ($000)
COMMUNICATIONS EQUIPMENT	3080	12	300
FURNISHINGS	3400	12	200
SECURITY SYSTEMS	3080	12	150

1. COMPONENT AIR FORCE	**FY 2012 MILITARY CONSTRUCTION PROGRAM**	2. DATE
3. INSTALLATION AND LOCATION JB LANGLEY-EUSTIS, FORT EUSTIS VIRGINIA	4. COMMAND: AIR COMBAT COMMAND	5. AREA CONST COST INDEX 0.97

6. Personnel	PERMANENT			STUDENTS			SUPPORTED			
Strength	OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV	TOTAL
AS OF 30 SEP 10	2253	7361	3589	0	2	0	0	0	306	13,511
END FY 2015	2161	7111	3469	0	2	0	0	0	306	13,049

7. INVENTORY DATA ($000)

a. Total Acreage:	3,168	
b. Inventory Total as of : (30 Sep 10)		3,735,796
c. Authorization Not Yet in Inventory:		10,000
d. Authorization Requested in this Program:		50,000
e. Planned in Next Four Years Program:		64,500
f. Remaining Deficiency:		101,000
g. Grand Total:		3,961,296

8. PROJECTS REQUESTED IN THIS PROGRAM: (FY 2012)

CATEGORY CODE	PROJECT TITLE	SCOPE		COST $,000	DESIGN START	STATUS CMPL
721-312	AIT Barracks Complex, Ph 2	300	RM	50,000	Jun-10	Sep-11
		Total		50,000		

9a. Future Projects: Typical Planned Next Four Years:

211-179	Fuel System Maintenance Dock		21,500
610-249	Air Base Wing Headquarters Facility		21,000
721-312	Dormitory (168 Rm)		22,000
		Total	64,500

9b. Real Property Maintenance Backlog This Installation: ($M) 84

10. Mission or Major Functions: Headquarters Air Combat Command; a fighter wing with F-22A and F-15 fighters; an airlift flight; an intelligence group; Aerospace Command and Control Intelligence, Surveillance and Reconnaissance Center (AC2ISRC), Detachment of the USAF Doctrine Center; and the Air Force Rescue Coordination Center.

11. Outstanding Pollution and Safety (OSHA Deficiencies):

a. Air pollution	0
b. Water Pollution	0
c. Occupational Safety and Health	0
d. Other Environmental	0

DD Form 1390, 9 Jul 02

1. COMPONENT	FY 2012 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AIR FORCE	(computer generated)	

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
JB LANGLEY-EUSTIS, FORT EUSTIS, VIRGINIA	AIT BARRACKS COMPLEX, PHASE 2

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
27576	721-313	WACC120007	50,000

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITIES				37,684
BARRACKS / COMPANY OPS FACILITIES	SM	17,280	2,123	(36,688)
GEN PURPOSE STORAGE FACILITY	SM	186	1,473	(274)
SDD & EPACT 05	LS			(722)
SUPPORTING FACILITIES				7,378
PAVEMENTS	LS			(613)
SITE IMPROVEMENTS	LS			(1,127)
UTILITIES	LS			(3,084)
SPECIAL FOUNDATIONS	LS			(910)
PASSIVE FORCE PROTECTION MEASURES	LS			(846)
COMMUNICATIONS	LS			(798)
SUBTOTAL				45,062
CONTINGENCY (5.0%)				2,253
TOTAL CONTRACT COST				47,315
SUPERVISION, INSPECTION AND OVERHEAD (5.7%)				2,697
TOTAL REQUEST				50,012
TOTAL REQUEST (ROUNDED)				50,000
EQUIPMENT FROM OTHER APPROPRIATIONS (NON-ADD)				(5,321.0)

10. Description of Proposed Construction: Reinforced concrete foundation and floor slab, brick masonry walls, standing seam metal roof, site improvements, utilities, fire detection/protection, landscaping, pavements, special foundation system including: select compacted fill and drilled piers; communication support, demolition of nine buildings (4,222 SM), asbestos abatement and all other necessary support. This project will comply with DoD antiterrorism/force protection requirements per Unified Facilities Criteria.

Air Conditioning: 650 Tons

11. Requirement: 2305 PN Adequate: 332 PN Substandard: 1181 PN

PROJECT: AIT Barracks Complex, Phase 2 (Current Mission)

REQUIREMENT: Standard design barracks facilities for an Advanced Individual Trainee (AIT) Complex. Primary facilities for this phase will house 600 soldiers and include 2 standard AIT barracks/company operations facilities, and a general purpose storage facility. Project includes special foundations, information systems, fire protection and alarm systems, Intrusion Detection System (IDS) installation, and Energy Monitoring Control Systems (EMCS) connection. Supporting facilities include site development, utilities and connections, lighting, paving, parking, walks, curbs and gutters, storm drainage, information systems, landscaping and signage, recreational areas for basketball and volleyball, and site improvements. Heating and air conditioning will be provided by self contained system. Project will comply with anti-terrorism and force protection requirements per Unified Facilities Criteria. This is phase 2 of a 4 phase AIT Barracks Complex.

CURRENT SITUATION: Ft Eustis currently uses 26,260 SM of Transient Unaccompanied Personnel Housing (UPH) AIT space in eight buildings built in 1953,1956 and 1958;

1. COMPONENT AIR FORCE	FY 2012 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
3. INSTALLATION AND LOCATION JB LANGLEY-EUSTIS, FORT EUSTIS, VIRGINIA	4. PROJECT TITLE AIT BARRACKS COMPLEX, PHASE 2	

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
27576	721-313	WACC120007	50,000

and 4,097 SM of Dining Facility space in five buildings built in 1958, 1967 and 2002 to support AIT students. Two of the barracks and four of the dining facilities have substandard Installation status report (ISR) condition codes. Due to the extremely high volume of soldiers in training, wear and tear on existing barracks is significant and accelerates facility degradation. Overuse has consistently led to significant failures of the plumbing, heating and air contitioning systems as well as significant rodent control issues. These issues result in increased illness and have previously resulted in declined health, increases in absences from training, training recycles and inactive student rates. This project will provide barracks that comply with Army Standards for initial entry training and AIT barracks and implement Department of the Army policies for separate and secure gender-integrated training facilities.

IMPACT IF NOT PROVIDED: Soldiers will continue to be housed in substandard facilities, resulting in impaired quality of life, increased potential for illness, lower morale and reduced retention rates.

ADDITIONAL: An economic analysis has been performed. It indicates new construction as the most feasible solution. Sustainable principles, to include Life Cycle cost-effective practices, will be integrated into the design, development, and construction of the project in accordance with Executive Order 13423, 10 USC 2802(c), and other applicable laws and Executive Orders. Base Civil Engineer: Mr. Mark Sciacchitano (757) 878 - 2642 (AIT Barracks Complex, Phase 2 17,280 SM = 186,000 SF; General Purpose Storage Facility 186 SM = 2,002 SF)

JOINT USE CERTIFICATION: This facility is programmed for joint use with the US Army; however, it is fully funded by the Air Force.

1. COMPONENT	FY 2012 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AIR FORCE	(computer generated)	

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
JB LANGLEY-EUSTIS, FORT EUSTIS, VIRGINIA	AIT BARRACKS COMPLEX, PHASE 2

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
27576	721-313	WACC120007	50,000

12. SUPPLEMENTAL DATA:

a. Estimated Design Data:

(1) Status:	
(a) Date Design Started	17-MAY-10
(b) Parametric Cost Estimates used to develop costs	YES
* (c) Percent Complete as of 01 JAN 2011	15%
* (d) Date 35% Designed	16-MAR-11
(e) Date Design Complete	15-SEP-11
(f) Energy Study/Life-Cycle analysis was/will be performed	YES
(2) Basis:	
(a) Standard or Definitive Design -	YES
(b) Where Design Was Most Recently Used -	Ft Eustis
(3) Total Cost (c) = (a) + (b) or (d) + (e):	($000)
(a) Production of Plans and Specifications	100
(b) All Other Design Costs	900
(c) Total	1,000
(d) Contract	900
(e) In-house	100
(4) Construction Contract Award	12 FEB
(5) Construction Start	12 MAR
(6) Construction Completion	13 SEP

* Indicates completion of Project Definition with Parametric Cost Estimate which is comparable to traditional 35% design to ensure valid scope, cost and executability.

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

EQUIPMENT NOMENCLATURE	PROCURING APPROPRIATION	FISCAL YEAR APPROPRIATED OR REQUESTED	COST ($000)
FURNITURE AND EQUIPMENT	3400	2014	5,121
COMMUNICATIONS EQUIPMENT	3080	2014	200

1. COMPONENT AIR FORCE	**FY 2012 MILITARY CONSTRUCTION PROGRAM**	2. DATE 1/5/2011
3. INSTALLATION AND LOCATION FAIRCHILD AIR FORCE BASE WASHINGTON	4. COMMAND: AIR MOBILITY COMMAND	5. AREA CONST COST INDEX 1.05

6. Personnel	(1) PERMANENT			(2) STUDENTS			(3) SUPPORTED			(4) TOTAL
	OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV	
AS OF 30 SEP 10	349	2,559	567	42	309	67	281	1,785	530	6,489
END FY 2015	349	2,559	567	42	309	67	281	1,785	530	6,489

7. INVENTORY DATA ($000)		
a. Total Acreage:	5823	
b. Inventory Total as of : (30 Sep 10)		3,874,001
c. Authorization Not Yet in Inventory:		43,150
d. Authorization Requested in this Program:		27,600
e. Planned in Next Four Years Program:		36,950
f. Remaining Deficiency:		78,100
g. Grand Total:		4,059,801

8. PROJECTS REQUESTED IN THIS PROGRAM: (FY 2012)

CATEGORY CODE	PROJECT TITLE	SCOPE	COST $,000	DESIGN START	STATUS CMPL
171-627	SERE Force Support Ph 2	3,299 SM	14,000	Design/Build	
610-249	Wing Headquarters	2,514 SM	13,600	Design/Build	
		Total	27,600		

9a. Future Projects: Planned Next Four Years:

131-117	Airfield Communications Facility		3,500
141-453	Base Operations Facility		8,600
218-868	PMEL Facility		4,850
219-944	CE, Contracting, MSG Complex, Phase 1		20,000
		Total	36,950

9b. Real Propery Maintenance Backlog This Installation: ($M)	90.0

10. Mission or Major Functions: An air refueling wing with four KC-135 squadrons; a UH-1 squadron; a WA ANG KC-135 squadron; home of USAF Survival School.

a. Air pollution	0
b. Water Pollution	0
c. Occupational Safety and Health	0
d. Other Environmental	0

DD Form 1390, 24 Jul 00

1. COMPONENT	FY 2012 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AIR FORCE	(computer generated)	

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
FAIRCHILD AIR FORCE BASE, WASHINGTON	SERE FORCE SUPPORT, PHASE 2

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
85976	171-627	GJKZ920012P2	14,000

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITY				9,422
SERE FORCE SUPPORT FACILITY	SM	3,299	2,800	(9,237)
SDD & EPACT 05	LS			(185)
SUPPORTING FACILITIES				2,717
DEMOLITION, VERTICAL	SM	5,712	130	(743)
BUILDING ABATEMENT	LS			(36)
SITE DEMOLITION	LS			(105)
UTILITIES INCLUDING WATER TANK	LS			(1,165)
SITE IMPROVEMENTS	LS			(669)
SUBTOTAL				12,139
CONTINGENCY (5.0%)				607
TOTAL CONTRACT COST				12,746
SUPERVISION, INSPECTION AND OVERHEAD (5.7%)				727
DESIGN/BUILD - DESIGN COST (4.0% OF SUBTOTAL)				486
TOTAL REQUEST				13,959
TOTAL REQUEST (ROUNDED)				14,000)
EQUIPMENT FROM OTHER APPROPRIATIONS (NON-ADD)				(1,600

10. Description of Proposed Construction: Reinforced concrete foundation, steel framing, insulated masonry shell and metal roof. Includes new squadron multi-use testing and training facility. Provides parking lot, landscaping, irrigation, and site improvements. Provides new water tank and distribution system for fire protection. Demolish 5,712 SM. Complies with DoD minimum anti-terrorism/force protection measures per Unified Facilities Criteria.

Air Conditioning: 100 Tons

11. Requirement: 3299 SM Adequate: 0 SM Substandard: 3233 SM

PROJECT: Construct a new Survival, Evasion, Resistance, and Escape (SERE) Force Support Complex (Current Mission).

REQUIREMENT: To provide administrative, testing and training space for the 22d Training Squadron's (22 TRS) training and support functions at the USAF's SERE School. The 22 TRS provides formal SERE training for the USAF and select Department of Defense air crews and high risk of capture personnel. This project is needed to provide adequate working conditions and consolidate SERE Command and Control (C2) functions into one facility within the new training campus. The current facilities are located a half-mile away from main campus training areas. The new facility combines all command training and support functions currently located in three separate buildings into one centralized facility on main campus. This will greatly improve C2 capabilities, increase efficiency and reduce coordination time.

CURRENT SITUATION: The current facilities were built in 1952 for purposes other than their current use which limits the ability to accommodate individual work space requirements and requires separation of related work areas. This results in poor quality of life and working conditions. It also hinders the coordination process between functions, decreases productivity, delays implementation of mission

1. COMPONENT AIR FORCE	FY 2012 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
FAIRCHILD AIR FORCE BASE, WASHINGTON	SERE FORCE SUPPORT, PHASE 2

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
85976	171-627	GJKZ920012P2	14,000

essential requirements and reduces the effectiveness of training provided. The age and condition of these facilities render renovation or modification inappropriate. Bldg 1342 is a converted dormitory which requires constant maintenance and repair, is not energy efficient, does not meet antiterrorism/force protection standards and has insufficient electrical capabilities. Electrical system is at capacity which does not allow any addition of air conditioning and minimal support of communication equipment needed to run an office, and is non-compliant for electrical codes. Bldg 1342 does not have fire alarm system resulting in multiple fire safety deficiencies that are a result of deteriorating fire walls and holes in the ceiling/wall. Command areas are geographically separated from each other which make coordination on all levels difficult and time consuming.

