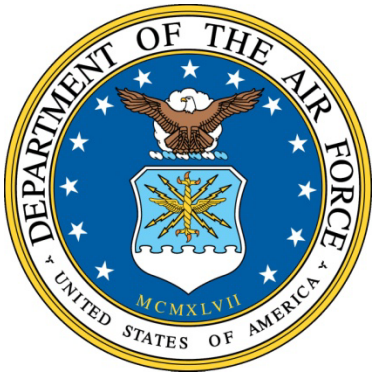

Department of the Air Force

Military Construction Program

Fiscal Year (FY) 2013
Budget Estimates

Justification Data Submitted to Congress
February 2012

DEPARTMENT OF THE AIR FORCE
MILITARY CONSTRUCTION PROGRAM FISCAL YEAR 2013
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Department of the Air Force
Military Construction and Military Family Housing
Program Summary
Fiscal Year 2013

	Authorization Request ($000s)	Appropriation Request ($000s)
Military Construction		
Inside the United States	**121,808**	**282,808**
Outside the United States	**68,557**	**68,557**
Planning and Design (10 USC 2807)		**18,635**
Unspecified Minor Construction (10 USC 2805)		**18,200**
Total Military Construction	**190,365**	**388,200**
Military Family Housing		
New Construction	**0**	**0**
Improvements	**79,571**	**79,571**
Planning and Design	**4,253**	**4,253**
Subtotal	**83,824**	**83,824**
Operations, Utilities and Maintenance	**111,373**	**111,373**
Utilities	**75,662**	**75,662**
Maintenance	**201,937**	**201,937**
Privatization	**46,127**	**46,127**
Leasing	**62,730**	**62,730**
Subtotal	**497,829**	**497,829**
Total Military Family Housing	**581,653**	**581,653**
Grand Total Air Force	**644,018**	**969,853**

In the FY 2013 President's Budget, the Department is requesting an amendment to the FY 2012 National Defense Authorization Act (P.L. 112-81) to authorize a $64 million first increment for a $128 million Guam Strike Fuel Systems Hangar, Joint Region Marianas, Guam project. The Continuing Appropriations Act for FY 2012 (PL 112-74) appropriated $64 million for increment 1 of this project. Once authorized, the Department will request Increment 2 ($64 million) in the FY 2014 President's Budget. This book includes the project justification DD Form 1391 for this project.

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DEPARTMENT OF THE AIR FORCE
INDEX
MILITARY CONSTRUCTION PROGRAM FISCAL YEAR 2013
(DOLLARS IN THOUSANDS)
INSIDE THE US

STATE/COUNTRY	INSTALLATION	PROJECT	AUTHORIZATION REQUEST	APPROPRIATION REQUEST	PAGE
ARKANSAS	Little Rock	C-130J Fuel Systems Maintenance Hangar	26,000	26,000	24
		C-130J Flight Simulator Addition	4,178	4,178	27
		Little Rock TOTAL	30,178	30,178	
		ARKANSAS TOTAL	30,178	30,178	
FLORIDA	Tyndall	F-22 ADAL Hangar for Low Observable/Composite Repair	14,750	14,750	31
		Tyndall TOTAL	14,750	14,750	
		FLORIDA TOTAL	14,750	14,750	
GEORGIA	FT. Stewart	Air Support Operations Center	7,250	7,250	35
		Ft. Stewart TOTAL	7,250	7,250	
	Moody	HC-130J Simulator Facility	8,500	8,500	39
		Moody TOTAL	8,500	8,500	
		GEORGIA TOTAL	15,750	15,750	
NEBRASKA	Offutt	USSTRATCOM Replacement Facility	0	161,000	43
		Offutt TOTAL	0	161,000	
		NEBRASKA TOTAL	0	161,000	
NEW MEXICO	Holloman	MQ-9 Maintenance Hangar	25,000	25,000	48
		Holloman TOTAL:	25,000	25,000	
		NEW MEXICO TOTAL:	25,000	25,000	
NORTH DAKOTA	Minot	B-52 Add/Alter Munitions AGE Facility	4,600	4,600	52
		Minot TOTAL	4,600	4,600	
		NORTH DAKOTA TOTAL	4,600	4,600	
TEXAS	JB San Antonio, Lackland	Dormitory (144 RM)	18,000	18,000	56
		JB San Antonio, Lackland TOTAL:	18,000	18,000	
		TEXAS TOTAL:	18,000	18,000	
UTAH	Hill	F-35 ADAL Hangar 45W/AMU	7,250	7,250	60
		F-35 Modular Storage Magazines	2,280	2,280	63
		F-35 ADAL Bldg 118 for Flight Simulator	4,000	4,000	66
		Hill TOTAL:	13,530	13,530	
		UTAH TOTAL:	13,530	13,530	
		INSIDE THE US TOTAL:	121,808	282,808	

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DEPARTMENT OF THE AIR FORCE
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MILITARY CONSTRUCTION PROGRAM FISCAL YEAR 2013
(DOLLARS IN THOUSANDS)
OUTSIDE THE U.S.

STATE/COUNTRY	INSTALLATION	PROJECT		AUTHORIZATION REQUEST	APPROPRIATION REQUEST	PAGE
GREENLAND	Thule	Dormitory (48 PN)		24,500	24,500	70
			Thule TOTAL:	24,500	24,500	
			GREENLAND TOTAL:	24,500	24,500	
ITALY	Aviano	F-16 Mission Training Center		9,400	9,400	74
			Aviano TOTAL	9,400	9,400	
			ITALY TOTAL	9,400	9,400	
WORLDWIDE UNSPECIFIED	UNSPECIFIED	Transient Aircraft Hangars		15,032	15,032	77
		Transient Contingency Dorm (100 RM)		17,625	17,625	80
		Sanitary Sewer Lift/Pump Station		2,000	2,000	83
			UNSPECIFIED TOTAL:	19,625	19,625	
			OUTSIDE THE US TOTAL:	53,525	53,525	
WORLDWIDE UNSPECIFIED						
	Various	P-341 Unspecified Minor Construction			18,200	86
	Various	P&D - Planning & Design			18,635	87
			WORLDWIDE UNSPECIFIED TOTAL		36,835	
			INSIDE THE US TOTAL:	121,808	282,808	
			OUTSIDE THE US TOTAL:	53,525	53,525	
			WORLDWIDE UNSPECIFIED TOTAL:	0	36,835	
			FY 2013 TOTAL:	175,333	373,168	

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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.

FY13	Auth For Approp Request ($000)	Appropriation Request ($000)
NEW MISSION	113,208	113,208
CURRENT MISSION	77,157	238,157
PLANNING & DESIGN		18,635
MINOR CONSTRUCTION		18,200
TOTAL:	190,365	388,200

DEPARTMENT OF THE AIR FORCE
INDEX
MILITARY CONSTRUCTION PROGRAM FISCAL YEAR 2013
(DOLLARS IN THOUSANDS)
CURRENT MISSION/NEW MISSION BREAKOUT

STATE/COUNTRY	INSTALLATION	PROJECT	AUTH FOR APPROPRIATION	APPROPRIATION REQUEST	TYPE
GREENLAND	THULE	Dormitory (48 PN)	$24,500	$24,500	CM
NEBRASKA	OFFUTT	USSTRATCOM Facility	$0	$161,000	CM
TEXAS	JB SAN ANTONIO, LACKLAND	Dormitory (144 RM)	$18,000	$18,000	CM
WORLDWIDE	UNSPECIFIED	Transient Contingency Dorm (100 RM)	$17,625	$17,625	CM
WORLDWIDE	UNSPECIFIED	Transient Aircraft Hangars	$15,032	$15,032	CM
WORLDWIDE	UNSPECIFIED	Sanitary Sewer Lift/Pump Station	$2,000	$2,000	CM
		Current Mission TOTAL:	$77,157	$238,157	
ARKANSAS	LITTLE ROCK	C-130 Fuel Systems Maintenance Hangar	$26,000	$26,000	NM
ARKANSAS	LITTLE ROCK	C-130J Flight Simulator Addition	$4,178	$4,178	NM
FLORIDA	TYNDALL	F-22 ADAL Hangar for Low Observable/Composite Repair	$14,750	$14,750	NM
GEORGIA	FORT STEWART	Air Support Operations Squadron (ASOS)	$7,250	$7,250	NM
GEORGIA	MOODY	HC-130J Simulator Facility	$8,500	$8,500	NM
ITALY	AVIANO	F-16 Mission Training Center	$9,400	$9,400	NM
NEW MEXICO	HOLLOMAN	MQ-9 Maintenance Hangar	$25,000	$25,000	NM
NORTH DAKOTA	MINOT	B-52 Add/Alter Munitions AGE Facility	$4,600	$4,600	NM
UTAH	HILL	F-35 ADAL Hangar 45W/AMU	$7,250	$7,250	NM
UTAH	HILL	F-35 Modular Storage Magazines	$2,280	$2,280	NM
UTAH	HILL	F-35 ADAL Bldg 118 for Flight Simulator	$4,000	$4,000	NM
		New Mission TOTAL:	$113,208	$113,208	
WORLDWIDE	UNSPECIFIED	Planning and Design		$18,635	P&D
WORLDWIDE	UNSPECIFIED	Unspecified Minor Construction		$18,200	P-341
		Central Program TOTAL:	$0	$36,835	
		Active AF Program TOTAL:	190,365	388,200	