IMPACT IF NOT PROVIDED: SERE support personnel will continue to work in energy inefficient, degraded, poorly configured facilities without adequate computer power and improper environmental controls. The facility will continue to use scarce maintenance funding and labor ($143K per year, 1000 hrs/yr, and 145 WO/yr). These totals do not include costs to maintain and repair the failing utilities that support these buildings. Facility will continue to be heated by 1950s steam plant that has had numerous line breaks causing facilities to be unheated during our cold winters. This is a QoL issue as well as a safety issue since pipes freeze and break, causing flooding and mold problems in the basement. The age and condition of existing facilities make any renovation and modification uneconomical. Separated command sections will continue to make coordination between group, squadron, and individual work areas difficult and time consuming. Confusion, delays in work requirements implementation, and general communication breakdowns will continue.

ADDITIONAL: Prior project Phase 1, GJKZ920012P1, provides space for the 336th Training Group and 66th Training Squadron. This project meets the criteria/scope specified in the Air Force Handbook 32-1084, "Facility Requirements." A preliminary analysis of reasonable options for accomplishing this project (status quo, renovation, upgrade/remodel, new construction and leasing) was done. New construction was found to be the most cost efficient over the life of the project and was the only option that meets operational requirements. An Economic Analysis waiver was completed. Sustainable principles, to include Life Cycle cost-effective practices, will be integrated into the design, development and construction of the project in accordance with Executive Order 13423, 10 USC 2802 (c), and other applicable laws and Executive orders. Base Civil Engineer: Lt Col Dean T. Hitchcock, (509) 247-2291. SERE Force Support Complex, Phase 2: 3,299 SM = 35,509 SF.

JOINT USE CERTIFICATION: This facility can be used by other components on an "as available" basis; however, the scope of the project is based on Air Force requirements.

1. COMPONENT AIR FORCE	FY 2012 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
FAIRCHILD AIR FORCE BASE, WASHINGTON	SERE FORCE SUPPORT, PHASE 2

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
85976	171-627	GJKZ920012P2	14,000

12. SUPPLEMENTAL DATA:

a. Estimated Design Data:

(1) Project to be accomplished by design-build procedures

(2) Basis:

(a) Standard or Definitive Design - NO

(b) Where Design Was Most Recently Used -

(3) All Other Design Costs 560

(4) Construction Contract Award 12 FEB

(5) Construction Start 12 MAR

(6) Construction Completion 13 OCT

(7) Energy Study/Life-Cycle analysis was/will be performed YES

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

EQUIPMENT NOMENCLATURE	PROCURING APPROPRIATION	FISCAL YEAR APPROPRIATED OR REQUESTED	COST ($000)
COMMUNICATIONS	3400	2013	800
FURNITURE	3400	2013	800

1. COMPONENT	FY 2012 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AIR FORCE	(computer generated)	

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
FAIRCHILD AIR FORCE BASE, WASHINGTON	WING HEADQUARTERS

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
41976	610-249	GJKZ860009	13,600

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITIES				9,435
WING HEADQUARTERS	SM	2,514	3,680	(9,252)
SDD & EPACT05	LS			(183)
SUPPORTING FACILITIES				2,309
UTILITIES	LS			(110)
SITE IMPROVEMENTS	LS			(883)
PAVEMENTS	LS			(654)
COMMUNICATIONS	LS			(240)
DEMOLITION - VERTICAL	SM	3,546	119	(422)
SUBTOTAL				11,744
CONTINGENCY (5.0%)				587
TOTAL CONTRACT COST				12,331
SUPERVISION, INSPECTION AND OVERHEAD (5.7%)				703
DESIGN/BUILD - DESIGN COST (4.0% OF SUBTOTAL)				470
TOTAL REQUEST				13,503
TOTAL REQUEST (ROUNDED)				13,600)
EQUIPMENT FROM OTHER APPROPRIATIONS (NON-ADD)				(1,500

10. Description of Proposed Construction: Reinforced concrete foundation, steel framing, insulated masonry shell and metal roof facility. Includes all associated utilities, site work, paving, landscaping and all other necessary work. Demolish one building (3,546 SM). Complies with DoD minimum anti-terrorism/force protection measures per Unified Facilities Criteria.

Air Conditioning: 65 Tons

11. Requirement: 2514 SM Adequate: 0 SM Substandard: 3213 SM

PROJECT: Wing Headquarters (Current Mission).

REQUIREMENT: Adequate facilities are needed for the associated 92d Air Refueling Wing (ARW) and 141st ARW command and control functions. This project will construct a command and control center to house the active duty 92d ARW and Air National Guard 141st ARW commanders, wing staffs (Public Affairs, and Protocol), and Judge Advocate General.

CURRENT SITUATION: The existing associated wing headquarters, Bldg 2285, is a 1943 wood-frame structure which is not economically feasible to restore (required repairs exceed 70% of replacement cost). An analysis of the facility identified life safety, fire, force protection, electrical, mechanical, energy, and ADA code deficiencies so extensive that replacement of the facility is the only viable option. The facility does not have a fire suppression system and has limited fire detection/alarms resulting in a fire safety deficiencies. It also fails to meet the minimum force protection standards as directed in UFC 4-010-01. As a Critical, Primary Gathering Facility, it fails all Antiterrorism Standards for providing standoff, preventing collapse, minimizing flying debris, effective building layout, limiting airborne contamination, and providing mass notification. The electrical panels are undersized for the required loads. As electrical equipment was developed over the years, the panels and feeders quickly became overloaded.

1. COMPONENT AIR FORCE	FY 2012 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
FAIRCHILD AIR FORCE BASE, WASHINGTON	WING HEADQUARTERS

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
41976	610-249	GJKZ860009	13,600

Temperature control for most areas is provided by portable air conditioners and electric heaters. In addition, the facility lacks an elevator for handicapped access to the second floor, restrooms that accommodate wheelchairs, and areas of refuge to allow a safe haven for wheelchair bound persons awaiting rescue.

IMPACT IF NOT PROVIDED: Scarce facility maintenance funds (143 work orders, 1,471 hrs at a cost of $645K annually) will continue to be spent on an outdated facility that was not designed for the current functions. The inability to replace this structure will severely limit the ability of the installation to meet wing missions, and provide personal comfort to the command and legal staffs. Utility costs will continue to increase from $60K per year and the facility will continue to be non-compliant with DoD energy mandates.

ADDITIONAL: This project meets the criteria scope specified in AFH 32-1084, "Facility Requirements". As a Critical, Primary Gathering Facility, the new structure requires measures to stop a vehicle at the 25 meter setback. Passive Force Protection Measures are also required to block direct driving access coming from the main gate to the facility. An economic analysis has been prepared comparing alternatives of Status Quo, Renovation, and New Construction. Based on the net present values and benefits of the respective alternatives, New Construction was found to be the most cost-effective over the life of the project. Sustainable principles will be integrated into design, development, and construction of the project in accordance with Executive Order 13423, 10 USC 2802 (c), and other applicable laws and Executive orders. Base Civil Engineer: Dean T. Hitchcock, Lt Col, Comm: 509-247-2291. (Wing Headquarters: 2,514 SM = 27,051 SF)

JOINT USE CERTIFICATION: This facility can be used by other components on an "as available" basis, however, the scope of the project is based on Air Force requirements.

1. COMPONENT AIR FORCE	FY 2012 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
3. INSTALLATION AND LOCATION FAIRCHILD AIR FORCE BASE, WASHINGTON	4. PROJECT TITLE WING HEADQUARTERS	

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
41976	610-249	GJKZ860009	13,600

12. SUPPLEMENTAL DATA:

a. Estimated Design Data:

(1) Project to be accomplished by design-build procedures

(2) Basis:

(a) Standard or Definitive Design - NO

(b) Where Design Was Most Recently Used -

(3) All Other Design Costs 544

(4) Construction Contract Award 12 FEB

(5) Construction Start 12 MAR

(6) Construction Completion 13 OCT

(7) Energy Study/Life-Cycle analysis was/will be performed YES

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

EQUIPMENT NOMENCLATURE	PROCURING APPROPRIATION	FISCAL YEAR APPROPRIATED OR REQUESTED	COST ($000)
FURNITURE	3400	2013	750
COMMUNICATIONS	3400	2013	750

1. COMPONENT AIR FORCE	**FY 2012 MILITARY CONSTRUCTION PROGRAM**	2. DATE

3. INSTALLATION AND LOCATION	4. COMMAND:	5. AREA CONST COST INDEX
RAMSTEIN AIR BASE GERMANY	UNITED STATES AIR FORCES IN EUROPE	1.1

6. Personnel Strength	PERMANENT			STUDENTS			SUPPORTED			
	OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV	TOTAL
AS OF 30 SEP 10	1,284	5,674	2,624	0	0	0	137	1096	200	11,015
END FY 2015	1,193	5,337	2,605	0	0	0	139	1152	200	11,449

7. INVENTORY DATA ($000)		
a. Total Acreage:	5,061	
b. Inventory Total as of : (30 Sep 10)		8,394,658
c. Authorization Not Yet in Inventory:		203,509
d. Authorization Requested in this Program:		34,697
e. Planned in Next Four Years Program:		100,500
f. Remaining Deficiency:		770,400
g. Grand Total:		9,503,764

8. PROJECTS REQUESTED IN THIS PROGRAM: (FY 2012)

CATEGORY CODE	PROJECT TITLE	SCOPE		COST $,000	DESIGN START	STATUS CMPL
721-312	Dormitory (192 RM)	192	RM	34,697	Aug-10	Sep-10
		Total		34,697		

9a. Future Projects:	Typical Planned Next Four Years:	
141-753	37 AS Squadron Ops/AMU	14,400
721-312	Dormitory 192 RM	34,500
721-312	Dormitory (192 RM)	33,600
831-165	Airfield Ponding Drainage System	18,000
	Total	100,500

9b. Real Propery Maintenance Backlog This Installation: ($M)	175

10. Mission or Major Functions: Home of the 86th Airlift Wing, Headquarters US Air Forces in Europe, 3rd AF, 17th AF, as well as the NATO Headquarters Air North. Ramstein AB is the central airlift hub for strategic and tactical airlift within the European theater. The wing's mission is the operation and maintenance of airlift assets composed of C-130s for tactical airlift, a C-40, C-20s & C-21s for DV airlift throughout Europe, Africa, and the Middle East.

11. Outstanding pollution and Safety (OSHA Deficiencies):	
a. Air pollution:	0
b. Water Pollution:	0
c. Occupational Safety and Health	0
d. Other Environmental:	0

DD Form 1390, 24 Jul 00

1. COMPONENT	FY 2012 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AIR FORCE	(computer generated)	

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
RAMSTEIN AIR BASE, GERMANY	DORMITORY (192 RM)

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
27576	721-312	TYFR063017	34,697

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
CONSTRUCT DORMITORY, 192RM				25,761
DORMITORY	SM	7,296	2,385	(17,401)
PARKING STRUCTURE	SP	360	21,803	(7,849)
SDD & EPACT05	LS			(511)
SUPPORTING FACILITIES				5,291
UTILITIES & STORMWATER DRAINAGE	LS			(910)
WALKWAYS & PAVEMENTS	LS			(391)
SITE DEVELOPMENT & IMPROVEMENTS	LS			(250)
ELEVATORS	LS			(238)
EXTERIOR COMMUNICATION SUPPORT	LS			(220)
ENVIRONMENTAL SUPPORT	LS			(35)
PASSIVE FORCE PROTECTION MEASURES	LS			(400)
RELOCATION OF HOST NATION KANTINE	SM	500	3,324	(1,662)
DEMOLITION OF BUILDING 2413	SM	7,451	159	(1,185)
SUBTOTAL				31,052
CONTINGENCY (5.0%)				1,553
TOTAL CONTRACT COST				32,604
SUPERVISION, INSPECTION AND OVERHEAD (6.5%)				2,119
TOTAL REQUEST				34,724
TOTAL REQUEST (ROUNDED)				34,697
EQUIPMENT FROM OTHER APPROPRIATIONS (NON-ADD)				(1,602.0)

10. Description of Proposed Construction: Multi-story structure with reinforced concrete foundations and floor slabs, masonry walls, fire suppression and sloped roof systems. Construction will be in accordance with the current Air Force Enlisted Dormitory Design Guide and consist of four-bedroom modules. Scope includes upgrade of the electrical substation, and all other utilities, elevators, laundries, storage and lounge areas, as well as a parking structure with site development and landscaping. The work also includes the relocation of the Host Nation Kantine being displaced by the construction, demoliton of one existing building, all other necessary support, and will be in compliance with current US Air Force and German regulations. This project will comply with DoD antiterrorism/force protection requirements per the Unified Facilities Criteria.

Air Conditioning: 0 Tons Grade Mix: E1-E4 192

11. Requirement: 1555 RM Adequate: 293 RM Substandard: 1622 RM

PROJECT: Dormitory 192 RM (Current Mission).

REQUIREMENT: A major Air Force objective provides unaccompanied enlisted personnel with housing conducive to their rest, relaxation, and personal well-being. Properly designed and furnished quarters providing some degree of individual privacy are essential to the successful accomplishment of the increasingly complicated jobs these people must perform. The retention of these highly trained airmen is essential to our readiness posture and continuing world-wide presence. As Ramstein AB is an overseas location with a sensitive mission, the dormitory must

1. COMPONENT AIR FORCE	FY 2012 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
RAMSTEIN AIR BASE, GERMANY	DORMITORY (192 RM)

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
27576	721-312	TYFR063017	34,697

be constructed to deter terrorist activity and protect occupants from terrorist attack. This project is in accordance with the 2008 Air Force Dormitory Master Plan (AFDMP), which analyzed dormitories plus campus infrastructure, and rated building #2413 at Ramstein AB as inadequate "Tier 1" dorm. This dormitory will be demolished as a part of this project, after completion of the new structure.

CURRENT SITUATION: Existing Building 2413 (Tier 1 Dorm, 2008 AFDMP) is unable to be renovated to meet USAF dormitory design guide or to comply with AT/FP standards (renovation cost is 82% of replacement cost and would not satisfy AT/FP requirements). The base has insufficient on-base housing to adequately accommodate unaccompanied enlisted personnel in close proximity to their work center. The existing dormitories are scattered throughout the Kaiserslautern Military Community (KMC) area, and most are configured to the former 2 + 2 standard. This situation has created numerous unacceptable problems and hardships for unaccompanied enlisted personnel. Some airmen have their active duty workplace at Ramstein AB and their dorm room at Kapaun Annex, requiring them to commute back and forth.

IMPACT IF NOT PROVIDED: Adequate living quarters which provide a level of privacy required for today's airmen will not be available, resulting in degradation of morale, productivity, and career satisfaction for unaccompanied enlisted personnel. Therefore a major Air Force objective to provide unaccompanied enlisted personnel with "Dorms-4-Airmen" in accordance with the governing Air Force Enlisted Dormitory Design Guide cannot be satisfied, and the "Tier 1" dorm will continue to exist.

ADDITIONAL: This project is not currently eligible for NATO funding, and we do not anticipate it becoming eligible in the future, since it exceeds NATO Standard Criteria. The project scope of 38 square meters (SM) per person meets the criteria specified in AFD-070919-082, Unaccompanied Housing Design Guide, page 18, which states the gross module area for permanent party E1-E6 is 33 SM and is allowed an increase of 5 SM to support host-nation construction and energy specific requirements. Sustainable principles, to include life cycle cost-effective practices, will be integrated into the design, development, and construction of the project in accordance with Executive Order 13423, 10 USC 2802 (c), and other applicable laws and Executive Orders. Also a recently completed traffic study for Ramstein AB highly recommends the construction of parking structures in order to meet AT/FP stand-off distance requirements while building on the limited real estate available. All known alternatives were considered during the development of this project. No other option could meet mission requirements. Therefore an economic analysis was not performed. A certificate of exception has been prepared. FY 2009 Unaccompanied Housing RPM Conducted: $6,587K; FY 2010 Unaccompanied Housing RPM Conducted: $4,211K; Future Unaccompanied Housing RPM requirements (estimated): FY11: $6,097K; FY12: $8,872K; FY13: $4,629K; FY14: $6,591K; FY15: $4,230K.
BASE CIVIL ENGINEER: Col Douglas M. Hammer, 011-49-6371-6228. Dormitory, 192RM: 6,720SM = 72,333SF, Parking Structure 360 Spaces.

FOREIGN CURRENCY: FCF Budget Rate Used: EURO-DOLLAR .7491

JOINT USE CERTIFICATION: This facility can be used by other components on an "as available" basis; however, the scope of the project is based on Air Force requirements.

1. COMPONENT	FY 2012 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AIR FORCE	(computer generated)	

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
RAMSTEIN AIR BASE, GERMANY	DORMITORY (192 RM)

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
27576	721-312	TYFR063017	34,697

12. SUPPLEMENTAL DATA:

a. Estimated Design Data:

(1) Status:	
(a) Date Design Started	30-APR-10
(b) Parametric Cost Estimates used to develop costs	YES
* (c) Percent Complete as of 01 JAN 2011	15%
* (d) Date 35% Designed	16-MAR-11
(e) Date Design Complete	30-SEP-11
(f) Energy Study/Life-Cycle analysis was/will be performed	YES
(2) Basis:	
(a) Standard or Definitive Design -	YES
(b) Where Design Was Most Recently Used -	Kapaun Annex
(3) Total Cost (c) = (a) + (b) or (d) + (e):	($000)
(a) Production of Plans and Specifications	2,100
(b) All Other Design Costs	1,050
(c) Total	3,150
(d) Contract	2,678
(e) In-house	472
(4) Construction Contract Award	12 MAR
(5) Construction Start	12 APR
(6) Construction Completion	14 MAR

* Indicates completion of Project Definition with Parametric Cost Estimate which is comparable to traditional 35% design to ensure valid scope, cost and executability.

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

EQUIPMENT NOMENCLATURE	PROCURING APPROPRIATION	FISCAL YEAR APPROPRIATED OR REQUESTED	COST ($000)
KITCHENETTE EQUIPMENT	3400	2012	420
COMMUNICATION EQUIPMENT	3400	2012	30
FURNISHINGS	3400	2012	1,152

1. COMPONENT AIR FORCE	**FY 2012 MILITARY CONSTRUCTION PROGRAM**	2. DATE

INSTALLATION AND LOCATION	COMMAND:	5. AREA CONST
THULE AIR BASE	AIR FORCE SPACE	COST INDEX
GREENLAND	COMMAND	2.87

6. Personnel	PERMANENT			STUDENTS			SUPPORTED			
Strength	OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV	TOTAL
AS OF 30 SEP 10	25	111	2	0	0	0	0	0	685	823
END FY 2015	24	110	2	0	0	0	0	0	685	821

7. INVENTORY DATA ($000)

Total Acreage:	234,022	
Inventory Total as of : (30 Sep 10)		2,956,493
Authorization Not Yet in Inventory:		10,800
Authorization Requested in this Program:		28,000
Planned in Next Four Years Program:		20,000
Remaining Deficiency:		95,100
Grand Total:		3,110,393

8. PROJECTS REQUESTED IN THIS PROGRAM: (FY 2012)

CATEGORY CODE	PROJECT TITLE	SCOPE	COST $,000	DESIGN START	STATUS CMPL
721-312	Dormitory (72 RM)	72 RM	28,000	Design Build	
		Total	28,000		

9a. Future Projects: Typical Planned Next Four Years:

721-312	Dormitory (48 RM)		20,000
		Total	20,000

9b. Real Propery Maintenance Backlog This Installation ($M) 51

10. Mission or Major Functions: The base hosts a Space Warning Squadron that is designed to detect and track Intercontinental Ballistic Missiles (ICBMs) launched against North America; hosts a Space Operations Squadron--part of the global satellite control network; operates a 10,000 foot runway supporting 2,600 U.S. and international flights per year; and is home to the northernmost deep water port in the world.

11. Outstanding pollution and Safety (OSHA) Deficiencies:

a. Air pollution	0
b. Water Pollution	0
c. Occupational Safety and Health	0
d. Other Environmental	0

DD Form 1390, 24 Jul 00

1. COMPONENT	FY 2012 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AIR FORCE	(computer generated)	

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
THULE AIR BASE, GREENLAND	DORMITORY (72 PN)

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
31476	721-312	WWCX103033	28,000

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITIES				19,357
DORMITORY	SM	4,558	4,159	(18,957)
SDD & EPACT05	LS			(400)
SUPPORTING FACILITIES				4,866
UTILITIES	LS			(2,000)
SITE IMPROVEMENTS	LS			(1,900)
COMMUNICATIONS	LS			(714)
PAVEMENTS	LS			(252)
SUBTOTAL				24,223
CONTINGENCY (5.0%)				1,211
TOTAL CONTRACT COST				25,434
SUPERVISION, INSPECTION AND OVERHEAD (6.5%)				1,653
DESIGN/BUILD - DESIGN COST (4.0% OF SUBTOTAL)				969
TOTAL REQUEST				28,056
TOTAL REQUEST (ROUNDED)				28,000)
EQUIPMENT FROM OTHER APPROPRIATIONS (NON-ADD)				(654

10. Description of Proposed Construction: Construct a 3-story, 72 room dormitory with arctic foundation, steel frame, insulated panel exterior and pitched metal roof. Includes site improvements, utilities, and communications. Interior will consist of 72 rooms with interior corridor access to AFCEE Thule Dorm prototype configured modules supporting a grade mix of 32 E-4 (over 3 years) to E-6 (IAW Unit "D" Plan) plus 32 E-7 to E-9 / O-1 to O-3 (IAW Unit "B" Plan) plus 8 O-4 to O-10 (IAW Unit "A" Plan). This project will comply with DoD antiterrorism/force protection requirements per Unified Facilities Criteria.

Air Conditioning: 0 Tons

11. Requirement: 798 PN Adequate: 143 PN Substandard: 757 PN

PROJECT: Construct Dormitory (72 PN). (Current Mission)

REQUIREMENT: A major Air Force objective is to provide unaccompanied personnel with housing conducive to their proper rest, relaxation, and personal well-being. To achieve this goal, properly designed and furnished quarters providing some degree of individual privacy are essential at this remote arctic location. This project is in accordance with Air Staff guidance for quality of life improvement and meets the Air Force Unaccompanied Housing Design Guide criteria.

CURRENT SITUATION: As verified by the 2008 Air Force Dormitory Master Plan, the base has insufficient facilities to adequately accommodate unaccompanied personnel assigned to Thule AB, Greenland. The existing dormitories are classified as being "Tier 1" facilities, which should be replaced. Thule is a remote site located in an extreme arctic environment. Existing 58-year-old facilities provide deplorable living conditions and continue to degrade in the harsh arctic weather. All base personnel are required to reside in dormitories. This dorm project is critical as it will allow for movement of personnel from substandard living conditions to acceptable living conditions.

IMPACT IF NOT PROVIDED: Adequate living quarters, which provide a level of privacy

1. COMPONENT AIR FORCE	FY 2012 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
THULE AIR BASE, GREENLAND	DORMITORY (72 PN)

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
31476	721-312	WWCX103033	28,000

will not be available resulting in degradation of morale, productivity, and career satisfaction for unaccompanied personnel executing critical Air Force satellite control and Ballistic Missile Early Warning System (BMEWS) missions. This important quality of life issue is directly related to the AF priority to care for our Airmen. Continued status quo condition may also negatively impact AF retention.

ADDITIONAL: This project meets the criteria/scope specified in Air Force Handbook 32-1084, "Facility Requirements". A preliminary analysis of reasonable options for accomplishing this project (status quo, revitalization, renovation, upgrade/removal, new construction) was done. Based on the present value and benefits of the respective alternatives, new construction was found to be the most cost effective over the life of the project. It indicates there is only one option that will meet operational requirements. Because of this, a full economic analysis was not performed. A certificate of exception was prepared. Sustainable principles, to include life cycle cost-effective practices, will be integrated into the design, development, and construction of the project in accordance with Executive Order 13423, 10 USC 2802 (c) and other applicable laws and Executive laws and orders. Unaccompanied Housing RPM Conducted: FY09, $1,100K; FY10, $1,663K; FY11, $2,300K; FY12, $2,500K; FY13, $2,500K. 21 SW Base Civil Engineer: Lt Col Arno J. Bischoff, Commercial (719) 556-7631. Dormitory (72 Rm): 4,558 SM = 49,044 SF.

FOREIGN CURRENCY: FCF Budget Rate Used: DANISH KRONER 5.5819

JOINT USE CERTIFICATION: This facility can be used by other components on an "as available" basis; however, the scope of the project is based on Air Force requirements.

1. COMPONENT AIR FORCE	FY 2012 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
3. INSTALLATION AND LOCATION THULE AIR BASE, GREENLAND	4. PROJECT TITLE DORMITORY (72 PN)	

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
31476	721-312	WWCX103033	28,000

12. SUPPLEMENTAL DATA:

a. Estimated Design Data:

(1) Project to be accomplished by design-build procedures

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

(3) All Other Design Costs 1,120

(4) Construction Contract Award 12 FEB

(5) Construction Start 12 MAR

(6) Construction Completion 14 MAR

(7) Energy Study/Life-Cycle analysis was/will be performed YES

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

EQUIPMENT NOMENCLATURE	PROCURING APPROPRIATION	FISCAL YEAR APPROPRIATED OR REQUESTED	COST ($000)
COMMUNICATIONS EQUIPMENT	3400	2013	150
FURNISHINGS	3400	2013	504

1. COMPONENT AIR FORCE	**FY 2012 MILITARY CONSTRUCTION PROGRAM**	2. DATE

INSTALLATION AND LOCATION	COMMAND:	5. AREA CONST COST INDEX
JRM - ANDERSEN AIR FORCE BASE GUAM	PACIFIC AIR FORCES	2.64

6. Personnel Strength	PERMANENT			STUDENTS			SUPPORTED			
	OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV	TOTAL
AS OF 30 SEP 10	158	1,595	376	0	0	0	0	0	0	2,129
END FY 2015	158	1,643	383	0	0	0	0	0	0	2,184

7. INVENTORY DATA ($000)

a. Total Acreage:	20,270	
b. Inventory Total as of : (30 Sep 10)		6,145,097
c. Authorization Not Yet in Inventory:		121,877
d. Authorization Requested in this Program:		211,600
e. Planned in Next Four Years Program:		591,900
f. Remaining Deficiency:		775,459
g. Grand Total:		7,845,933

8. PROJECTS REQUESTED IN THIS PROGRAM: (FY 2012)

CATEGORY CODE	PROJECT TITLE	SCOPE		COST $,000	DESIGN START	STATUS CMPL
141-782	Air Freight Terminal Complex	3,916	SM	$35,000	May-10	Sep-11
116-672	Guam Strike - Clear Water Rinse Facility	3,355	SM	$7,500	Design-Build	
217-742	PRTC - Combat Communications Transmiss	958	SM	$5,600	Design-Build	
217-742	PRTC - Combat Communcations Combat Si	1,732	SM	$9,800	Design-Build	
219-944	PRTC - RED HORSE Cantonment Operatio	1,647	SM	$14,000	Design-Build	
216-642	Guam Strike - Convention Munition Mainten	710	SM	$11,700	Design-Build	
211-179	Guam Strike - Fuel Systems Maintenance H	5,310	SM	$128,000	Jun-10	Sep-11
			Total	$211,600		

9a. FUTURE PROJECTS: Typical Planned Next Four Years:

100-001	Guam Resiliency, Ph 2	$30,000
100-001	Guam Strike - Facilities	$151,000
100-001	Guam Strike - Facilities	$117,600
100-001	Guam Resiliency, Ph 3	$50,500
100-001	Guam Resiliency, Ph 4	$80,000
100-001	Guam Resiliency, Ph 5	$85,000
217-742	PRTC Combat Communications Infrastructure Facility	$5,200
219-943	PRTC RED HORSE Airfield Operations Facility	$10,000
219-947	PRTC RED HORSE Bulk Materials Storage Facility	$3,900
422-264	Munitions Storage Igloos	$5,000
422-264	Munitions Storage Igloos, phase 3	$30,000
610-127	PRTC - RED HORSE Logistics Facility	$8,700
740-675	Construct Base Library	$7,600
740-883	Consolidated Youth Program	$7,400
		$591,900

9b. Real Propery Maintenance Backlog This Installation ($M) 129

10. Mission or Major Functions: Andersen AFB is home to the 36th Wing (36 WG) with the primary mission to employ, deploy, integrate, and enable air and space forces from the most forward US sovereign air force base in the Pacific. Provides continuous bomber presence 365 days per year to support US Pacific Command. Provides a Contingency Response Group with a "911 force" capability to quickly deploy to any hot spot in the region to quickly open and operate an air base for both combat and humanitarian assistance missions. Hosts AMC air mobility squadron and Navy helicopter sea combat squadron.