DEPARTMENT OF THE AIR FORCE
MILITARY CONSTRUCTION PROGRAM FISCAL YEAR 2013
INSTALLATION INDEX

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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 2013

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 2013

NON-MILCON FUNDING

Research and Development (RDT&E) NONE

AUTHORIZATION SOUGHT FOR PROJECTS FOR WHICH FUNDS WERE APPROPRIATED IN FY 2012

FY2013 MILITARY CONSTRUCTION, AIR FORCE

In the FY 2013 President's Budget the Department is requesting an amendment to the FY 2012 National Defense Authorization Act (P.L. 112-81) to authorize a $64 million first increment for the $128 million Guam Strike Fuel Systems Hangar, Joint Region Marianas, Guam project. The Continuing Appropriations Act for FY 2012 (PL 112-74) appropriated $64 million for increment 1 of this project. Once authorized, the Department will request Increment 2 ($64 million) in the FY 2014 President's Budget. The project justification DD Form 1391 for this project is provided on the next page.

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

3. INSTALLATION, SITE AND LOCATION	4. PROJECT TITLE
JRM - ANDERSEN AIR FORCE BASE ANDERSEN AF BASE SITE # 1 GUAM	GUAM STRIKE FUEL SYSTEMS MAINTENANCE HANGAR

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. RPSUID/PROJECT NUMBER	8. PROJECT COST ($000)
27576	211-179	1366/AJJY123010	AUTH: 128,000 APPN: 0

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

DD FORM 1391, DEC 99 Previous editions are obsolete. Page No.

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

3. INSTALLATION, SITE AND LOCATION	4. PROJECT TITLE
JRM - ANDERSEN AIR FORCE BASE ANDERSEN AF BASE SITE # 1 GUAM	GUAM STRIKE FUEL SYSTEMS MAINTENANCE HANGAR

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. RPSUID/PROJECT NUMBER	8. PROJECT COST ($000)
27576	211-179	1366/AJJY123010	AUTH: 128,000 APPN: 0

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: (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.

In the FY 2013 President's Budget the Department is requesting an amendment to the FY 2012 National Defense Authorization Act (P.L. 112-81) to authorize the $128 million Guam Strike Fuel Systems Hangar, Joint Region Marianas, Guam project. The Continuing Appropriations Act for FY 2012 (PL 112-74) appropriated $64 million for increment 1 of this project. Once authorized, the Department will request Increment 2 ($64 million) in the FY 2014 President's Budget.

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 ANDERSEN AF BASE SITE # 1 GUAM	GUAM STRIKE FUEL SYSTEMS MAINTENANCE HANGAR

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
27576	211-179	1366/AJJY123010	AUTH: 128,000 APPN: 0

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

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APPROPRIATIONS LANGUAGE

FY2013 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 $388,200,000 to remain available until September 30, 2017: Provided that, of this amount, not to exceed $18,635,000 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 2013 MILITARY CONSTRUCTION PROGRAM**	2. DATE

3. INSTALLATION AND LOCATION	4. COMMAND:	5. AREA CONST
LITTLE ROCK AIR FORCE BASE ARKANSAS	AIR MOBILITY COMMAND	COST INDEX 0.93

6. Personnel	PERMANENT			STUDENTS			SUPPORTED			
Strength	OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV	TOTAL
AS OF 30 SEP 11	336	2953	370	247	189	21	325	1065	226	5,732
END FY 2016	331	2936	370	253	168	21	325	1137	226	5,767

7. INVENTORY DATA ($000)		
a. Total Acreage:	7,210	
b. Inventory Total as of : (30 Sep 11)		1,603,223
c. Authorization Not Yet in Inventory:		12,041
d. Authorization Requested in this Program:	(FY 2013)	22,435
e. Planned in Next Four Years Program:		8,600
f. Remaining Deficiency:		35,450
g. Grand Total:		1,681,749

8. PROJECTS REQUESTED IN THIS PROGRAM: (FY 2013)

CATEGORY CODE	PROJECT TITLE	SCOPE	COST $,000	DESIGN START	STATUS CMPL
171-212	C-130J Flight Simulator Addition	850 SM	4,178	Design Build	
211-179	C-130J Fuels Sys Maintenance Hangar	6,187 SM	26,000	Design Build	
		Total	30,178		

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

211-157	C-130 Engine Storage Facility		6,500
214-467	Refueling Vehicle Repair Shop		2,100
		Total	8,600

9b. Real Property Maintenance Backlog This Installation ($M)	338

10. Mission or Major Functions: Two airlift wings with six C-130 squadrons conducting operations and training -- the only DoD C-130 training base; an ANG C-130 airlift wing; an ACC weapons squadron; 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

DD Form 1390, 24 Jul 00

1. COMPONENT	FY 2013 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AIR FORCE	(computer generated)	

3. INSTALLATION, SITE AND LOCATION	4. PROJECT TITLE
LITTLE ROCK AIR FORCE BASE LITTLE ROCK AFB SITE # 1 ARKANSAS	C-130J FUEL SYSTEMS MAINTENANCE HANGAR

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. RPSUID/PROJECT NUMBER	8. PROJECT COST ($000)
41132	211-179	2496/NKAK103006	26,000

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITIES				16,092
FUEL SYSTEMS MAINTENANCE HANGAR	SM	6,187	2,550	(15,777)
SUSTAINABILITY AND ENERGY MEASURES	LS			(316)
SUPPORTING FACILITIES				6,241
UTILITIES	LS			(860)
SITE IMPROVEMENTS	LS			(655)
PAVEMENTS	LS			(2,000)
PARKING LOT (70 SPOTS)	EA	70	1,867	(131)
STORM WATER RETENTION	SM	6,187	51	(316)
COMMUNICATIONS	LS			(36)
DEMO VERTICAL	SM	1,912	220	(421)
ASBESTOS/LEAD PAINT REMEDIATION	SM	1,912	25	(48)
MOVE DE-ICER STORAGE FACILITY	LS			(250)
TEMPORARY FACILITY	SM	1,390	1,079	(1,500)
DEMO HORIZONTAL	LS			(25)
SUBTOTAL				22,333
CONTINGENCY (5.0%)				1,117
TOTAL CONTRACT COST				23,450
SUPERVISION, INSPECTION AND OVERHEAD (5.7%)				1,337
DESIGN/BUILD - DESIGN COST (4.0% OF SUBTOTAL)				893
TOTAL REQUEST				25,680
TOTAL REQUEST (ROUNDED)				26,000)
EQUIPMENT FROM OTHER APPROPRIATIONS (NON-ADD)				(1,547

10. Description of Proposed Construction: Construct a two bay C-130J fuel maintenance hangar utilizing conventional design and construction methods to accommodate the mission of the facility. The facility should be compatible with applicable DoD, AF and base design standards. In addition, local materials and construction techniques shall be used where cost effective. Includes 70 parking spaces, site utilities, and site improvements. Move a pavilion and a de-icer storage facility. Provide temporary facility for CTK/rails until hangar is completed. Project will comply with DoD antiterrorism/force protection requirements per Unified Facilities Criteria. Demolish two substandard facilities (1912 SM).

Air Conditioning: 75 Tons

11. Requirement: 15 SP Adequate: 3 SP Substandard: 10 SP

PROJECT: Construct C-130J Fuel Systems Maintenance Hangar (New Mission).

REQUIREMENT: An adequate facility properly sized and configured to support all phases of aircraft maintenance such as fuel systems maintenance, refurbishment, and air frame maintenance. Fully enclosed maintenance hangar space is required to protect aircraft from environmental elements allowing for jacking and cribbing aircraft to perform structural maintenance or weight and balance measures, removal

DD FORM 1391, DEC 99 Previous editions are obsolete. Page No.

1. COMPONENT	FY 2013 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AIR FORCE	(computer generated)	

3. INSTALLATION, SITE AND LOCATION	4. PROJECT TITLE
LITTLE ROCK AIR FORCE BASE LITTLE ROCK AFB SITE # 1 ARKANSAS	C-130J FUEL SYSTEMS MAINTENANCE HANGAR

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. RPSUID/PROJECT NUMBER	8. PROJECT COST ($000)
41132	211-179	2496/NKAK103006	26,000

and installation of aircraft flight surfaces, and removal and installation of engine and propeller units.