11. Outstanding pollution and Safety (OSHA Deficiencies):

a. Air pollution	0
b. Water Pollution	0
c. Occupational Safety and Health	0
d. Other Environmental	0

1. COMPONENT	FY 2012 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AIR FORCE	(computer generated)	

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
JRM - ANDERSEN AIR FORCE BASE, GUAM	AIR FREIGHT TERMINAL COMPLEX

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
41976	141-782	AJJY983202	35,000

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITIES				22,879
CONSTRUCT AIR FREIGHT TERMINAL	SM	3,056	5,670	(17,328)
ADD BLDG 19020	SM	1,300	3,324	(4,321)
ALTER BLDG 19020	SM	781	1,000	(781)
SDD & EPACT 05	LS			(449)
SUPPORTING FACILITIES				8,800
UTILITIES	LS			(1,788)
SITE IMPROVEMENTS	LS			(2,308)
SIDEWALKS	LS			(885)
PAVEMENTS	LS			(2,286)
COMMUNICATIONS	LS			(720)
DEMOLITION - VERTICAL	SM	1,769	379	(670)
DEMOLITION - HORIZONTAL	LS			(144)
SUBTOTAL				31,679
CONTINGENCY (5.0%)				1,584
TOTAL CONTRACT COST				33,263
SUPERVISION, INSPECTION AND OVERHEAD (6.2%)				2,062
TOTAL REQUEST				35,325
TOTAL REQUEST (ROUNDED)				35,000
EQUIPMENT FROM OTHER APPROPRIATIONS (NON-ADD)				(7,300.0)

10. Description of Proposed Construction: New Air Freight Terminal Complex will include space for storage, packing and crating of shipments, docks, ramps, handling equipment, maintenance, and office and administration. Supporting facilities include site improvements, utility connections, parking and fencing, force protection, fire protection system, addition and alteration of Building 19020 to accommodate displaced HQ and AMU functions, and all other necessary work. The new facility will be located adjacent to the primary cargo parking area. Project incorporates typhoon resistant (up to 180 knot wind) and Seismic Area 4 construction criteria and road relocation. Demolishes 1,769 SM of facilities. This project will comply with DoD antiterrorism/force protection requirements per the Unified Facilities Criteria.

Air Conditioning: 50 Tons

11. Requirement: 3056 SM Adequate: 0 SM Substandard: 1612 SM

PROJECT: Air Freight Terminal Complex (Current Mission).

REQUIREMENT: An adequately sized and properly configured freight/fleet terminal is required to process, store and protect valuable DoD cargo, and accommodate a mechanized material handling system (MMHS). Functional spaces include (but not limited to) administrative offices, warehouse, supply, hazardous, sensitive, and Material Handling Equipment (MHE) storage. Provide adequate indoor cargo processing area and surge capabilities for contingencies and exercises. The capability for an Electronic Transfer Vehicle (ETV) is required for indoor pallet storage. This capability will maximize cargo storage and protect all

1. COMPONENT AIR FORCE	FY 2012 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
JRM - ANDERSEN AIR FORCE BASE, GUAM	AIR FREIGHT TERMINAL COMPLEX

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
41976	141-782	AJJY983202	35,000

inbound/outbound cargo. Emergency power is required to support the MMHS, reefer/medical storage, and for in transit visibility (ITV) operations. The surrounding parking and storage areas will require approximately 35,000 SM of pavement.

CURRENT SITUATION: The current air freight terminal, comprised of two facilities, is located nearly one-half mile travel distance from the primary cargo aircraft parking areas and requires the limited MHE to make numerous trips to the terminal. This puts an unnecessary strain on these high-cost MHE resources as they make round-trips to support cargo aircraft. Current MHE includes: four 40Ks, five 25Ks, seven 10Ks, five 4Ks, and four Tugs. Squadron command and control and storage are currently spread over three separate buildings, which prevent effective operations. The new terminal will house all of these functions in the same administration area. Warehouse spaces generally limit cargo handling to one operation at a time. Currently our average monthly tonnage is 1,000 short tons or 3,385 pieces of cargo. The current facility design provides space for only 50% of daily workload to be stored indoors. Lack of adequate storage space forces high value DoD cargo to be routinely stored outdoors, exposing it to torrential rainstorms, high heat, and extreme humidity in this tropical environment. During typhoons, which routinely occur, only 20 pallets of cargo can be stored inside due to space limitations. The rest must remain outside, and although covered to AMC standards, it is very susceptible to wind and water damage. The floor space of the current terminal would equal only the refrigerated holding areas at some AMC CONUS aerial ports with similar storage demands. With limited warehouse floor area, hazardous materials and general inbound/outbound cargo shipments are collocated in the same area and required hazardous cargo standoff distances cannot be maintained, requiring multiple handlings of cargo and bottlenecks in processing the shipments for air or surface. This also increases the chances of a HAZMAT incident. The existing design creates numerous safety concerns. Concrete structural support beams create serious vehicle mishap/pinning hazards.

IMPACT IF NOT PROVIDED: Mission capabilities will continue to be extremely limited, with no surge capabilities for exercises, emergencies or contingencies. The current storage, spread over two buildings, will continue to hamper effective operations. Personnel will have to continue to work in the sun, heat, and humidity while outside, and be exposed to exhaust fumes and potentially hazardous conditions while inside. These conditions not only affect the capabilities of the facilities but also have a serious negative impact on morale.

ADDITIONAL: This project meets the criteria/scope in Air Force Handbook 32-1084, "Facility Requirements." All known alternative options were considered during the development of this project. No other option could meet the mission requirement; no economic analysis was needed or performed. A certificate of exception has been prepared. Existing substandard facilities will be retained for other base functions. Sustainable principles, to include Life Cycle cost-effective practices, will be integrated into the design, development, and construction of the project in accordance with Executive Order 13423, 10 USC 2802 (c), and other applicable laws and Executive orders. BASE CIVIL ENGINEER: Lt Col Richard S. Mathews, (671) 366-7101. Construct Air Freight Terminal Complex: 3,056 SM = 32,870 SF; Add Building 19020: 1300 SM = 13,988 SF; Alter Building 19020: 781 SM = 8.404 SF.

JOINT USE CERTIFICATION: This facility can be used by other components on an "as available" basis; however, the scope is based on Air Force requirements.

1. COMPONENT	FY 2012 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AIR FORCE	(computer generated)	

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
JRM - ANDERSEN AIR FORCE BASE, GUAM	AIR FREIGHT TERMINAL COMPLEX

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
41976	141-782	AJJY983202	35,000

12. SUPPLEMENTAL DATA:

a. Estimated Design Data:

(1) Status:	
(a) Date Design Started	10-MAY-10
(b) Parametric Cost Estimates used to develop costs	YES
* (c) Percent Complete as of 01 JAN 2011	15%
* (d) Date 35% Designed	16-MAR-11
(e) Date Design Complete	30-SEP-11
(f) Energy Study/Life-Cycle analysis was/will be performed	YES
(2) Basis:	
(a) Standard or Definitive Design -	YES
(b) Where Design Was Most Recently Used -	
(3) Total Cost (c) = (a) + (b) or (d) + (e):	($000)
(a) Production of Plans and Specifications	2,100
(b) All Other Design Costs	1,050
(c) Total	3,150
(d) Contract	2,625
(e) In-house	525
(4) Construction Contract Award	12 FEB
(5) Construction Start	12 MAR
(6) Construction Completion	14 MAR

* Indicates completion of Project Definition with Parametric Cost Estimate which is comparable to traditional 35% design to ensure valid scope, cost and executability.

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

EQUIPMENT NOMENCLATURE	PROCURING APPROPRIATION	FISCAL YEAR APPROPRIATED OR REQUESTED	COST ($000)
COMMUNICATION EQUIPMENT	3080	2013	300
MECH MATERIAL HANDLING SYS	4930	2013	6,000
FURNISHINGS	3400	2013	1,000

1. COMPONENT	FY 2012 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AIR FORCE	(computer generated)	

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
JRM - ANDERSEN AIR FORCE BASE, GUAM	GUAM STRIKE-CLEAR WATER RINSE FACILITY

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
27576	116-672	AJJY123009	7,500

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITIES				4,856
CLEAR WATER RINSE PUMP HOUSE	SM	289	6,052	(1,749)
CLEAR WATER RINSE CONCRETE PAD	SM	3,066	138	(424)
WATER SUPPLY & PUMPS	LS			(1,370)
WAIST WATER RECLAIMATION TREAMENT	LS			(1,218)
SDD & EP ACT 05	LS			(95)
SUPPORTING FACILITIES				1,680
UTILITIES	LS			(293)
COMMUNICATIONS	LS			(56)
ENVIRONMENTAL REMEDIATION	LS			(87)
ARCHEOLOGICAL MONITORING	LS			(42)
PAVEMENTS	LS			(982)
SITE IMPROVEMENTS	LS			(20)
PAVEMENT DEMOLITION	LS			(200)
SUBTOTAL				6,536
CONTINGENCY (5.0%)				327
TOTAL CONTRACT COST				6,863
SUPERVISION, INSPECTION AND OVERHEAD (6.2%)				425
DESIGN/BUILD - DESIGN COST (4.0% OF SUBTOTAL)				261
TOTAL REQUEST				7,550
TOTAL REQUEST (ROUNDED)				7,500

10. Description of Proposed Construction: Construct a clear water rinse facility consisting of a reinforced concrete pumphouse, a 14 inch reinforced concrete pad, a below-ground rinse water supply tank, a valve control box, and a waste water sedimentation collection tank. Includes all utilities, site work (including pavements demolition), a pump house ventilation system, communications, and a fire suppression system. This project will comply with DoD antiterrorism force protection requirements per unified facilities criteria.

Air Conditioning: 0 Tons

11. Requirement: 289 SM Adequate: 0 SM Substandard: 0 SM

PROJECT: Construct a clear water rinse (CWR) facility. (New Mission)

REQUIREMENT: An adequately sized and configured drive-through facility is required to provide daily rinse capability for all aircraft in support of the Guam Strike mission. The CWR facility is required to support a Continuous Bomber Presence (CBP), Tanker Task Force (TTF), Theater Security Packages (TSP), and the Global Hawk beddown. This facility provides the capability to rinse highly corrosive salt from the skin of aircraft after the last flight of each day in accordance with Corrosion Control Technical Order 1-1-691 Change 2 October 2007, Section 3.2.3. Aircraft exposed to a salt water environment require a clear water rinse. Specific rinse requirements are as follows: All aircraft stationed at bases located within 1.25 miles (2 km) of salt water shall be CWR at least once every 15 days unless

1. COMPONENT AIR FORCE	FY 2012 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
JRM - ANDERSEN AIR FORCE BASE, GUAM	GUAM STRIKE-CLEAR WATER RINSE FACILITY

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
27576	116-672	AJJY123009	7,500

washed first. Aircraft flown at low level (under 3,000 feet) or making two or more take-offs and/or landings (including touch-and-go landings) over salt water require a CWR after the last flight of the day. All aircraft deployed to a location within 1.25 miles (2 km) of salt water for 10 days or more have the same CWR requirements as if stationed there. The facility requires a wash pad surface of 33,000 Square Feet (SF) and associated pump house, and rinse water contaminate tank and supply water tank.

CURRENT SITUATION: Andersen AFB does not possess the facilities necessary to meet the requirement for aircraft clear water rinses. Without a CWR facility, this is accomplished with workarounds, driving an increased workload for crew chiefs, and a requirement to manage the rinse water.

IMPACT IF NOT PROVIDED: Without this facility, Andersen AFB will be unable to provide efficient or proper clear water rinse capabilities to support the Guam Strike Program that includes Continuous Bomber Presence (CBP), Tanker Task Force (TTF), Theater Security Packages (TSP), and the Global Hawk beddown. Maintenance crews will have to continue to accomplish clear water rinses manually, consuming significant personnel resources. Readiness will be impaired, and significant degradation of operational capability will continue, while aircraft corrosion accelerates shortening aircraft lifespan and driving additional base and depot level maintenance.

ADDITIONAL: This project meets the criteria/scope specified in AFH 32-1084, "Facility Requirements". A preliminary analysis of reasonable options for satisfying this requirement indicates that only one option will meet mission needs. Therefore, a complete economic analysis was not performed. A certificate of exception has been prepared. Sustainable principles, to include Life Cycle cost-effective practices, will be integrated into the design, development, and construction of the project in accordance with Executive Order 13423, 10 USC 2802 (c), and other applicable laws and Executive Orders. Civil Engineer: Major Michael Staples 671-366-7101. Clear Water Rinse Facilty Pump House 289 SM = 2688 SF; Clear Water Rinse Concrete Pad 3,066 SM = 33,000 SF.

JOINT USE CERTIFICATION: This facility can be used by other components on an "as available" basis; however, the scope of the project is based on Air Force requirements.

1. COMPONENT AIR FORCE	FY 2012 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
3. INSTALLATION AND LOCATION JRM - ANDERSEN AIR FORCE BASE, GUAM	4. PROJECT TITLE GUAM STRIKE-CLEAR WATER RINSE FACILITY	

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
27576	116-672	AJJY123009	7,500

12. SUPPLEMENTAL DATA:

a. Estimated Design Data:

(1) Project to be accomplished by design-build procedures

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

(3) All Other Design Costs 300

(4) Construction Contract Award 12 FEB

(5) Construction Start 12 MAR

(6) Construction Completion 13 DEC

(7) Energy Study/Life-Cycle analysis was/will be performed YES

b. Equipment associated with this project provided from other appropriations:
N/A

1. COMPONENT	FY 2012 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AIR FORCE	(computer generated)	

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
JRM - ANDERSEN AIR FORCE BASE, GUAM	GUAM STRIKE COVENTIONAL MUNITION MAINTENANCE FACILITY

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
27576	216-642	AJJY123011	11,700

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITIES				5,096
CONVENTIONAL MUNITIONS MAINTENANCE FACILITY	SM	710	7,036	(4,995)
SDD & EP ACT 05	LS			(101)
SUPPORTING FACILITIES				5,028
UTILITIES	LS			(3,213)
SITE IMPROVEMENTS	LS			(186)
PAVEMENTS	LS			(230)
LIGHTNING PROTECTION	LS			(541)
ENVIRONMENTAL REMEDIATION	LS			(150)
ARCHEOLOGICAL MONITORING	LS			(75)
COMMUNICATIONS	LS			(633)
SUBTOTAL				10,124
CONTINGENCY (5.0%)				506
TOTAL CONTRACT COST				10,631
SUPERVISION, INSPECTION AND OVERHEAD (6.2%)				659
DESIGN/BUILD - DESIGN COST (4.0% OF SUBTOTAL)				405
TOTAL REQUEST				11,695
TOTAL REQUEST (ROUNDED)				11,700)
EQUIPMENT FROM OTHER APPROPRIATIONS (NON-ADD)				(985

10. Description of Proposed Construction: Construct facility consisting of reinforced concrete footings, foundations, floor slabs, and walls and roof decking with membrane covering. Roof decking will be supported with pre-stressed concrete beams. The project will include electrical, mechanical, water, communication, fire suppression and detection, intrusion detection, heating/air conditioning system with temperature and humidity environmental controls, utilities, pavements, parking, associated site improvements, archeological monitoring, and all necessary supporting facilities for a complete and usable facility. The facility must be able to withstand 190 mile-per-hour typhoon winds for doors, windows, roofs (170 mile-per-hour for other structural elements) and Seismic Zone 4 earthquake criteria This project will comply with DoD Antiterrorism and Force Protection requirements per Unified Facilities Criteria.

Air Conditioning: 52 Tons

11. Requirement: 710 SM Adequate: 0 SM Substandard: 900 SM

PROJECT: Construct a conventional munitions maintenance facility (CMMF). (New Mission)

REQUIREMENT: An adequately sized and configured CMMF is required to perform maintenance operations, including assembly, disassembly, corrosion control, testing and troubleshooting, repair, routine disposal, demilitarization, and time compliance technical orders (TCTO) on various munitions components and containers. The CMMF facility is required to support a Continuous Bomber Presence (CBP), Tanker Task Force (TTF), Theater Security Packages (TSP), and the Global Hawk beddown. The maintenance facility consists of drive-through work bays, office space, tool room,

1. COMPONENT AIR FORCE	FY 2012 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
JRM - ANDERSEN AIR FORCE BASE, GUAM	GUAM STRIKE COVENTIONAL MUNITION MAINTENANCE FACILITY

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
27576	216-642	AJJY123011	11,700

a training ready room, latrines, and supporting functions, to include electrical, mechanical, and janitor's closet. Air Force Handbook (AFH) 32-1084 Facility Requirements, September 1996 specifies a minimum of three, 9.1-meter by 15.2-meter (30 feet by 50 feet) work bays are required. The facility requires 7,637 gross square feet (GSF).

CURRENT SITUATION: The existing facility is in extremely poor condition and provides for limited capability. The specific bomber mission being supported impacts what will be available to support the fighters. Without this facility, Andersen AFB will not be able to properly maintain munitions used by high priority weapons systems.

IMPACT IF NOT PROVIDED: Without this facility, Andersen AFB will be unable to provide CMMF capabilities to support a Continuous Bomber Presence (CBP), Tanker Task Force (TTF), Theater Security Packages (TSP), and the Global Hawk beddown. Lack of this facility would significantly impact readiness and proficiency, and could result in substantial degradation of operational capability, and may increase the potential for a serious mishap.

ADDITIONAL: This project meets the criteria/ scope specified in Air Force Handbook 32-1084, Facility Requirements and PACAF Logistics Facilities Planning Guide. A preliminary analysis of reasonable options for satisfying this requirement indicates that only one option will meet mission needs. Therefore, a complete economic analysis was not performed. A certificate of exception has been prepared. Sustainable principles, to include Life Cycle cost-effective practices, will be integrated into the design, development, and construction of the project in accordance with Executive Order 13423, 10 USC 2802 (c), and other applicable laws and Executive Orders. The Air Force Sustainable Design and Development Policy dated 31 July 2007 requires the project to be LEED Silver certified. The primary facility costs accounts for 19 of the required 50 credits. 31 additional credits are required to achieve LEED Silver certification. Base Civil Engineer: Lt Col Richard S. Mathews, (671) 366-7101. Conventional Munitions Maintenance Facility 710 SM (7,637 SF).

JOINT USE CERTIFICATION: This facility can be used by other components on an "as available" basis; however, the scope of the project is based on Air Force requirements. This project supports Total Force Integration initiatives.

1. COMPONENT AIR FORCE	FY 2012 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
JRM - ANDERSEN AIR FORCE BASE, GUAM	GUAM STRIKE COVENTIONAL MUNITION MAINTENANCE FACILITY

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
27576	216-642	AJJY123011	11,700

12. SUPPLEMENTAL DATA:

a. Estimated Design Data:

(1) Project to be accomplished by design-build procedures

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

(3) All Other Design Costs 468

(4) Construction Contract Award 12 FEB

(5) Construction Start 12 MAR

(6) Construction Completion 13 DEC

(7) Energy Study/Life-Cycle analysis was/will be performed YES

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

EQUIPMENT NOMENCLATURE	PROCURING APPROPRIATION	FISCAL YEAR APPROPRIATED OR REQUESTED	COST ($000)
FURNISHINGS	3400	2012	260
MAINTENANCE EQUIPMENT	3080	2012	725

1. COMPONENT	FY 2012 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AIR FORCE	(computer generated)	

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
JRM - ANDERSEN AIR FORCE BASE, GUAM	GUAM STRIKE FUEL SYSTEMS MAINTENANCE HANGAR

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
27576	211-179	AJJY123010	128,000

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITIES				111,269
FUEL SYSTEMS MAINTENANCE HANGARS	SM	5,310	20,544	(109,087)
SDD & EP ACT 05	LS			(2,182)
SUPPORTING FACILITIES				3,870
SITE IMPROVEMENTS	LS			(631)
UTILITIES	LS			(1,595)
PAVEMENT	LS			(1,001)
COMMUNICATIONS	LS			(206)
INJECTION WELLS (ABANDON AND REP)	LS			(237)
ENVIRONMENTAL REMEDIATION	LS			(150)
ARCHEOLOGICAL MONITORING	LS			(50)
SUBTOTAL				115,139
CONTINGENCY (5.0%)				5,757
TOTAL CONTRACT COST				120,896
SUPERVISION, INSPECTION AND OVERHEAD (6.2%)				7,496
TOTAL REQUEST				128,391
TOTAL REQUEST (ROUNDED)				128,000
EQUIPMENT FROM OTHER APPROPRIATIONS (NON-ADD)				(2,000.0)

10. Description of Proposed Construction: Construct a Fuel Systems Maintenance Hangar. The hangar is to be constructed of cast-in-place reinforced concrete consisting of an arched roof supported on three sides by vertical walls. The height of the side walls is set to 34 feet and the height at the center of the arch is set to 68 feet. The arched roof is strengthened with ribs spaced at approximately 31 feet on center. These ribs extend from the roof to the foundation, acting as buttresses for the walls. The roof and side walls are 3 feet 6 inches thick, and the cross-sectional dimensions of the ribs are 3 feet 6 inches wide by 8 feet deep. The front of the shelter, which is not supported on a wall, is covered by a system of horizontally and vertically sliding steel doors that allow the aircraft to enter and exit the shelter. The horizontally sliding doors are partitioned into four sections that slide independently. The vertically sliding door consists of a single section that, in the closed (down) position, provides lateral support to the horizontal doors. The door system is an assembly of steel plates, channels, and tubes. The supporting foundation requires 90,535 SF and is 8 feet thick . The project will include electrical, mechanical, water, communication, fire suppression/detection, intrusion detection, heating/air conditioning system with temperature and humidity environmental controls, utilities, pavements, breathing-air system, parking, associated site improvements, archeological monitoring and all necessary supporting facilities for a complete and usable facility The facility must be able to withstand 190 mile-per-hour typhoon winds for doors, windows, roofs (170 mile-per-hour for other structural elements) and Seismic Zone 4 earthquake criteria. This project will comply with DoD force protection requirements per Unified Facilities Criteria.

Air Conditioning: 15 Tons

1. COMPONENT AIR FORCE	FY 2012 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
JRM - ANDERSEN AIR FORCE BASE, GUAM	GUAM STRIKE FUEL SYSTEMS MAINTENANCE HANGAR

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
27576	211-179	AJJY123010	128,000

11. Requirement: 5310 SM Adequate: SM Substandard: SM

PROJECT: Construct a fuel systems maintenance hangar. (New Mission)

REQUIREMENT: An adequately sized and configured facility is required to provide repairs, functionality checks, and inspections on aircraft fuel systems, fuel tanks, hydrazine systems, and related components in support of the Guam Strike mission. The Fuel Systems Maintenance Hangar is required to support a Continuous Bomber Presence (CBP), Tanker Task Force (TTF), Theater Security Packages (TSP), and the Global Hawk beddown. This facility is authorized a single aircraft parking bay and support space for heating, plumbing, latrines, ventilation, compressed air, and fire detection and suppression. The Fuel Systems Hangar includes space for bench stock/special tools storage, HAZMAT storage, and administrative support functions.

CURRENT SITUATION: The existing Hangar 1 provides limited fuel systems maintenance capability and also provides critical B-2 low observable repair capability. Currently this configuration does not meet the overall fuel systems maintenance requirement. The 36th Wing (WG) has designated and certified two parking spaces on the center parking ramp as fuel systems maintenance areas, which is acceptable for minor repairs during contingency operations. The fuel systems workload requires a full-time, diverse, integrated, fuels system maintenance capability. Hangar One contains the safety and utility functions to provide a limited fuel system repair capability for large frame aircraft; however, to meet unique operational requirements, it cannot be dedicated to the frequent and lengthy repairs associated with home station aircraft.

IMPACT IF NOT PROVIDED: Without this facility, Andersen AFB will be unable to provide adequate maintenance to aircraft fuel systems to support a Continuous Bomber Presence (CBP), Tanker Task Force (TTF), Theater Security Packages (TSP), and the Global Hawk beddown. Lack of this facility would significantly reduce readiness, and could result in degradation of operational capability, and may increase potential for a serious mishap.

ADDITIONAL: This project meets the criteria/ scope specified in Air Force Handbook 32-1084, Facility Requirements and PACAF Logistics Facilities Planning Guide. A preliminary analysis has been performed and determined that the only viable option is to construct a new Fuel Systems Maintenance Hangar. Therefore, a complete economic analysis was not performed. A certificate of exception has been prepared. Sustainable principles, to include Life Cycle cost-effective practices, will be integrated into the design, development, and construction of the project in accordance with Executive Order 13423, 10 USC 2802 (c), and other applicable laws and Executive Orders. Base Civil Engineer: Lt Col Richard S. Mathews (671) 366-7101. Hangar 5,310 SM = 57,160 SF.

JOINT USE CERTIFICATION: This facility can be used by other components on an "as available" basis; however, the scope of the project is based on Air Force requirements. This project supports Total Force Integration initiatives.

1. COMPONENT	FY 2012 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AIR FORCE	(computer generated)	

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
JRM - ANDERSEN AIR FORCE BASE, GUAM	GUAM STRIKE FUEL SYSTEMS MAINTENANCE HANGAR

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
27576	211-179	AJJY123010	128,000

12. SUPPLEMENTAL DATA:

a. Estimated Design Data:

(1) Status:	
(a) Date Design Started	16-JUN-10
(b) Parametric Cost Estimates used to develop costs	YES
* (c) Percent Complete as of 01 JAN 2011	15%
* (d) Date 35% Designed	16-MAR-11
(e) Date Design Complete	30-SEP-11
(f) Energy Study/Life-Cycle analysis was/will be performed	YES
(2) Basis:	
(a) Standard or Definitive Design -	NO
(b) Where Design Was Most Recently Used -	
(3) Total Cost (c) = (a) + (b) or (d) + (e):	($000)
(a) Production of Plans and Specifications	7,680
(b) All Other Design Costs	3,840
(c) Total	11,520
(d) Contract	9,600
(e) In-house	1,920
(4) Construction Contract Award	12 FEB
(5) Construction Start	12 MAR
(6) Construction Completion	14 JUN

* Indicates completion of Project Definition with Parametric Cost Estimate which is comparable to traditional 35% design to ensure valid scope, cost and executability.

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

EQUIPMENT NOMENCLATURE	PROCURING APPROPRIATION	FISCAL YEAR APPROPRIATED OR REQUESTED	COST ($000)
FURNISHINGS	3400	2012	650
SHOP EQUIPMENT	3080	2012	1,350

1. COMPONENT	FY 2012 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AIR FORCE	(computer generated)	

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
JRM - ANDERSEN AIR FORCE BASE, GUAM	PRTC - COMBAT COMMUNICATIONS COMBAT SUPPORT FACILITY

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
27576	217-742	SAKW101001	9,800

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
COMBAT COMMUNICATIONS COMBAT SUPPORT FACILITY				7,464
COMBAT COMMUNICATIONS COMBAT SUPPORT FACILITY	SM	1,732	4,225	(7,318)
SDD & EPA ACT 05	LS			(146)
SUPPORTING FACILITIES				1,012
UTILITIES	LS			(493)
SITE IMPROVEMENTS	LS			(32)
PAVEMENT	LS			(110)
COMMUNICATIONS	LS			(152)
ENVIRONMENTAL REMEDIATION	LS			(150)
ARCHEOLOGICAL MONITORING	LS			(75)
SUBTOTAL				8,476
CONTINGENCY (5.0%)				424
TOTAL CONTRACT COST				8,900
SUPERVISION, INSPECTION AND OVERHEAD (6.2%)				552
DESIGN/BUILD - DESIGN COST (4.0% OF SUBTOTAL)				339
TOTAL REQUEST				9,791
TOTAL REQUEST (ROUNDED)				9,800)
EQUIPMENT FROM OTHER APPROPRIATIONS (NON-ADD)				(626

10. Description of Proposed Construction: Construct a reinforced concrete operations facility supporting a forward deployed combat communications squadron. The facility will include a field communications equipment service maintenance area, mechanical and electrical spaces, communications, fire suppression/detection, intrusion detection system, environmental controls, utilities, pavements, parking, associated site improvements, hazardous material abatement, and all necessary supporting facilities for a complete and usable facility. The facility must be able to withstand 190 mile-per hour typhoon winds for doors, windows, roofs (170 mile-per-hour for other structural elements) and Seismic Zone 4 earthquake criteria. This project will comply with DoD antiterrorism force protection requirements per unified facilities criteria.

Air Conditioning: 0 Tons

11. Requirement: 1732 SM Adequate: 0 SM Substandard: 0 SM

PROJECT: Construct Combat Communications Combat Support Facility. (Current Mission)

REQUIREMENT: Project is required to complete the beddown of a Combat Communications unit at the new PACAF Regional Training Center (PRTC) that directly supports the mission by providing space for systems operations and maintenance, and critical training for Airmen assigned to the Combat Support work centers. When tasked to meet deployment timelines, all the computer-communication equipment needs to be set up and operationally tested, including all pre-deployment inspections before loading on airlift for deployment to provide communication capabilities for combatant commanders in the Pacific AOR and beyond.