CURRENT SITUATION: By FY16 Little Rock AFB will have 56 AMC C-130 aircraft; 14 AETC C-130 aircraft; 10 ANG C-130 aircraft; 18 AFRC C-130 aircraft, for a total of 98 C-130 aircraft. A PAA of 98 aircraft authorizes the base to have 15 covered hangar spaces. Little Rock AFB has 13 available hangars spaces, a two hangar space deficit. The current fuel cell hangars 222 N/S constructed in 1956 as semi-permanent B-47 nose docks are in a state of deterioration. Climate control is virtually impossible due to the leaky nature of the building shell which makes sealant repairs to integral fuel tanks difficult. This facility is classified as one of the base energy hogs. Air infiltration into hangar was measured at 3 mph, or 21,120 cfm, and is very costly to heat in the winter. Weather conditions prevent many full airframe maintenance and jacking activities from being performed due to aircraft not being fully enclosed. Both hangars have been assigned a Risk Assessment Code, due to inadequate breathing air systems for personnel respiratory protection. The installed breathing system is designed to support a maximum of three personnel, when up to 12 personnel need to use the system. Portable Rhine Air Breathing Systems are currently being used to compensate for the deficiency. Hangar doors on both docks have badly worn casters and jump off track on a regular basis causing safety concerns and require multiple personnel to open and close doors.

IMPACT IF NOT PROVIDED: Little Rock AFB will be unable to fully complete the required mission with a deficit of two hangar spaces. The 55 year old nose docks will continue to deteriorate and be a costly energy drain for the base. A considerable amount of work is required to bring these facilities up to code. Because these facilities are nose docks, all required airframe and fuel cell maintenance requirements will never be achieved in them. The facilities will continue to be a hazard to personnel safety and possible aircraft damage. The extreme temperature conditions during winter and summer will continue to have a large negative impact on successfully completing the required maintenance to meet mission requirements.

ADDITIONAL: This project meets the criteria/scope 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 the 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. Fuel System Maintenance Hangar: 6,187 SM = 66,596 SF BCE: (501) 987-3322.

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 2013 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AIR FORCE	(computer generated)	

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
LITTLE ROCK AIR FORCE BASE LITTLE ROCK AFB SITE # 1 ARKANSAS	C-130J FUEL SYSTEMS MAINTENANCE HANGAR

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
41132	211-179	2496/NKAK103006	26,000

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 1,300

(4) Construction Contract Award 13 FEB

(5) Construction Start 13 MAR

(6) Construction Completion 15 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	2014	1,547

DD FORM 1391, DEC 99 Previous editions are obsolete. Page No.

1. COMPONENT	FY 2013 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AIR FORCE	(computer generated)	

3. INSTALLATION, SITE AND LOCATION	4. PROJECT TITLE
LITTLE ROCK AIR FORCE BASE LITTLE ROCK AFB SITE # 1 ARKANSAS	C-130J FLIGHT SIMULATOR ADDITION

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. RPSUID/PROJECT NUMBER	8. PROJECT COST ($000)
41132	171-212	2496/NKAK113005	4,178

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITY				2,774
C130J FLIGHT SIMULATOR ADDITION	SM	850	3,200	(2,720)
SUSTAINABILITY AND ENERGY MEASURES	LS			(54)
SUPPORTING FACILITIES				859
UTILITIES	LS			(155)
SITE IMPROVEMENTS	LS			(110)
PAVEMENTS	LS			(340)
SPECIAL FOUNDATIONS	LS			(214)
COMMUNICATIONS	LS			(40)
SUBTOTAL				3,633
CONTINGENCY (5.0%)				182
TOTAL CONTRACT COST				3,815
SUPERVISION, INSPECTION AND OVERHEAD (5.7%)				217
DESIGN/BUILD - DESIGN COST (4.0% OF SUBTOTAL)				145
TOTAL REQUEST				4,178
TOTAL REQUEST (ROUNDED)				4,178)
EQUIPMENT FROM OTHER APPROPRIATIONS (NON-ADD)				(25,143

10. Description of Proposed Construction: Construct a high-bay, Weapons System Trainer (WST) addition to existing flight simulator training facility utilizing conventional design and construction methods to accommodate the mission of the facility. The facility should be compatible with applicable DoD, Air Force, and base design standards. In addition, local materials and construction techniques shall be used where cost effective. Site work includes, special foundations, asphalt access roadway, concrete walkways, and 21 parking spaces. This project will comply with DoD Antiterorism/Force Protection requirements per Unified Facility Criteria.

Air Conditioning: 70 Tons

11. Requirement: 17637 SM Adequate: 16787 SM Substandard: 0 SM

PROJECT: C130J Flight Simulator Addition (Current Mission).

REQUIREMENT: This facility houses aircraft flight simulators and other special training devices. It includes space for administration and records, classrooms, toilet facilities, trainer maintenance, and storage.

CURRENT SITUATION: Little Rock AFB (LRAFB) currently provides flight simulator in two separate facilities. Building B-1230 houses four C-130E flight simulators. B-1231 houses four C-130J flight simulators. Personnel in these facilities are actively conducting flight simulator training. LRAFB is the primary formal training unit (FTU) for all USAF (active duty and Air Reserve Component) aircrews. C-130J simulator training is currently operating near capacity, and the requirement for this training continues to grow rapidly with C-130J production. Currently there is no facility in place to house the new simulator.

IMPACT IF NOT PROVIDED: Without a facility to house the C-130J flight simulator

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1. COMPONENT	FY 2013 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AIR FORCE	(computer generated)	

3. INSTALLATION, SITE AND LOCATION	4. PROJECT TITLE
LITTLE ROCK AIR FORCE BASE LITTLE ROCK AFB SITE # 1 ARKANSAS	C-130J FLIGHT SIMULATOR ADDITION

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. RPSUID/PROJECT NUMBER	8. PROJECT COST ($000)
41132	171-212	2496/NKAK113005	4,178

programmed for LRAFB in FY13, the formal training unit (FTU) will not be able to meet the pilot training requirements of 320 - 350 students between FY14 and FY17. Quarterly refresher and continuation training will not be available for 2 AMC operational units. Capacity for FTU training for the C-130J USAF fleet growth from 70 to over 130 aircraft will not be sustainable. Reduced flying initiative is the driving force that will convert cockpit flying hours to simulator training hours. The four weapon system trainers at Little Rock are currently supporting FTU and Squadron refresher training. Standard operations are conducted 20 hours per day 50 weeks per year and can support this FTU increase. However trainer time for refresher training will become unavailable, resulting in increased TDYs to Keesler to review and practice normal, emergency, and tactical procedures. Currently WST refresher training is about 900 hours per squadron/year. The cost difference between an aircraft ($2400/hour) and a WST ($650/hour) is $1750/hour. The two C130J squadrons at 900 hrs each would result in an annual savings of about $3.2M. Reduced aircraft flying hours reduces aircraft maintenance scheduling, resulting in additional savings.

ADDITIONAL: This project meets the criteria/scope specified 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 requirements. A certicicate 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 Engieeer: Commercial (501) 987-3322. C130J Flight Simulator Addition: 850 SM = 9,149 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 2013 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AIR FORCE	(computer generated)	

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
LITTLE ROCK AIR FORCE BASE LITTLE ROCK AFB SITE # 1 ARKANSAS	C-130J FLIGHT SIMULATOR ADDITION

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
41132	171-212	2496/NKAK113005	4,178

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 209

(4) Construction Contract Award 13 FEB

(5) Construction Start 13 MAR

(6) Construction Completion 14 APR

(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	2014	143
C130J SIMULATOR	3080	2013	25,000

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1. COMPONENT AIR FORCE	**FY 2013 MILITARY CONSTRUCTION PROGRAM**	2. DATE

3. INSTALLATION AND LOCATION	4. COMMAND:	5. AREA CONST
TYNDALL AIR FORCE BASE FLORIDA	AIR EDUCATION AND TRAINING COMMAND	COST INDEX 0.84

6. Personnel	PERMANENT			STUDENTS			SUPPORTED			
Strength	OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV	TOTAL
AS OF 30 SEP11	336	2520	429	270	196	0	395	870	220	5,236
END FY 2016	350	2667	432	270	196	0	415	922	235	5,487

7. INVENTORY DATA ($000)		
a. Total Acreage:		29,069
b. Inventory Total as of : (30 Sep 11)		1,277,014
c. Authorization Not Yet in Inventory:		8,157
d. Authorization Requested in this Program:	(FY 2013)	14,750
e. Planned in Next Four Years Program:		41,200
f. Remaining Deficiency:		38,500
g. Grand Total:		1,379,621

8. PROJECTS REQUESTED IN THIS PROGRAM: (FY 2013)

CATEGORY CODE	PROJECT TITLE	SCOPE	COST $,000	DESIGN START	STATUS CMPL
211-159	F-22 ADAL Hangar Low Obs/Comp Rpr	3,093 SM	14,750	Mar 11	Sep 12
		Total	14,750		

9a. Future Projects: Typical Planned Next Four Years:			
130-142	Fire Station		14,700
134-335	Range Control Facility		13,000
310-928	Energy Solar Research Lab		13,500
		Total	41,200

9b. Real Property Maintenance Backlog This Installation ($M)	205

10. Mission or Major Functions: A fighter training wing with three F-15 squadrons and one F-22A squadron responsible for training all F-15 and F-22A aircrews; Air Combat Command's Headquarters First Air Force and 53rd Weapons Evaluation Group, and Southeast Air Defense Sector; Air Force Civil Eningeering Services Agency, and Air Force Research Labatory.