CURRENT SITUATION: This project supports the beddown of a mission to a location

1. COMPONENT AIR FORCE	FY 2012 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
JRM - ANDERSEN AIR FORCE BASE, GUAM	PRTC - COMBAT COMMUNICATIONS COMBAT SUPPORT FACILITY

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
27576	217-742	SAKW101001	9,800

where no unit of this type exists. There are no facilities at Guam Northwest Field that can meet this mission requirement. Current temporary facilities do not provide the proper operational or maintenance areas for 644 Combat Communicaions Squadron (CBCS) to meet deployment timelines. For the 644 CBCS Operations work centers the current temporary facilities have all personnel "hot" desking due to being forced to squeeze into small offices. In addition the 644 CBCS cannot meet current deployment tasking timelines due to the non-availability of appropriate maintenance and testing facilities, which are being temporarily conducted outside in a storage lot where a canopy is hung over old racquetball courts as a make-shift "covered" maintenance area

IMPACT IF NOT PROVIDED: Without this facility, the combat communication's mission to rapidly establish and sustain tactical communications command and control systems providing high quality, mission-tailored, communications support to the Air Force and other forces operating within the Pacific theater will be severely limited. Full Operational Capability (FOC) scheduled for Jan 2010 was not achieved and cannot be achieved until this facility is completed.

ADDITIONAL: This project meets the criteria/scope specified in Air Force Handbook 32-1084, "Facility Requirements" and project estimates from 36 CES/CEC. A preliminary analysis of reasonable options for accomplishing this project (status quo, lease/rent, relocate, and upgrade) was done. There is only one option that will meet the operational and current mission requirement. Therefore, a complete economic analysis was not performed and a certificate of exception has been prepared. Sustainable principles, to include Life Cycle cost-effective practices, will be integrated into the design, development, and construction of the project in accordance with Executive Order 13423, 10 USC 2802 (c), and other applicable laws and Executive Orders. BCE: LtCol Richard Mathews, 671-366-7101. Combat Support Facility 1,732SM = 18,645SF.

JOINT USE CERTIFICATION: This facility can be used by other components on an "as available" basis; however, the scope of the project is based on Air Force requirements.

1. COMPONENT AIR FORCE	FY 2012 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
3. INSTALLATION AND LOCATION JRM - ANDERSEN AIR FORCE BASE, GUAM	4. PROJECT TITLE PRTC - COMBAT COMMUNICATIONS COMBAT SUPPORT FACILITY	

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
27576	217-742	SAKW101001	9,800

12. SUPPLEMENTAL DATA:

a. Estimated Design Data:

(1) Project to be accomplished by design-build procedures

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

(3) All Other Design Costs 392

(4) Construction Contract Award 12 FEB

(5) Construction Start 12 MAR

(6) Construction Completion 13 DEC

(7) Energy Study/Life-Cycle analysis was/will be performed YES

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

EQUIPMENT NOMENCLATURE	PROCURING APPROPRIATION	FISCAL YEAR APPROPRIATED OR REQUESTED	COST ($000)
FURNISHINGS	3400	2012	626

1. COMPONENT	FY 2012 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AIR FORCE	(computer generated)	

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
JRM - ANDERSEN AIR FORCE BASE, GUAM	PRTC - COMBAT COMMUNICATIONS TRANSMISSION SYSTEMS FACILITY

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
27576	217-742	SAKW091002	5,600

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITIES				4,072
COMBAT COMMUNICATIONS TRANSMISSION SYSTEM FAC	SM	958	4,166	(3,991)
SDD & EP ACT 05	LS			(81)
SUPPORTING FACILITIES				760
UTILITIES	LS			(263)
SITE IMPROVEMENTS	LS			(72)
PAVEMENTS	LS			(85)
COMMUNICATIONS	LS			(115)
ENVIRONMENTAL REMEDIATION	LS			(150)
ARCHEOLOGICAL MONITORING	LS			(75)
SUBTOTAL				4,832
CONTINGENCY (5.0%)				242
TOTAL CONTRACT COST				5,074
SUPERVISION, INSPECTION AND OVERHEAD (6.2%)				315
DESIGN/BUILD - DESIGN COST (4.0% OF SUBTOTAL)				193
TOTAL REQUEST				5,581
TOTAL REQUEST (ROUNDED)				5,600)
EQUIPMENT FROM OTHER APPROPRIATIONS (NON-ADD)				(379

10. Description of Proposed Construction: Construct a reinforced concrete PACAF Regional Training Center (PRTC) Combat Communications Transmission System facility to include excavation, trenching, backfill, grading, reinforced concrete foundations, concrete slabs, concrete/masonry walls, vehicle entry door, structural steel frame, and seamless metal roofing. The facility must be able to withstand 190 mile-per-hour typhoon winds for doors, windows, roofs, (170 mile-per-hour for other structural elements) and Seismic Zone 4 earthquake criteria. This project will comply with DoD antiterrorism force protection requirements per Unified Facilities Criteria.

Air Conditioning: 0 Tons

11. Requirement: 958 SM Adequate: 0 SM Substandard: 0 SM

PROJECT: Construct a PACAF Regional Training Center (PRTC) Combat Communications Transmission System Facility. (Current Mission)

REQUIREMENT: Project is required to support beddown of a Combat Communications unit at the new PACAF Regional Training Center at Guam Northwest Field. This is a beddown of a mission to a location where no unit of this type existed. The mission of the 664th Combat Communications Squadron operations (644 CBCS) is to provide communication capabilities for combatant commanders in their Pacific AOR. The 644 CBCS is a self-sufficient organization that provides its own power and shelters, and can deploy to a bare-base location and set up within 24 hours. Some of the capabilities provided by the 644 CBCS include secure and unsecure ultra high frequency communications, land mobile radio communications, SIPR and NIPR email access, Defense Secure Network (DSN) secure and unsecure phone lines, and satellite communication links that transfer the data to its destination. This particular

1. COMPONENT AIR FORCE	FY 2012 MILITARY CONSTRUCTION PROJECT DATA (computer generated)		2. DATE
3. INSTALLATION AND LOCATION JRM - ANDERSEN AIR FORCE BASE, GUAM		4. PROJECT TITLE PRTC - COMBAT COMMUNICATIONS TRANSMISSION SYSTEMS FACILITY	
5. PROGRAM ELEMENT 27576	6. CATEGORY CODE 217-742	7. PROJECT NUMBER SAKW091002	8. PROJECT COST ($000) 5,600

facility directly supports the PACOM mission by providing space for the operations, maintenance and training mission of 28 Airmen assigned to the Transmission System work centers, who are currently located in temporary facilities on Andersen main base, several miles from the PRTC campus.

CURRENT SITUATION: This project supports the beddown of a mission to a location where no unit of this type exists. There are no facilities at Guam Northwest Field that can meet this mission requirement. The recently arrived 644 CBCS has 137 personnel scattered at different locations ten miles from the PRTC at Guam NW Field. Personnel are located in three temporary facilities located at various locations around Andersen main base proper. For the transmission (satellite communications equipment) work center, the section requires 10.2K Sq Ft for operational, maintenance and training area. Current temporary facilities have 150 Sq Ft of operations space and 500 Sq Ft of maintenance and testing areas. All personnel (28) are "hot" desking and are forced to squeeze into one small office. There are no other facilities available on the installation to meet this CBCS requirement. 644 CBCS cannot meet current deployment tasking timelines due to the non-availability of required operations, maintenance and testing facilities.

IMPACT IF NOT PROVIDED: This project is critical to providing the only available on-site transmission equipment including satellite communications equipment work center required to support the forward deployed combat communications squadron being beddown at Northwest Field. Without this facility, the combat communication's mission to rapidly establish and sustain tactical communications command and control systems providing high quality, mission-tailored, communications support to the Air Force and other forces operating within the Pacific theater will be severely limited. Full Operational Capability (FOC) scheduled for Jan 2010 was not achieved and cannot be achieved until this facility is completed.

ADDITIONAL: This project meets the criteria/scope specified in Air Force Handbook 32-1084, "Facility Requirements" and project estimates from 36 CES/CEC. As a final MILCON for the Combat Communications cantonment area, security fencing, with secure accesses, is included in this MILCON for the entire cantonment area. Additional pavement is required for siting and field testing satellite communications equipment. A preliminary analysis of reasonable options for satisfying this requirement indicates that only one option will meet mission needs. Therefore, a complete economic analysis was not performed. A certificate of exception has been prepared. Sustainable principles, to include Life Cycle cost-effective practices, will be integrated into the design, development, and construction of the project in accordance with Executive Order 13423, 10 USC 2802 (c), and other applicable laws and Executive Orders. Base Civil Engineer: Lt Col Richard S. Mathews (671) 366-7101. Operation Facility: 958 SM = 10,312 SF.

JOINT USE CERTIFICATION: This facility can be used by other components on an "as available" basis; however, the scope of the project is based on Air Force requirements.

1. COMPONENT AIR FORCE	FY 2012 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
JRM - ANDERSEN AIR FORCE BASE, GUAM	PRTC - COMBAT COMMUNICATIONS TRANSMISSION SYSTEMS FACILITY

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
27576	217-742	SAKW091002	5,600

12. SUPPLEMENTAL DATA:

a. Estimated Design Data:

(1) Project to be accomplished by design-build procedures

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

(3) All Other Design Costs 224

(4) Construction Contract Award 12 FEB

(5) Construction Start 12 MAR

(6) Construction Completion 13 DEC

(7) Energy Study/Life-Cycle analysis was/will be performed YES

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

EQUIPMENT NOMENCLATURE	PROCURING APPROPRIATION	FISCAL YEAR APPROPRIATED OR REQUESTED	COST ($000)
FURNISHINGS	3400	2012	379

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1. COMPONENT	FY 2012 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AIR FORCE	(computer generated)	

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
JRM - ANDERSEN AIR FORCE BASE, GUAM	PRTC - RED HORSE CANTONMENT OPERATIONS FACILITY

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
27576	219-944	SAKW059101	14,000

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITY				10,424
RED HORSE CANTONMENT OPERATIONS FACILITY	SM	1,647	6,205	(10,220)
SDD & EP ACT 05	LS			(204)
SUPPORTING FACILITIES				1,660
UTILITIES	LS			(508)
SITE IMPROVEMENTS	LS			(267)
PAVEMENTS	LS			(298)
COMMUNICATIONS	LS			(312)
ENVIRONMENTAL REMEDIATION	LS			(175)
ARCHEOLOGICAL MONITORING	LS			(100)
SUBTOTAL				12,084
CONTINGENCY (5.0%)				604
TOTAL CONTRACT COST				12,688
SUPERVISION, INSPECTION AND OVERHEAD (6.2%)				787
DESIGN/BUILD - DESIGN COST (4.0% OF SUBTOTAL)				483
TOTAL REQUEST				13,958
TOTAL REQUEST (ROUNDED)				14,000)
EQUIPMENT FROM OTHER APPROPRIATIONS (NON-ADD)				(450

10. Description of Proposed Construction: Construct a reinforced concrete facility. The facility will include offices, training areas, maintenance and inspection shops, storage spaces, mechanical and electrical spaces, communications, fire suppression/detection, air ventilation system, utilities, pavements, parking, associated site improvements, hazardous material abatement, and archeological monitoring and all necessary supporting facilities for a complete and usable facility. This project will comply with DoD antiterrorism force protection requirements per Unified Facilities Criteria.

Air Conditioning: 5 Tons

11. Requirement: 1646 SM Adequate: 0 SM Substandard: 0 SM

PROJECT: Construct RED HORSE Cantonment Operations Facility. (Current Mission)

REQUIREMENT: Project is required to support beddown of the 554 RED HORSE at the new PACAF Regional Training Center (PRTC) at Guam Northwest Field. The mission of the 554th RED HORSE Squadron is to provide the Air Force with a highly mobile civil engineer response force to support contingency and special operations worldwide. The 554 RED HORSE is a self-sufficient organization that provides its own power and shelters, and can deploy to a bare-base location and set up within 24 hours. This facility directly supports the mission by providing space for its operations and maintenance functions as well as training for Airmen assigned to the Cantonments Operations Facility.

CURRENT SITUATION: This project supports the beddown of a mission to a location where no unit of this type exists. There are no facilities at Guam NW Field that can meet this mission requirement, and the recently arrived 554 RED HORSE squadron currently has all 158 personnel located in temporary facilities on the main base

1. COMPONENT AIR FORCE	FY 2012 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
JRM - ANDERSEN AIR FORCE BASE, GUAM	PRTC - RED HORSE CANTONMENT OPERATIONS FACILITY

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
27576	219-944	SAKW059101	14,000

and in Sea Land containers as shop space in Northwest Field. This facility directly supports the mission by providing space for operational, maintenance and training for 23 Airmen assigned to the Cantonments Operations Facility.

IMPACT IF NOT PROVIDED: This facility will provide the only available on-site cantonments; utilities, electrical, HVAC, metal shop and carpentry work center required to support the 554 RED HORSE squadron being beddown at Northwest Field. Therefore, 13 AF, PACAF and PACOM lose capability to employ RED HORSE vertical construction assets. Squadron will not be able to prepare equipment and personnel to meet required 12 hour minimum enabler response time. Labor forces lack primary training/ops center for carpentry, tilt-up, metal, HVAC, electrical, and utility specialties in addition to RED HORSE specific special capabilities. Without this facility, the RED HORSE mission to rapidly establish and sustain engineering support to the Air Force and other forces operating within the Pacific theater will be severely limited. Full Operational Capability (FOC) scheduled for Jan 2010 has not been achieved and cannot be achieved until this facility is provided.

ADDITIONAL: This project meets the criteria/scope specified in Air Force Handbook 32-1084, "Facility Requirements" and project estimates from 36 CES/CEV. A preliminary analysis of reasonable options for satisfying this requirement indicates that only one option will meet mission needs. Therefore, a complete economic analysis was not performed. A certificate of exception has been prepared. Sustainable principles, to include Life Cycle cost-effective practices, will be integrated into the design, development, and construction of the project in accordance with Executive Order 13423, 10 USC 2802 (c), and other applicable laws and Executive Orders. Base Civil Engineer: LtCol Richard S. Mathews (671) 366-7101. Red Horse Cantonment Operation Facility: 1,647 SM = 17,730 SF.