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 2013 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AIR FORCE	(computer generated)	

3. INSTALLATION, SITE AND LOCATION	4. PROJECT TITLE
TYNDALL AIR FORCE BASE TYNDALL AFB SITE # 1 FLORIDA	F-22 ADAL HANGAR FOR LOW OBSERVABLE/COMPOSITE REPAIR

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. RPSUID/PROJECT NUMBER	8. PROJECT COST ($000)
85976	211-159	3366/XLWU103002	14,750

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITIES				12,789
ADD HANGAR FOR CRF SHOP	SM	400	3,451	(1,380)
ALTER HANGAR FOR CRF SHOP	SM	1,039	2,493	(2,590)
ALTER HANGAR FOR 2-BAY LO	SM	1,867	4,589	(8,568)
SUSTAINABILITY AND ENERGY MEASURES	LS			(251)
SUPPORTING FACILITIES				496
UTILITIES	LS			(250)
PAVEMENTS	LS			(75)
SITE IMPROVEMENTS	LS			(32)
COMMUNICATIONS	LS			(64)
SOIL REMEDIATION	LS			(75)
SUBTOTAL				13,285
CONTINGENCY (5.0%)				664
TOTAL CONTRACT COST				13,949
SUPERVISION, INSPECTION AND OVERHEAD (5.7%)				795
TOTAL REQUEST				14,744
TOTAL REQUEST (ROUNDED)				14,750

10. Description of Proposed Construction: Convert two aircraft maintenance bays in Hangar 4 into two separate low observable coating (LO) bays utilizing conventional design and construction methods to accommodate the mission of the facility. The facility should be compatible with applicable DoD, Air Force, and base design standards. In addition, local materials and construction techniques shall be used where cost effective. Bays to be complete with interior climate conditioning and exhaust systems to meet F-22 coating specifications. Add/alter Hangar 4 aircraft maintenance space to provide a composite material repair shop (CRS). Work to include all electrical mechanical, force protection measure and alarm systems. This project will comply with DoD antiterrorism force protection requirements per unified facilities criteria.

11. Requirement: 5881 Adequate: 2788 Substandard: 2793

PROJECT: F-22 ADAL Hangar for Low Observable/Composite Repair. (New Mission)

REQUIREMENT: An adequately sized and properly configured facility is required to support the repair of F-22 Low Observable (LO) and Composite systems of this 5th Generation Fighter. In accordance with Air Force Instructions and the F-22 Weapon Systems Facility Requirements Plan, a requirement was validated for additional fully climatic controlled LO bays to support the beddown and relocation of a 21 Primary Mission Aircraft Inventory (PMAI) F-22 Fighter Squadron and associated personnel to Tyndall AFB in FY13. This brings the base total requirement to 4 LO bays for the Flight Training Unit and incoming combat coded squadrons in FY13. Facility must be fully enclosed with filtration and mechanical systems to capture hazardous environmental materials and maintain temperature and humidity control at 70 degrees plus/minus 10 degrees and 50 percent humidity plus/minus 10%. LO requirements have increased from originally anticipated during original beddowns

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1. COMPONENT	FY 2013 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AIR FORCE	(computer generated)	

3. INSTALLATION, SITE AND LOCATION	4. PROJECT TITLE
TYNDALL AIR FORCE BASE TYNDALL AFB SITE # 1 FLORIDA	F-22 ADAL HANGAR FOR LOW OBSERVABLE/COMPOSITE REPAIR

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. RPSUID/PROJECT NUMBER	8. PROJECT COST ($000)
85976	211-159	3366/XLWU103002	14,750

due to increased aircraft maintenance (requires access through LO systems) and planned aircraft modifications.

CURRENT SITUATION: Tyndall does not have sufficient LO facilities to support Air Combat Command's (ACC) incoming Combat Coded F-22 Squadron and associated mission. The existing LO facility does not have the adequate clear land area to construct required facility space and meet force protection, fire and airfield safety criteria. The The Air Force will convert hangar bays in existing Hangar 4 to support F-22 LO applications and convert the existing hangar lean-to (maintenance administration/storage space) into a composite material repair shop space to reutilize existing facilities.

IMPACT IF NOT PROVIDED: ACC will not be able to maintain combat capable F-22s to meet Operational Plans and mission requirements. Without adequate LO systems on the F-22 our airmens' risk from opposing forces increases as degradation of the LO systems increase. Stealth capability is a critical aspect of this weapon system and it is essential it is maintained at full capability.

ADDITIONAL: This project meets applicable 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) indicated there is only one option that will meet operational requirements: add/alter. 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: 850-283-3283; Add Hangar for CRF Shop - 400 SM = 4,296 SF, Alter Hangar for CRF Shop - 1,039 SM = 11,158 SF, Alter Hangar for 2-Bay LO - 1,867 SM = 20,057 SF.

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

1. COMPONENT	FY 2013 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AIR FORCE	(computer generated)	

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
TYNDALL AIR FORCE BASE TYNDALL AFB SITE # 1 FLORIDA	F-22 ADAL HANGAR FOR LOW OBSERVABLE/COMPOSITE REPAIR

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
85976	211-159	3366/XLWU103002	14,750

12. SUPPLEMENTAL DATA:

a. Estimated Design Data:

(1) Status:	
(a) Date Design Started	01-MAR-11
(b) Parametric Cost Estimates used to develop costs	YES
* (c) Percent Complete as of 01 JAN 2012	15%
* (d) Date 35% Designed	28-FEB-12
(e) Date Design Complete	28-SEP-12
(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	885
(b) All Other Design Costs	443
(c) Total	1,328
(d) Contract	1,106
(e) In-house	221
(4) Construction Contract Award	13 FEB
(5) Construction Start	13 MAR
(6) Construction Completion	14 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:
N/A

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1. COMPONENT AIR FORCE	**FY 2013 MILITARY CONSTRUCTION PROGRAM**	2. DATE
3. INSTALLATION AND LOCATION FORT STEWART, GEORGIA	4. COMMAND: AIR COMBAT COMMAND	5. AREA CONST COST INDEX 0.87

6. Personnel Strength	PERMANENT			STUDENTS			SUPPORTED			TOTAL
	OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV	
AS OF 30 SEP 11	7	118	0	0	0	0	0	0	0	125
END FY 2016	7	118	0	0	0	0	0	0	0	125

7. INVENTORY DATA ($000)

a. Total Acreage:		
b. Inventory Total as of : (30 Sep 11)		
c. Authorization Not Yet in Inventory:		0
d. Authorization Requested in this Program:	(FY 2013)	7,250
e. Planned in Next Four Years Program:		0
f. Remaining Deficiency:		
g. Grand Total:		7,250

8. PROJECTS REQUESTED IN THIS PROGRAM: (FY 2013)

CATEGORY CODE	PROJECT TITLE	SCOPE		COST $,000	DESIGN START	STATUS CMPL
141-753	Air Support Operations Center	6,194	SM	7,250	Design Bulid	
		Total		7,250		

9a. Future Projects: Typical Planned Next Four Years:
None

9b. Real Property Maintenance Backlog This Installation: ($M) 25

10. Mission or Major Functions: Fort Stewart Mission: Provide the nation's Armed Forces with a sustaining base and a power projection platform in support of national Objectives. Major functions include: exercise command and control; provide for public safety and security; provide sound stewardship of installation resources and the environment; provide services/programs to enable readiness; execute community and family support services and programs; maintain and improve tion infrastructure.

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 2013 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AIR FORCE	(computer generated)	

3. INSTALLATION, SITE AND LOCATION	4. PROJECT TITLE
FT STEWART GEORGIA	AIR SUPPORT OPERATIONS CENTER

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. RPSUID/PROJECT NUMBER	8. PROJECT COST ($000)
27248	141-753	/ACC123184	7,250

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITIES				5,217
ADMIN & GENERAL PURPOSE BUILDINGS	SM	1,487	2,750	(4,089)
STORAGE SHED COVERED	SM	1,864	550	(1,025)
SUSTAINABILITY AND ENERGY MEASURES	LS			(102)
SUPPORTING FACILITIES				1,092
UTILITIES	LS			(200)
PAVEMENTS	LS			(657)
SITE IMPROVEMENTS	LS			(100)
STORM DRAINAGE	LS			(135)
SUBTOTAL				6,309
CONTINGENCY (5.0%)				315
TOTAL CONTRACT COST				6,624
SUPERVISION, INSPECTION AND OVERHEAD (5.7%)				378
DESIGN/BUILD - DESIGN COST (4.0% OF SUBTOTAL)				252
TOTAL REQUEST				7,254
TOTAL REQUEST (ROUNDED)				7,250)
EQUIPMENT FROM OTHER APPROPRIATIONS (NON-ADD)				(365

10. Description of Proposed Construction: Construct a facility utilizing conventional design and construction methods to accommodate administrative, operational, training, storage, vehicle and equipment maintenance requirements. The facility should be compatible with applicable DoD, AF and base design standards. In addition, local materials and construction techniques shall be used where cost effective. Site preparation, utilities, fire detection/protection, landscaping, parking and access road, fencing, communication support, and all other necessary support are included. This project will comply with DoD antiterrorism force protection requirements per unified facilities criteria.

11. Requirement: 8584 Adequate: 4533 Substandard: 700

PROJECT: Air Support Operations Center. (New Mission)

REQUIREMENT: A facility to support the expansion of the 15 ASOS to support a Chief of Staff of the Air Force initiative. Facility will support administrative, operational, training, storage, vehicle and equipment maintenance. Maintain mission ready air support operational personnel, radios, vehicles and mobility equipment to provide command and control of close air support.

CURRENT SITUATION: Current facilities are inadequately sized for current mission requirements. Facilities were built to support a 3 Brigade Combat Team (BCT) set. Current mission supports 4 BCT's. The building is 25% too small for current mission support. No growth is possible within the confines of the current facilities. Additional space is required to support expected growth and new mission.

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

1. COMPONENT AIR FORCE	FY 2013 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE

3. INSTALLATION, SITE AND LOCATION	4. PROJECT TITLE
FT STEWART GEORGIA	AIR SUPPORT OPERATIONS CENTER

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. RPSUID/PROJECT NUMBER	8. PROJECT COST ($000)
27248	141-753	/ACC123184	7,250

communication and coordination which will result in a significant waste of man hours and degrade mission capabilities.

ADDITIONAL: This project meets applicable 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) indicated there is only one option that will meet operational requirements: new construction. Therefore, no economic analysis was needed or 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. Air Combat Command Department of Engineering: (915) 568-5933. Admin & General Purpose: 1,487 SM = 15,911 SF; Storage Shed: 1,864 SM = 19,945 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 2013 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
FT STEWART GEORGIA	AIR SUPPORT OPERATIONS CENTER

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
27248	141-753	/ACC123184	7,250

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 363

(4) Construction Contract Award 13 FEB

(5) Construction Start 13 MAR

(6) Construction Completion 14 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	2014	100
FURNISHINGS	3400	2014	265

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1. COMPONENT AIR FORCE	**FY 2013 MILITARY CONSTRUCTION PROGRAM**	2. DATE
INSTALLATION AND LOCATION MOODY AFB, GEORGIA	COMMAND: AIR COMBAT COMMAND	5. AREA CONST COST INDEX 0.83

6. Personnel Strength	PERMANENT			STUDENTS			SUPPORTED			TOTAL
	OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV	
AS OF 30 Sep 11	302	2343	331	0	0	0	220	782	22	4,000
END FY 2016	312	2330	339	0	0	0	220	782	22	4,005

7. INVENTORY DATA ($000)		
a. Total Acreage:		11,458
b. Inventory Total as of : (30 Sep11)		566,767
c. Authorization Not Yet in Inventory:		25,000
d. Authorization Requested in this Program:	(FY 2013)	8,500
e. Planned in Next Four Year Program:		11,500
f. Remaining Deficiency:		18,300
g. Grand Total:		630,067

8. PROJECTS REQUESTED IN THIS PROGRAM: (FY2013)

CATEGORY CODE	PROJECT TITLE	SCOPE		COST $,000	DESIGN START	STATUS CMPL
171-212	HC-130J Simultor Facility	2,788	SM	8,500	Design Build	
		Total		8,500		

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

130-142	Fire /Crash Rescue Station			11,500		
		Total		11,500		

9b. Real Property Maintenance Backlog This Installation: ($M)	109

10. MISSION OR MAJOR FUNCTIONS: Headquarters Air Force Special Operations Command; a command search and rescue wing with one HC-130 Rescue Squadron, one HH-60 Rescue Squadron, and one Pararescue Squadron. The wing hosts 14 support squadrons and two major tenant units The wing also has operational control over the 563rd Rescue Group at Davis-Monthan AFB, Arizona, and the 563rd Rescue Group Operating Location-Alpha at Nellis AFB, Nevada.

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 2013 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AIR FORCE	(computer generated)	

3. INSTALLATION, SITE AND LOCATION	4. PROJECT TITLE
MOODY AIR FORCE BASE MOODY AIR FORCE BASE SITE # 1 GEORGIA	HC-130J SIMULATOR FACILITY

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. RPSUID/PROJECT NUMBER	8. PROJECT COST ($000)
41132	171-212	3020/QSEU103008	8,500

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITIES				5,901
FLIGHT SIMULATOR TRAINING FACILITY	SM	2,788	2,075	(5,785)
SUSTAINABILITY AND ENERGY MEASURES	LS			(116)
SUPPORTING FACILITIES				1,479
SITE IMPROVEMENTS	LS			(180)
COMMUNICATIONS SUPPORT	LS			(250)
PAVING, WALKS, CURBS, GUTTERS	LS			(236)
UTILITIES	LS			(813)
SUBTOTAL				7,380
CONTINGENCY (5.0%)				369
TOTAL CONTRACT COST				7,749
SUPERVISION, INSPECTION AND OVERHEAD (5.7%)				442
DESIGN/BUILD - DESIGN COST (4.0% OF SUBTOTAL)				295
TOTAL REQUEST				8,486
TOTAL REQUEST (ROUNDED)				8,500)
EQUIPMENT FROM OTHER APPROPRIATIONS (NON-ADD)				(24,280

10. Description of Proposed Construction: Construct an HH-60 in-unit operational flight trainer and HC-130J flight simulator training facility utilizing conventional design and construction methods to accommodate the mission of the facility. The facility should be compatible with applicable DoD, Air Force, and base design standards. In addition, local materials and construction techniques shall be used where cost effective. Work includes all electrical, mechanical, communications, including secure communications, fire detection/suppression, back-up generator, security and energy monitoring systems. Site work will include all work necessary to provide a complete and usable storage facility. This project will comply with DoD antiterrorism force protection requirements per Unified Facilities Criteria (UFC).

Air Conditioning: 90 Tons

11. Requirement: 4802 SM Adequate: 1527 SM Substandard: 487 SM

PROJECT: HC-130J Simulator Facility. (New Mission)

REQUIREMENT: Adequate space is required to operate both an HC-130J flight simulator and an HH-60 in-unit operational flight trainer to train Personnel Recovery (PR) personnel. Facility must house the HC-130J simulator to provide realistic training and accurately portray the Mission Design Series (MDS) needed to properly train and increase readiness of the PR community and the fixed flight simulator for HH-60 crew training to provide realistic aircrew training in a networked simulated airspace. The facility will house the simulators, control systems, training and instructor personnel, classrooms, mission brief/debrief rooms and administrative support.

CURRENT SITUATION: There are no facilities on the installation that can house the new simulator training requirement. The existing HC-130 simulator bay is too small to accomodate the new simulator. All HC-130J and HH-60 simulator training for

1. COMPONENT AIR FORCE	FY 2013 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE

3. INSTALLATION, SITE AND LOCATION	4. PROJECT TITLE
MOODY AIR FORCE BASE MOODY AIR FORCE BASE SITE # 1 GEORGIA	HC-130J SIMULATOR FACILITY

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. RPSUID/PROJECT NUMBER	8. PROJECT COST ($000)
41132	171-212	3020/QSEU103008	8,500

Moody personnel requires temporary duty to other installations or contractor locations that have both the additional capability and simulator time.

IMPACT IF NOT PROVIDED: Failure to provide appropriate facility to support this beddown will critically impact operational capabilities of aircrews. Despite allocating available assets and resources to meet mission qualifying training requirements, personnel will not be able to meet the minimum graduate program requirements, degrading aircrew proficiency and increasing the costs associated with off-base training. Aircrews will be unprepared for on-going COCOM wartime commitments.