JOINT USE CERTIFICATION: This facility can be used by other components on an "as available" basis; however, the scope of this project is based on Air Force requirements. This project supports Total Force Integration initiatives.

1. COMPONENT AIR FORCE	FY 2012 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
JRM - ANDERSEN AIR FORCE BASE, GUAM	PRTC - RED HORSE CANTONMENT OPERATIONS FACILITY

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
27576	219-944	SAKW059101	14,000

12. SUPPLEMENTAL DATA:

a. Estimated Design Data:

(1) Project to be accomplished by design-build procedures

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

(3) All Other Design Costs 560

(4) Construction Contract Award 12 FEB

(5) Construction Start 12 MAR

(6) Construction Completion 13 DEC

(7) Energy Study/Life-Cycle analysis was/will be performed YES

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

EQUIPMENT NOMENCLATURE	PROCURING APPROPRIATION	FISCAL YEAR APPROPRIATED OR REQUESTED	COST ($000)
FURNISHINGS	3400	2012	450

1. COMPONENT AIR FORCE	**FY 2012 MILITARY CONSTRUCTION PROGRAM**	2. DATE

3. INSTALLATION AND LOCATION	4. COMMAND:	5. AREA CONST COST INDEX
NAS SIGONELLA, ITALY	UNITED STATES AIR FORCES IN EUROPE	1.41

6. Personnel Strength	PERMANENT			STUDENTS			SUPPORTED			
	OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV	TOTAL
AS OF 30 SEP 10 END FY 2015	2	53	58							113

7. INVENTORY DATA ($000)

a. Total Acreage:	N/A	
b. Inventory Total as of : (30 Sep 10)		0
c. Authorization Not Yet in Inventory:		31,300
d. Authorization Requested in this Program:		15,000
f. Planned in Next Four Years Program:		0
g. Remaining Deficiency:		0
h. Grand Total:		46,300

8. PROJECTS REQUESTED IN THIS PROGRAM: (FY 2010)

CATEGORY CODE	PROJECT TITLE	SCOPE		COST $,000	DESIGN START	STATUS CMPL
141-454	UAS SATCOM Relay Pads and Facility	1,200	SM	15,000	Design	Build
		Total		31,300		

9a. Future Projects: Typical Planned Next Four Years:

None

9b. Real Propery Maintenance Backlog This Installation N/A

10. Mission or Major Functions: The Global Hawk provides long endurance reconnaissance capability using electro-optical (EO), infra-red (IR), and synthetic aperture radar (SAR) at high altitudes.

11. Outstanding pollution and Safety (OSHA Deficiencies:

a. Air pollution:	0
b. Water Pollution:	0
c. Occupational Safety and Health	0
d. Other Environmental:	0

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1. COMPONENT AIR FORCE	FY 2012 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
NAVAL AIR STATION SIGONELLA, ITALY	UAS SATCOM RELAY PADS AND FACILITY

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
35219	141-454	HACC123204	15,000

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITIES				6,722
SATCOM COMMUNICATIONS SUPPORT FACILITY	SM	1,200	4,042	(4,850)
ANTENNA PADS AND CONNECTOR PANELS	EA	12	145,000	(1,740)
SDD & EPACT05	LS			(132)
SUPPORTING FACILITIES				6,267
UTILITIES	LS			(300)
BACK-UP POWER GENERATORS WITH AUTO-TRANSFER	LS			(240)
PASSIVE FORCE PROTECTION MEASURES (PL-2)	LS			(394)
EXTERIOR COMMUNICATION SUPPORT	LS			(1,750)
BACK-FILL MATERIAL	LS			(2,356)
SITE DEVELOPMENT AND IMPROVEMENTS	LS			(702)
PAVEMENTS AND ROADS	LS			(375)
ENVIRONMENTAL SUPPORT	LS			(150)
SUBTOTAL				12,989
CONTINGENCY (5.0%)				649
TOTAL CONTRACT COST				13,639
SUPERVISION, INSPECTION AND OVERHEAD (6.5%)				887
DESIGN/BUILD - DESIGN COST (4.0% OF SUBTOTAL)				520
TOTAL REQUEST				15,045
TOTAL REQUEST (ROUNDED)				15,000)
EQUIPMENT FROM OTHER APPROPRIATIONS (NON-ADD)				(1,225

10. Description of Proposed Construction: All civil, structural, mechanical, electrical, fire prevention/alarm, site, and communication supporting work necessary for the construction of an Unmanned Aircraft System (UAS) Satellite Communications (SATCOM) Relay facility. The project consists of masonary constructed facilities with sloped roofing systems, foundations, and floor slabs. Provides space for operations, admin, and maintenance functions. Includes site work to include 12 each UAS SATCOM Relay structural pads with associated foundations and growth for 8 additional UAS SATCOM relay pads, hardscape utilities, and underground conduit connectivity to the main facility with breakout panels and connections. The site perimeter and building cooling systems shall be sized for the 8 additional UAS SATCOM relay pads. Scope includes demolition of pavements/utilities to make way for vehicle parking and access roads. The work shall include other necessary pavements, utilities, site work, storm water drainage, back-fill material as required to support the facilities mission requirements. Work shall be in compliance with current US Air Force and host base regulations. The project will comply with antiterrorism/force protection requirements per the Unified Facility Criteria.

Air Conditioning: 90 Tons

11. Requirement: 1200 SM Adequate: 0 SM Substandard: 0 SM

PROJECT: UAS SATCOM Relay Pads and Facility. (New Mission)

REQUIREMENT: UAS require an adequate-sized and configured facility to ensure

1. COMPONENT AIR FORCE	FY 2012 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
NAVAL AIR STATION SIGONELLA, ITALY	UAS SATCOM RELAY PADS AND FACILITY

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
35219	141-454	HACC123204	15,000

maximum mission effectiveness during weapons engagement and reconnaissance missions in support of the war-fighters. The construction of a SATCOM Antenna Relay facility and compound is required in order to support remote controlled aircraft command links, connecting CONUS-based Ground Control Stations (GCS) / Mission Control Elements (MCE) with Remotely Piloted Aircraft (RPA) in the AOR. Therefore completion of this project will satisfy the long term SATCOM Relay requirements for Predator (MQ-1), Reaper (MQ-9), and Global Hawk (RQ-4). The site will also support Navy Broad Area Surveillance Delta (BAMS-D) and Big Safari/special operations missions. The supporting facilities costs exceed 25% of the primary facilities costs, due to the facility being built in an undeveloped environmentally sensitive area, requiring substantial back-fill material, extensive utilities and communication runs, as well as by the required PL-2 security features.

CURRENT SITUATION: Predator, Reaper, and Global Hawk aircraft will use this site to conduct operations within EUCOM, AFRICOM, and CENTCOM in support of Overseas Contingency Operations. Because of multi-theater-wide operations, an additional SATCOM Relay Station must be located in the AOR to provide most current information to the war-fighting commander at any time demanded. This site will carry half of the UAS transmissions and act as a back-up system to the Ramstein site to avoid single point of failure.

IMPACT IF NOT PROVIDED: Adequate facilities will not be available to perform these vital operations associated with the UAS aircraft. Without these facilities, the aircraft will not be able to perform their essential UAS missions within EUCOM, AFRICOM, and CENTCOM, and UAS weapon strikes cannot be supported. Therefore lack of this UAS SATCOM Relay Site could result in significant degradation of operational capability and have a serious impact on ongoing, as well as future mission supporting Overseas Contingency Operations.

ADDITIONAL: This project is not eligible for NATO funding. This project meets the criteria/scope specified in AFH 32-1084, "Facility Requirements". A preliminary analysis of reasonable options was done and indicated that only one option meets operational requirements, new construction. Therefore an economic analysis was not performed. A certificate of exception has been prepared. Sustainable principles, to include Life Cycle cost-effective practices, will be integrated into the design, development and construction of the project in accordance with Executive Order 13423, 10 USC 2802 (c) and other applicable laws and Executive Orders. Base Civil Engineer; Lt (USN) Chad Marshall, 011-39-095-86-2370, DSN 314-624-2370. SATCOM Communications Support Facility: 1200 SM = 12,912 SF.

FOREIGN CURRENCY: FCF Budget Rate Used: EURO-DOLLAR .7491

JOINT USE CERTIFICATION: This facility can be used by other components on an "as available" basis; however, the scope of the project is based on Air Force requirements.

1. COMPONENT AIR FORCE	FY 2012 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
NAVAL AIR STATION SIGONELLA, ITALY	UAS SATCOM RELAY PADS AND FACILITY

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
35219	141-454	HACC123204	15,000

12. SUPPLEMENTAL DATA:

a. Estimated Design Data:

(1) Project to be accomplished by design-build procedures

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

(3) All Other Design Costs 600

(4) Construction Contract Award 12 JAN

(5) Construction Start 12 MAR

(6) Construction Completion 13 SEP

(7) Energy Study/Life-Cycle analysis was/will be performed YES

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

EQUIPMENT NOMENCLATURE	PROCURING APPROPRIATION	FISCAL YEAR APPROPRIATED OR REQUESTED	COST ($000)
COMMUNICATIONS SUPPORT	3080	2013	310
EQUIPMENT	3080	2013	915

1. COMPONENT AIR FORCE	**FY 2012 MILITARY CONSTRUCTION PROGRAM**	2. DATE

INSTALLATION AND LOCATION	COMMAND:	5. AREA CONST
OSAN AIR BASE KOREA	PACIFIC AIR COMMAND	COST INDEX 1.06

6. Personnel	PERMANENT			STUDENTS			SUPPORTED			
Strength	OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV	TOTAL
AS OF 30 SEP 10	438	3,474	645	0	0	0	0	0	0	4,557
END FY 2015	441	3,606	649	0	0	0	0	0	0	4,696

7. INVENTORY DATA ($000)

Total Acreage:	1,788	
Inventory Total as of : (30 Sep 10)		2,241,100
Authorization Not Yet in Inventory:		216,900
Authorization Requested in this Program:		23,000
Planned in Next Four Years Program:		31,581
Remaining Deficiency:		75,000
Grand Total:		2,587,581

8. PROJECTS REQUESTED IN THIS PROGRAM: (FY 2012)

CATEGORY CODE	PROJECT TITLE	SCOPE		COST $,000	DESIGN START	STATUS CMPL
721-312	Dormitory (156 RM)	156	RM	$23,000	Jun-10	Sep-11
			Total	$23,000		

9a. Future Projects: Typical Planned Next Four Years:

141-753	Construct 36FS Operations/AMU Facility	$24,081
171-212	DMT Flight Simulator Facility	$7,500
		$31,581

9b. Real Propery Maintenance Backlog This Installation

10. Mission or Major Functions: A host fighter wing supporting an F-16 squadron and an A/OA-10 squadron, Headquarters Seventh Air Force, and a MH-53J special operations squadron. The wing also hosts a civil engineer heavy repair squadron (RED HORSE), an Air Mobility Command air mobility support squadron, and Air Combat Command reconnaissance squadron, and an Air Intelligence Agency intelligence squadron.

11. Outstanding pollution and Safety (OSHA Deficiencies):

a. Air pollution	0
b. Water Pollution	0
c. Occupational Safety and Health	0
d. Other Environmental	0

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1. COMPONENT	FY 2012 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AIR FORCE	(computer generated)	

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
OSAN AIR BASE, KOREA (REPUBLIC OF)	DORMITORY (156 RM)

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
27576	721-312	SMYU123002	23,000

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITY				15,441
DORMITORY	SM	5,772	2,622	(15,134)
SDD & EPACT 05	LS			(307)
SUPPORTING FACILITIES				5,193
UTILITIES	LS			(884)
SITE IMPROVEMENTS	LS			(830)
PAVEMENTS	LS			(814)
PASSIVE PROTECTION	LS			(100)
COMMUNIICATIONS	LS			(350)
ELEVATOR	LS			(125)
DEMOLITION	SM	16,242	129	(2,090)
SUBTOTAL				20,634
CONTINGENCY (5.0%)				1,032
TOTAL CONTRACT COST				21,666
SUPERVISION, INSPECTION AND OVERHEAD (6.5%)				1,408
TOTAL REQUEST				23,074
TOTAL REQUEST (ROUNDED)				23,000
EQUIPMENT FROM OTHER APPROPRIATIONS (NON-ADD)				(1,092.0)

10. Description of Proposed Construction: Construct a new multi-story, 156-person (PN) Airman Dormitory to house permanently-stationed personnel at Osan AB. Structure shall consist of reinforced concrete foundation, walls, and floors with a structural steel roof system, with all utilities and supports. The project includes fire protection system, force protection measures, communications, and emergency generators. Areas include 4-plex modules, lounge, public restrooms, bulk storage, and mechanical rooms. Demolition of five facilities (16,242 SM) and environmental cleanup is also included in the project. This project provides all necessary supporting facilities for a complete and usable facility. This project will comply with DoD antiterrorism/force protection requirements per unified facilities criteria.

Air Conditioning: 200 Tons Grade Mix: E1-E4 156

11. Requirement: 2675 RM Adequate: 1435 RM Substandard: 1296 RM

PROJECT: Construct a new 156-person airman dormitory. (Current Mission)

REQUIREMENT: Eliminate the deficiency in unaccompanied personnel housing and improve quality of life for enlisted personnel while better utilizing existing dormitory space for grades E1-E4. Adequate support in the form of unaccompanied housing must be provided for operations at this joint, warfighting installation.

CURRENT SITUATION: The FY2008 Osan Air Base Dormitory Master Plan documented multiple deteriorating on-base airman dormitories. The Airman dormitories ranked amongst the lowest. They are constantly plagued with maintenance issues and experience a continual flow of work orders. A major Air Force objective is to provide unaccompanied enlisted personnel with housing conducive to enable proper rest, relaxation, and personal well being. Properly designed, adequately configured, and furnished living quarters, which provide individual privacy, is

1. COMPONENT AIR FORCE	FY 2012 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
3. INSTALLATION AND LOCATION OSAN AIR BASE, KOREA (REPUBLIC OF)	4. PROJECT TITLE DORMITORY (156 RM)	

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
27576	721-312	SMYU123002	23,000

essential to meet this objective. Most Airman Dorms were constructed between 1980s and early 1990s, are undersized, and have far surpassed their useful life. Beyond utility and HVAC failures, deteriorated interior walls, and damaged flooring, the dorms have also become susceptible to mold, a recognized influence leading to poor health.