ADDITIONAL: This project meets applicable 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) indicated there is only one option that will meet operational requirements: new construction. Therefore, no economic analysis was needed or 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: (229)257-3601. HC-130J Simulator Facility: 2,788 SM = 30,000 SF

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

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1. COMPONENT	FY 2013 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AIR FORCE	(computer generated)	

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
MOODY AIR FORCE BASE MOODY AIR FORCE BASE SITE # 1 GEORGIA	HC-130J SIMULATOR FACILITY

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
41132	171-212	3020/QSEU103008	8,500

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 425

(4) Construction Contract Award 13 FEB

(5) Construction Start 13 MAR

(6) Construction Completion 14 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)
SIMULATOR	3080	2012	24,200
FURNITURE	3400	2013	35
COMMUNICATION EQUIPMENT	3400	2013	45

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1. COMPONENT AIR FORCE	**FY 2013 MILITARY CONSTRUCTION PROGRAM**	2. DATE

3. INSTALLATION AND LOCATION	4. COMMAND:	5. AREA CONST COST INDEX
OFFUTT AIR FORCE BASE, NEBRASKA	AIR COMBAT COMMAND	0.98

6. Personnel	PERMANENT			STUDENTS			SUPPORTED			
Strength	OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV	TOTAL
AS OF 30 SEP 11	1838	5627	4038	81	101	68	427	208	453	12,841
END FY 2016	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 11)		4,129,666
c. Authorization Not Yet in Inventory:		130,400
d. Authorization Requested in this Program:	(FY 2013)	161,000
e. Planned in Next Four Years Program:		295,200
f. Remaining Deficiency:		125,200
g. Grand Total:		4,841,466

8. PROJECTS REQUESTED IN THIS PROGRAM: (FY 2013)

CATEGORY CODE	PROJECT TITLE	SCOPE		COST $,000	DESIGN START	STATUS CMPL
610-287	USSTRATCOM Replace Fac. - Incr 2	100,866	SM	161,000	Oct-09	Feb-11
		Total		161,000		

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

131-111	Communications Data Center		12,200
610-287	USSTRATCOM Replacement Facility - Incr 3		164,000
610-287	USSTRATCOM Replacement Facility - Incr 4		119,000
		Total	295,200

9b. Real Property Maintenance Backlog This Installation: 118

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 2013 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AIR FORCE	(computer generated)	

3. INSTALLATION, SITE AND LOCATION	4. PROJECT TITLE
OFFUTT AIR FORCE BASE OFFUTTAIRFORCEBSE SITE # 1 NEBRASKA	USSTRATCOM REPLACEMENT FACILITY - INCR 2

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. RPSUID/PROJECT NUMBER	8. PROJECT COST ($000)
27576	610-287	3100/SGBP100904E	AUTH: 0 APPN: 161,000

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)
SUSTAINABILITY AND ENERGY MEASURES	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: 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

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1. COMPONENT	FY 2013 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AIR FORCE	(computer generated)	

3. INSTALLATION, SITE AND LOCATION	4. PROJECT TITLE
OFFUTT AIR FORCE BASE OFFUTTAIRFORCEBSE SITE # 1 NEBRASKA	USSTRATCOM REPLACEMENT FACILITY - INCR 2

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. RPSUID/PROJECT NUMBER	8. PROJECT COST ($000)
27576	610-287	3100/SGBP100904E	AUTH: 0 APPN: 161,000

Uninterruptible Power Source (UPS).

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 place 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:(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; however, it is fully funded by the Air Force.

** OMB approved incremental funding of this project by memo dated 4 May 2010.

Fiscal Year	Auth Requested	Appn Requested	Appropriation Approved
2012	$564.0M	$150.0M	$120.0
2013		$161.0M	
2014		$164.0M	
2015		$119.0M	

AUTHORIZATION OF THE PROJECT: Authorized at $564M in FY12 NDAA

FY 2013 AUTHORIZATION AND APPROPRIATION SUMMARY:

FY 2013 AUTHORIZATION: -0-

FY 2013 AUTHORIZATION FOR APPROPRIATION: $161.0M

FY 2013 APPROPRIATION: $161.0M

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1. COMPONENT	FY 2013 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AIR FORCE	(computer generated)	

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
OFFUTT AIR FORCE BASE OFFUTTAIRFORCEBSE SITE # 1 NEBRASKA	USSTRATCOM REPLACEMENT FACILITY - INCR 2

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
27576	610-287	3100/SGBP100904E	AUTH: 0 APPN: 161,000

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 2012	100%
* (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	12 FEB
(5) Construction Start	12 MAR
(6) Construction Completion	17 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	2013	8,000
C4I SYSTEMS ENGINEERING/INTEGR	3400	2014	7,000
COMM/COMPUTER SYSTEM	3080	2014	25,000
FURNISHINGS	3400	2015	22,000
COMM/COMPUTER SYSTEM	3080	2015	99,000
COMM/COMPUTER SYSTEM	3080	2015	99,000
COMM/COMPUTER SYSTEM	3080	2015	56,000
FURNISHINGS	3400	2016	77,000
COMM/COMPUTER SYSTEM	3080	2016	99,000

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1. COMPONENT AIR FORCE	FY 2013 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
27576	610-287	3100/SGBP100904E	AUTH: 0 APPN: 161,000

COMM/COMPUTER/UPS SYSTEM	3080	2016	55,000

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1. COMPONENT AIR FORCE	**FY 2013 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 0.99

6. Personnel Strength	PERMANENT			STUDENTS			SUPPORTED			TOTAL
	OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV	
AS OF 30 SEP 11	437	3554	1925	8	4	0	1	10	86	6,025
END FY 2016	455	3615	1950	8	4	0	1	10	86	6,129

7. INVENTORY DATA ($000)

a. Total Acreage:		57,837
b. Inventory Total as of : (30 Sep 11)		2,524,621
c. Authorization Not Yet in Inventory:		125,383
d. Authorization Requested in this Program:	(FY 2013)	25,000
e. Planned in Next Four Years Program:		37,500
f. Remaining Deficiency:		44,600
g. Grand Total:		2,757,104

8. PROJECTS REQUESTED IN THIS PROGRAM: (FY 2013)

CATEGORY CODE	PROJECT TITLE	SCOPE		COST $,000	DESIGN START	STATUS CMPL
211-177	MQ-9 Maintenance Hangar	8,297	SM	25,000	Design	Build
		Total		25,000		

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

141-454	BEAR Asset Storage Area		15,500
311-171	RAMS Indoor Target FLIP Facility		14,200
319-951	ADAL Fabrication Shop		7,800
		Total	37,500

9b. Real Property Maintenance Backlog This Installation: ($M) 201

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 2013 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AIR FORCE	(computer generated)	

3. INSTALLATION, SITE AND LOCATION	4. PROJECT TITLE
HOLLOMAN AIR FORCE BASE HOLLOMAN SITE # 1 NEW MEXICO	MQ-9 MAINTENANCE HANGAR

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. RPSUID/PROJECT NUMBER	8. PROJECT COST ($000)
35219	211-177	2352/KWRD123004	25,000

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITIES				16,050
AIRCRAFT HANGAR	SM	5,580	2,725	(15,206)
AIRCRAFT PARKING SPACE	SM	2,717	195	(530)
SUSTAINABILITY AND ENERGY MEASURES	LS			(315)
SUPPORTING FACILITIES				5,376
HANGAR APRON	LS			(4,615)
UTILITIES	LS			(315)
SITE IMPROVEMENTS	LS			(411)
COMMUNICATIONS	LS			(35)
SUBTOTAL				21,426
CONTINGENCY (5.0%)				1,071
TOTAL CONTRACT COST				22,497
SUPERVISION, INSPECTION AND OVERHEAD (5.7%)				1,282
DESIGN/BUILD - DESIGN COST (4.0% OF SUBTOTAL)				857
TOTAL REQUEST				24,637
TOTAL REQUEST (ROUNDED)				25,000

10. Description of Proposed Construction: Construct covered aircraft parking and maintenance space for MQ-9 airframes utilizing conventional design and construction methods to accommodate the mission of the facility. The facility should be compatible with applicable DoD, Air Force, and base design standards. In addition, local materials and construction techniques shall be used where cost effective. High expansion foam fire suppression system and supporting infrastructure, medium load rated aircraft ramp surrounding the structure and all other required supporting infrastructure are included. Concrete footings and medium load rated concrete floor for sunshades. This project will comply with DoD antiterrorism force protection requirements per unified facilities criteria.

11. Requirement: 11160 SM Adequate: 5580 SM Substandard: 0 SM

PROJECT: MQ-9 Maintenance Hangar. (New Mission)

REQUIREMENT: MQ-9 airframes require covered parking and maintenance space for all Primary Aircraft Authorization (PAA). Given current and future PAA numbers generated by impending force structure changes at the Remotely Piloted Aircraft (RPA) Flight Training Unit (FTU) II, Holloman AFB (HAFB) will require additional covered aircraft parking and maintenance space. HAFB covered parking and maintenance space requirement exceeded existing capacity in Mar 2010 and will continue to grow to a total deficit of 12 airframes in Sep 2012.

CURRENT SITUATION: HAFB currently has two existing maintenance hangars that are being reconfigured to meet maintenance requirements of MQ-9 and one new hangar under design, but they do not provide adequate storage and maintenance space requirements to provide the number of mission capable aircraft required to meet training mission sortie requirements for three full squadrons. Aircraft specific environmental requirements call for fully enclosed space. Existing storage and maintenance space is not available to meet the requirement.

1. COMPONENT	FY 2013 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AIR FORCE	(computer generated)	

3. INSTALLATION, SITE AND LOCATION	4. PROJECT TITLE
HOLLOMAN AIR FORCE BASE HOLLOMAN SITE # 1 NEW MEXICO	MQ-9 MAINTENANCE HANGAR

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. RPSUID/PROJECT NUMBER	8. PROJECT COST ($000)
35219	211-177	2352/KWRD123004	25,000

IMPACT IF NOT PROVIDED: If sufficient fully enclosed aircraft storage and maintenance space is not made available in a timely fashion, the required number of mission capable RPAs required to meet training needs well not be available to provide sufficiently trained pilots to support the warfighters. As a result, vital training assets will be left in storage caskets and training missions will be limited. Without sufficient training missions, the RPA FTU II cannot sustain the required training syllabus and therefore cannot produce the required number of trained aircrews needed to support war-zone combatant commanders.

ADDITIONAL: This project meets applicable 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) indicated there is only one option that will meet operational requirements: new construction. Therefore, no economic analysis was needed or 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: Comm (575) 572-3071. RPA Maintenance Hangar: 5,580 SM = 60,063 SF; Sunshade Pad: 2,717 SM = 29,072 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.

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1. COMPONENT	FY 2013 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AIR FORCE	(computer generated)	

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
HOLLOMAN AIR FORCE BASE HOLLOMAN SITE # 1 NEW MEXICO	MQ-9 MAINTENANCE HANGAR

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
35219	211-177	2352/KWRD123004	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 1,250

(4) Construction Contract Award 13 FEB

(5) Construction Start 13 MAR

(6) Construction Completion 15 MAR

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

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

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1. COMPONENT AIR FORCE	**FY 2013 MILITARY CONSTRUCTION PROGRAM**	2. DATE

3. INSTALLATION AND LOCATION	4. COMMAND:	5. AREA CONST COST INDEX
MINOT AIR FORCE BASE, NORTH DAKOTA	AIR COMBAT COMMAND	1.17

6. Personnel Strength	PERMANENT			STUDENTS			SUPPORTED			
	OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV	TOTAL
AS OF 30 SEP 11	608	4332	960	0	0	0	0	0	61	5,961
END FY 2016	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 11)		1,685,536
c. Authorization Not Yet in Inventory:		115,851
d. Authorization Requested in this Program:	(FY 2013)	4,600
e. Planned in Next Four Years Program:		52,525
f. Remaining Deficiency:		85,400
g. Grand Total:		1,943,912

8. PROJECTS REQUESTED IN THIS PROGRAM: (FY 2013)

CATEGORY CODE	PROJECT TITLE	SCOPE		COST $,000	DESIGN START	STATUS CMPL
218-712	B-52 ADD/ALTER Munitions AGE Fac	2,336	SM	4,600	Design Build	
		Total		4,600		

9a. Future Projects: Typical Planned Next Four Years:			
171-475	Construct Indoor Firing Range		15,500
211-173	Add/Alter Dock 3		14,025
721-312	Dormitory (168 RM)		23,000
		Total	52,525

9b. Real Property Maintenance Backlog This Installation: ($M)	118

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 2013 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AIR FORCE	(computer generated)	

3. INSTALLATION, SITE AND LOCATION	4. PROJECT TITLE
MINOT AIR FORCE BASE MINOT AFB SITE # 1 NORTH DAKOTA	B-52 ADD/ALTER MUNITIONS AGE FACILITY

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. RPSUID/PROJECT NUMBER	8. PROJECT COST ($000)
11113	218-712	2837/QJVF092011	4,600

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITIES				3,146
ADDITION TO MUNITIONS AGE FACILITY	SM	720	3,050	(2,196)
ALTER MUNITIONS AGE FACILITY	SM	1,616	550	(889)
SUSTAINABILITY AND ENERGY MEASURES	LS			(62)
SUPPORTING FACILITIES				854
UTILITIES	LS			(131)
PAVEMENTS	LS			(201)
SITE IMPROVEMENTS	LS			(69)
DEMOLITION (HORIZONTAL)	LS			(404)
COMMUNICATION SUPPORT	LS			(49)
SUBTOTAL				4,000
CONTINGENCY (5.0%)				200
TOTAL CONTRACT COST				4,201
SUPERVISION, INSPECTION AND OVERHEAD (5.7%)				239
DESIGN/BUILD - DESIGN COST (4.0% OF SUBTOTAL)				160
TOTAL REQUEST				4,600
TOTAL REQUEST (ROUNDED)				4,600)
EQUIPMENT FROM OTHER APPROPRIATIONS (NON-ADD)				(170

10. Description of Proposed Construction: Construct an addition to munitions Aero-space Ground Equipment (AGE) facility utilizing conventional design and construction methods to accommodate the mission of the facility. The facility should be compatible with applicable DoD, AF and base design standards. In addition, local materials and construction techniques shall be used where cost effective. Alteration includes relocation of existing mechanical space and removal and replacement of existing HVAC system for entire facility for improved efficiency, removal/modification of existing facility exterior wall(s) to support the new space addition(s), modification to existing pavements on site to match grades of existing maintenance facility, and replacement of existing plumbing fixtures with sustainable fixtures. This project will comply with DoD antiterrorism/force protection requirements per Unified Facilities Criteria.

11. Requirement: 2336 SM Adequate: 1616 SM Substandard: 720 SM

PROJECT: Add to and Alter Munitions AGE Facility. (New Mission)

REQUIREMENT: Munitions AGE requires that trailers used to haul Air Launch Cruise Missiles (ALCM) have routine maintenance to insure their reliability. The stand-up of the new B-52 squadron is expected to increase the scheduled and emergency maintenance by 30% to 40%. Overhead crane hoists are required to perform maintenance on the trailers, and are needed in each additional bay. Additionally, hook-ups will be required for 400hz generators required to run specialized maintenance equipment. The expansion will require conditioned air for the ability to perform maintenance year round. The facility will house functions such as tool benches, bench stock, administrative space, locker rooms, and engine exhaust system.

DD FORM 1391, DEC 99 Previous editions are obsolete. Page No.

1. COMPONENT	FY 2013 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AIR FORCE	(computer generated)	

3. INSTALLATION, SITE AND LOCATION	4. PROJECT TITLE
MINOT AIR FORCE BASE MINOT AFB SITE # 1 NORTH DAKOTA	B-52 ADD/ALTER MUNITIONS AGE FACILITY

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. RPSUID/PROJECT NUMBER	8. PROJECT COST ($000)
11113	218-712	2837/QJVF092011	4,600

CURRENT SITUATION: The current munitions AGE functions are conducted in building 1144. This facility is already undersized and lacks the space necessary to maintain the current number of assigned munitions trailers. The B-52 bomb squadron beddown will add an additional 4 MHU-196 trailers to the inventory. The lack of maintenance space will prohibit the maintenance and storage of these trailers. There are no other buildings on base adequately sized and configured to perform maintenance requirements on the additional trailers. Also, none of the existing three maintenance bays have crane hoists, which limits the type of work that can be performed at each bay.

IMPACT IF NOT PROVIDED: The beddown of a second B-52 squadron will add an additional 4 MHU-196 munitions trailers, exceeding the current capacity of the MUNS AGE maintenance building. The increased tempo of operations associated with the addition of a bomb squadron will increase the required maintenance to keep munitions trailers operational. Personnel increases will also accompany the additional trailers, and without space for their equipment, the benefit of additional manpower will be negated. The munitions trailers directly support the mission of the 5 BW. Without the trailers, the munitions are unable to be loaded onto aircraft which prevents the mission from being accomplished.

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 this project was done. It indicates there is only one option that will meet operational requirements; add/alter. Therefore, a certificate of exception has been prepared. Sustainable principles will be integrated into the design, development, and construction of the project in accordance with Executive Order 12423, 10 USC 2802 (c) and other applicable laws and Executive orders. Base Civil Engineer: (701) 723-2434; (Addition: 720 SM = 7,750 SF; Alter: 1616SM = 17,394 SF).