IMPACT IF NOT PROVIDED: Airmen serve a vital role in the performance and integrity of their units. They are directly responsible for daily unit operations. For them to have adequate living quarters the facility must offer a level of privacy otherwise it would risk degrading morale, productivity, and career satisfaction for unaccompanied enlisted personnel. Quality of living conditions directly translates into better job performance. At an overseas location where over 90% of the base populace lives in on-base housing, it is impractical to keep a strong readiness posture with inadequate rest. This dorm will incorporate antiterrorism force protection standards to meet DoD minimum and/or theater requirements.

ADDITIONAL: This project is a crucial part of the FY2008 Osan Air Base Dormitory Master Plan. This project is eligible for Republic of Korea Funded Construction (ROKFC), but is not included in this program because limited ROKFC funding will give little chance to get approved/funded in a reasonable time frame. This project meets the criteria/scope specified in Air Force Handbook (AFH) 32-1084 "Civil Engineering, Facility Requirements." A preliminary analysis of reasonable options for accomplishing this project (status quo, renovation, new construction, and/or leasing) was done. It indicates there is only one option, new construction, to meet operational requirements. Because of this, a full economic analysis was not performed. A certificate of exception has been prepared. FY2009 Unaccompanied Housing RPM Conducted: $172K; FY2010 Unaccompanied Housing RPM Conducted: $218K.; Future Unaccompanied Housing RPM Requirements (estimated): FY2011 = $214K; FY2012 = $236K; FY2013 = $259K. Sustainable principles, to include life cycle cost-effective practices, will be integrated into the design, development, and construction of the project in accordance with Executive Order 13423, 10 USC 2802 (c), and other applicable laws and Executive orders. Base Civil Engineer: Lt Col Scott B. Matthews, 011-82-31-661-4312. Airman Dormitory: 5,730 SM = 61,677 SF; Demolition: 16,242 SM = 174,832 SF.

FOREIGN CURRENCY: FCF Budget Rate Used: WON 1099.5183

JOINT USE CERTIFICATION: This facility can be used by other components on an "as available" basis; however, the scope of the project is based on Air Force requirements.

1. COMPONENT	FY 2012 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AIR FORCE	(computer generated)	

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
OSAN AIR BASE, KOREA (REPUBLIC OF)	DORMITORY (156 RM)

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
27576	721-312	SMYU123002	23,000

12. SUPPLEMENTAL DATA:

a. Estimated Design Data:

(1) Status:	
(a) Date Design Started	16-JUN-10
(b) Parametric Cost Estimates used to develop costs	YES
* (c) Percent Complete as of 01 JAN 2011	15%
* (d) Date 35% Designed	16-MAR-11
(e) Date Design Complete	30-SEP-11
(f) Energy Study/Life-Cycle analysis was/will be performed	YES
(2) Basis:	
(a) Standard or Definitive Design -	NO
(b) Where Design Was Most Recently Used -	
(3) Total Cost (c) = (a) + (b) or (d) + (e):	($000)
(a) Production of Plans and Specifications	1,380
(b) All Other Design Costs	690
(c) Total	2,070
(d) Contract	1,725
(e) In-house	345
(4) Construction Contract Award	12 FEB
(5) Construction Start	12 MAR
(6) Construction Completion	14 JUN

* Indicates completion of Project Definition with Parametric Cost Estimate which is comparable to traditional 35% design to ensure valid scope, cost and executability.

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

EQUIPMENT NOMENCLATURE	PROCURING APPROPRIATION	FISCAL YEAR APPROPRIATED OR REQUESTED	COST ($000)
FURNISHINGS	3400	2012	1,092

1. COMPONENT AIR FORCE	**FY 2012 MILITARY CONSTRUCTION PROGRAM**	2. DATE

3. INSTALLATION AND LOCATION	4. COMMAND:	5. AREA CONST COST INDEX
AL UDEID AB, QATAR	AIR COMBAT COMMAND (AFCENT)	1.33

6. Personnel Strength	PERMANENT			STUDENTS			SUPPORTED			
	OFF	ENL	CIV	OFF	EN	CIV	OFF	ENL	CIV	TOTAL
AS OF 30 SEP 10	CLASSIFIED DATA									Note 1
END FY 2015	CLASSIFIED DATA									

7. INVENTORY DATA ($000)

a. Total Acreage:	Not US Owned Installation Note 2	n/a
b. Inventory Total as of : (30 Sep 10)		n/a
c. Authorization Not Yet in Inventory:		324,090
d. Authorization Requested in this Program:		37,000
f. Planned in Next Four Years Program:		24,000
g. Remaining Deficiency:		TBD
h. Grand Total:		61,000

8. PROJECTS REQUESTED IN THIS PROGRAM: (FY 2012)

CATEGORY CODE	PROJECT TITLE	SCOPE	COST $,000	DESIGN START	STATUS CMPL
721-312	Blatchford-Preston Complex Ph IV	18,556 SM	37,000	Oct-10	Jun-11

9a. Future Projects: Typical Planned Next Four Years:

721-312	Blatchford-Preston Complex Ph IV-B	24,000

9b. Real Property Maintenance Backlog This Installation: ($M) n/a

10. Mission or Major Functions: 379 Air Expeditionary Wing - a multi-purpose wing that supports a range of missions to include: fighter, airlift, refueling, intelligence, surveillance and reconnaissance; Combined Air Operations Center; the Aerial Port Control Center, Expeditionary Air Mobility Squadron and an Expeditionary RED HORSE Group.
NOTE 1: Personnel numbers at a contingency location are classified, therefore not provided.
NOTE 2: Not a US owned installation therefore we do not have real property data.
NOTE 3: Some projects may be funded by host nation but are identified in the Al Udeid Master Plan

11. Outstanding Pollution and Safety (OSHA Deficiencies):
- a. Air pollution
- b. Water Pollution
- c. Occupational Safety and Health
- d. Other Environmental

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1. COMPONENT	FY 2012 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AIR FORCE	(computer generated)	

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
AL UDEID AB , QATAR	BLATCHFORD PRESTON COMPLEX PHASE IV

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
27576	721-312	ALUA103006	37,000

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITIES				28,954
BILLETING FACILITIES	SM	18,566	1,529	(28,387)
SDD & EPACT 05	LS			(567)
SUPPORTING FACILITIES				4,043
UTILITIES	LS			(1,815)
PAVEMENTS	LS			(1,115)
SITE IMPROVEMENTS	LS			(371)
COMMUNICATIONS	LS			(742)
SUBTOTAL				32,997
CONTINGENCY (5.0%)				1,650
TOTAL CONTRACT COST				34,647
SUPERVISION, INSPECTION AND OVERHEAD (6.5%)				2,252
TOTAL REQUEST				36,899
TOTAL REQUEST (ROUNDED)				37,000
EQUIPMENT FROM OTHER APPROPRIATIONS (NON-ADD)				(9,800.0)

10. Description of Proposed Construction: Construct dormitories with concrete foundations and masonry walls. Project includes all site work, infrastructure/utilities, communications, fire protection/suppression and force protection required to make facilities complete and usable. Force Protection will comply with minimum DoD Standards.

Air Conditioning: 440 Tons

11. Requirement: 4900 RM Adequate: 2940 RM Substandard: 4080 RM

PROJECT: Blatchford Preston Complex, Phase IV (Current Misison)

REQUIREMENT: Al Udeid has been identified by CENTCOM as an enduring location, its current contingency-standard billeting and support facilities (originally built at the base in 2003 for expedient operations; now overcrowded and failing) must be replaced to a permanent standard. The base requires permanent-standard billeting for projected steady-state population of approximately 6,200 personnel to support long-term/enduring presence. Dormitories are being constructed to allow flexibility in room assignments, with rotational personnel assigned 2+2, permanent-party assigned 1+1 and senior personnel (O-6, Chief) assigned 1+0. Total requirement is 4,900 rooms in 25 dormitories. The two dormitories in Blatchford Preston Complex (BPC) Phase IV will bring the total to 17 dormitories completed.

CURRENT SITUATION: 15 of 25 required dormitories have previously been funded (9 by FY 2003 MILCON as Millennium Village, 2 by the Host Nation as part of CENTCOM Forward Headquarters, 2 by FY 2010 MILCON as BPC Phase II, and 2 by FY 2011 MILCON as BPC Phase III). Remaining base population is still housed in temporary contingency-standard facilities constructed in 2003. Those facilities are now past their intended lifespan and are failing in the harsh Qatari climate. The temporary facilities are geographically separated from the permanent dormitories, causing operational inefficiencies (especially in support facilities now duplicated or split between Coalition Compound and BPC) and creating a division, both real and perceptual, between those living in temporary quarters and those in the newer, permanent-standard, facilities.

1. COMPONENT AIR FORCE	FY 2012 MILITARY CONSTRUCTION PROJECT DATA (computer generated)			2. DATE
3. INSTALLATION AND LOCATION AL UDEID AB , QATAR			4. PROJECT TITLE BLATCHFORD PRESTON COMPLEX PHASE IV	
5. PROGRAM ELEMENT 27576	6. CATEGORY CODE 721-312	7. PROJECT NUMBER ALUA103006	8. PROJECT COST ($000) 37,000	

IMPACT IF NOT PROVIDED: If Phase IV and later phases are not funded approximately two fifths of the base population will be forced to live in substandard temporary quarters. The base populace will be split between two living areas, base support will be forced to operate inefficiently from split locations and the contingency-standard temporary facilities will continue to deteriorate. The temporary facilities will require replacement at an estimated cost of $750,000 per facility as they fail. Total replacement will be required every five to seven years at a cost of $40 million per replacement cycle.

ADDITIONAL: This project meets the criteria/scope specified in Air Force Handbook 32-1084, Facility Requirements. An economic analysis was not performed for this project. A preliminary analysis of reasonable options for meeting this requirement (status quo, renovation, new construction) was done. It indicates there is only one option that will meet the operational requirements: new construction. Therefore, a certificate of exception has been prepared. Sustainable principles, to include Life Cycle cost-effective practices, will be integrated into design, development, and construction of the project in accordance with Executive Order 13423, 10 USC 2802 (c) and other applicable laws and Executive Orders. The project is supported by CENTCOM and is on the Master Plan Priority List (MPPL). The Implementing Agreement signed in November 2002 between the United States Government and the Government of Qatar does not cover all construction. It did specify that the United States was responsible to fund Blatchford-Preston (Millennium Village) facilities. In 2008, Millennium Village was renamed Blatchford-Preston Complex by direction of COMUSCENTAF. Civil Engineer: Mr. David Nelson; 803-895-8843: (Blatchford-Preston Complex, billeting facilities 18,566 SM = 199,8434 SF).

JOINT USE CERTIFICATION: This facility is programmed for joint use with SOCCENT; however, it is fully funded by the Air Force.

1. COMPONENT	FY 2012 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AIR FORCE	(computer generated)	

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
AL UDEID AB , QATAR	BLATCHFORD PRESTON COMPLEX PHASE IV

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
27576	721-312	ALUA103006	37,000

12. SUPPLEMENTAL DATA:

a. Estimated Design Data:

(1) Status:	
(a) Date Design Started	18-JUN-10
(b) Parametric Cost Estimates used to develop costs	YES
* (c) Percent Complete as of 01 JAN 2011	15%
* (d) Date 35% Designed	16-FEB-11
(e) Date Design Complete	30-JUN-11
(f) Energy Study/Life-Cycle analysis was/will be performed	YES
(2) Basis:	
(a) Standard or Definitive Design -	NO
(b) Where Design Was Most Recently Used -	
(3) Total Cost (c) = (a) + (b) or (d) + (e):	($000)
(a) Production of Plans and Specifications	2,220
(b) All Other Design Costs	1,110
(c) Total	3,330
(d) Contract	2,680
(e) In-house	650
(4) Construction Contract Award	12 JAN
(5) Construction Start	12 MAR
(6) Construction Completion	14 FEB

* Indicates completion of Project Definition with Parametric Cost Estimate which is comparable to traditional 35% design to ensure valid scope, cost and executability.

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

EQUIPMENT NOMENCLATURE	PROCURING APPROPRIATION	FISCAL YEAR APPROPRIATED OR REQUESTED	COST ($000)
COMMUNICATIONS EQUIPMENT	3080	2013	3,000
FURNISHINGS	3400	2013	6,800

1. COMPONENT	FY 2012 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AIR FORCE	(computer generated)	

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
HQ USAF, DISTRICT OF COLUMBIA	UNSPECIFIED MINOR CONSTRUCTION

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
91211	102-11	PAYZ120003	20,000

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITIES				20,000
UNSPECIFIED MINOR CONSTRUCTION	LS			(20,000)
SUPPORTING FACILITIES				0
SUBTOTAL				20,000
TOTAL CONTRACT COST				20,000
TOTAL REQUEST				20,000
TOTAL REQUEST (ROUNDED)				20,000

10. Description of Proposed Construction:

11. Requirement: Adequate: Substandard:

PROJECT: As required.

REQUIREMENT: Minor construction projects authorized by 10 U.S. Code 2805 are military construction projects with an estimated funded cost between $750,000 and $2,000,000; however projects with an estimated funded cost of up to $3,000,000 may be funded under this authority to correct life, health, or safety deficiencies. This package provides a means of accomplishing urgent projects that are not identified but which are anticipated to arise during FY12. Included would be projects to support new mission requirements, new equipment, and other essential support to Air Force missions and functions that could not wait until availability of FY12 Military Construction Program funds.

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1. COMPONENT	FY 2012 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AIR FORCE	(computer generated)	

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
HQ USAF, DISTRICT OF COLUMBIA	PLANNING AND DESIGN

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
91211	102-11	PAYZ120002	81,913

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITIES				81,913
PLANNING AND DESIGN	LS			(81,913)
SUPPORTING FACILITIES				0
SUBTOTAL				81,913
TOTAL CONTRACT COST				81,913
TOTAL REQUEST				81,913
TOTAL REQUEST (ROUNDED)				81,913

10. Description of Proposed Construction:

11. Requirement: Adequate: Substandard:

PROJECT: As required.

REQUIREMENT: These planning and design funds are required to complete the design of facilities in the FY13 Military Construction Program, initiate design of facilities in the FY14 Military Construction Program, and accomplish planning and design for major and complex technical projects with long lead-time to be included in subsequent Military Construction programs. Also provide funds for value engineering and for the support of design and construction management of projects that are funded by foreign governments and for design of classified and special programs. In addition, these funds are also used for developing the Tri-Services Cost Estimating Guide and Unified Facilities Criteria.

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