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

1. COMPONENT	FY 2013 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AIR FORCE	(computer generated)	

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
MINOT AIR FORCE BASE MINOT AFB SITE # 1 NORTH DAKOTA	B-52 ADD/ALTER MUNITIONS AGE FACILITY

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
11113	218-712	2837/QJVF092011	4,600

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 230

(4) Construction Contract Award 13 FEB

(5) Construction Start 13 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	35
COMMUNICATION EQUIPMENT	3400	2013	135

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1. COMPONENT AIR FORCE	**FY 2013 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 0.91

6. Personnel Strength	PERMANENT			STUDENTS			SUPPORTED			
	OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV	TOTAL
AS OF 30 SEP 11	2431	9542	5497	235	7414	35	1972	5,457	4,455	37,038
END FY 2016	2416	9199	5492	235	7414	35	1957	5,538	4,195	36,481

7. INVENTORY DATA ($000)		
a. Total Acreage:		7,454
b. Inventory Total as of : (30 Sep 11)		5,890,894
c. Authorization Not Yet in Inventory:		692,925
d. Authorization Requested in this Program:	(FY 2013)	18,000
e. Planned in Next Four Years Program:		215,850
f. Remaining Deficiency:		498,500
g. Grand Total:		7,316,169

8. PROJECTS REQUESTED IN THIS PROGRAM: (FY 2013)

CATEGORY CODE	PROJECT TITLE	SCOPE		COST $,000	DESIGN START	STATUS CMPL
721-312	Dormitory (144 Rm)	4,752	SM	18,000	Design	Build
			Total	18,000		

9a. Future Projects: Typical Planned in Next Four Years:		
217-712	Centralized Crypt Maint Facility	4,350
721-311	BMT Recruit Dormitory Phase 5	63,000
721-311	BMT Recruit Dormitory Phase 6	65,000
721-311	BMT Recruit Dormitory Phase 7	66,000
730-773	Interfaith Religious Center Ph 1	17,500
	Total	215,850

9b. Real Property Maintenance Backlog This Installation ($M)	360

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 2013 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AIR FORCE	(computer generated)	

3. INSTALLATION, SITE AND LOCATION	4. PROJECT TITLE
JBSA - LACKLAND AIR FORCE BASE LACKLAND AIR FORCE BASE SITE # 1 TEXAS	DORMITORY (144 RM)

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. RPSUID/PROJECT NUMBER	8. PROJECT COST ($000)
85976	721-312	2461/MPLS083008	18,000

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITY				11,345
DORMITORY (144 RM)	SM	4,752	2,341	(11,123)
SUSTAINABILITY AND ENERGY MEASURES	LS			(222)
SUPPORTING FACILITIES				4,160
SITE IMPROVEMENTS	LS			(188)
PAVEMENTS	LS			(464)
COMMUNICATIONS	LS			(360)
SPECIAL PIER FOUNDATION	LS			(1,372)
DEMOLITION, VERTICAL	SM	3,470	225	(781)
UTILITIES	LS			(996)
SUBTOTAL				15,506
CONTINGENCY (5.0%)				775
TOTAL CONTRACT COST				16,281
SUPERVISION, INSPECTION AND OVERHEAD (5.7%)				928
DESIGN/BUILD - DESIGN COST (4.0% OF SUBTOTAL)				620
TOTAL REQUEST				17,829
TOTAL REQUEST (ROUNDED)				18,000)
EQUIPMENT FROM OTHER APPROPRIATIONS (NON-ADD)				(1,065

10. Description of Proposed Construction: Construct a 144 room dormitory utilizing conventional design and construction methods to accommodate the mission of the facility. The facility should be compatible with applicable DoD, AF and base design standards. In addition, local materials and construction techniques shall be used where cost effective. Provide loop to existing chiller plant. Areas include 4 bedroom module, multi-purpose rooms, mechanical equipment and communications rooms, fire protection, utilities, parking, and necessary site improvements to restore areas disturbed by construction. Project demolishes 3,470 SM. Complies with DoD minimum anti-terrorism/force protection measures per Unified Facilities Criteria.

Air Conditioning: 150 Tons

11. Requirement: 803 RM Adequate: 384 RM Substandard: 930 RM

PROJECT: Construct a dormitory (144 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 JBSA - Lackland.

CURRENT SITUATION: This project replaces an existing Tier 1 Dormitory. The existing dormitory does not conform to current ATFP Standards. The utility systems are in very poor condition, and cannot be economically repaired. The facility

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1. COMPONENT	FY 2013 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AIR FORCE	(computer generated)	

3. INSTALLATION, SITE AND LOCATION	4. PROJECT TITLE
JBSA - LACKLAND AIR FORCE BASE LACKLAND AIR FORCE BASE SITE # 1 TEXAS	DORMITORY (144 RM)

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. RPSUID/PROJECT NUMBER	8. PROJECT COST ($000)
85976	721-312	2461/MPLS083008	18,000

itself is in poor condition and must be replaced soon.

IMPACT IF NOT PROVIDED: Adequate living quarters, which provide a level of privacy, will not be available resulting in degradation of morale, productivity, and career satisfaction for unaccompanied personnel executing critical Air Force mission. This important quality of life issue is directly related to the AF priority to care for our Airmen. Continue 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", 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: FY10: $4K; FY11: 684K. Future Unaccompanied Housing RPM (estimated): FY12: $688K; FY13: $688K; FY14: $688K. Base Civil Engineer: (210) 671-2977. Permanent Party Dorm 4,752 SM = 51,131 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 2013 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AIR FORCE	(computer generated)	

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
JBSA - LACKLAND AIR FORCE BASE LACKLAND AIR FORCE BASE SITE # 1 TEXAS	DORMITORY (144 RM)

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
85976	721-312	2461/MPLS083008	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 900

(4) Construction Contract Award 13 FEB

(5) Construction Start 13 MAR

(6) Construction Completion 14 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)
FURNISHINGS	3400	2014	865
EQUIPMENT	3400	2014	200

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1. COMPONENT AIR FORCE	**FY 2013 MILITARY CONSTRUCTION PROGRAM**	2. DATE
3. INSTALLATION AND LOCATION HILL AIR FORCE BASE UTAH	4. COMMAND: AIR FORCE MATERIEL COMMAND:	5. AREA CONST COST INDEX 1.08

6. Personnel Strength	PERMANENT			STUDENTS			SUPPORTED			
	OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV	TOTAL
AS OF 30 SEP 11	333	1,274	10,161	0	0	0	192	2243	205	14,408
END FY 2016	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 11)		4,322,858
c. Authorization Not Yet in Inventory:		88,402
d. Authorization Requested in this Program:	(FY 2013)	13,530
e. Planned in Next Four Years Program:		57,100
f. Remaining Deficiency:		361,500
g. Grand Total:		4,843,390

8. PROJECTS REQUESTED IN THIS PROGRAM: (FY 2013)

CATEGORY CODE	PROJECT TITLE	SCOPE		COST $,000	DESIGN START	STATUS CMPL
171-212	F-35 ADAL Flight Simulator Bldg 118	888	SM	4,000	DESIGN	BUILD
211-111	F-35 ADAL Hangar 45W/AMU	3,003	SM	7,250	DESIGN	BUILD
422-264	F-35 Modular Storage Magazines	386	SM	2,280	DESIGN	BUILD
		Total		13,530		

9a. Future Projects: Typical Planned In Next Four Years:			
130-142	Fire Crash Rescue Station		21,000
211-153	Robotic NDI Facility, Ph 1		15,100
317-315	388 RANS Mission Control Center		21,000
		Total	57,100

9b. Real Propery Maintenance Backlog This Installation: ($M)	349

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 2013 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AIR FORCE	(computer generated)	

3. INSTALLATION, SITE AND LOCATION	4. PROJECT TITLE
HILL AIR FORCE BASE HILL AFB SITE # 1 UTAH	F-35 ADAL HANGAR 45W/AMU

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. RPSUID/PROJECT NUMBER	8. PROJECT COST ($000)
27142	211-111	2349/KRSM103012	7,250

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITIES				5,386
MAINTENANCE HANGAR ADDITION	SM	543	3,450	(1,873)
MAITENANCE HANGAR ALTERATION	SM	1,035	1,750	(1,811)
AMU ALTERATION	SM	1,425	1,120	(1,596)
SUSTAINABILITY AND ENERGY MEASURES	LS			(106)
SUPPORTING FACILITIES				920
UTILITIES	LS			(270)
PAVEMENTS	LS			(425)
SITE IMPROVEMENTS	LS			(190)
COMMUNICATIONS	LS			(35)
SUBTOTAL				6,306
CONTINGENCY (5.0%)				315
TOTAL CONTRACT COST				6,622
SUPERVISION, INSPECTION AND OVERHEAD (5.7%)				377
DESIGN/BUILD - DESIGN COST (4.0% OF SUBTOTAL)				252
TOTAL REQUEST				7,251
TOTAL REQUEST (ROUNDED)				7,250)
EQUIPMENT FROM OTHER APPROPRIATIONS (NON-ADD)				(650

10. Description of Proposed Construction: Alter existing and construct an addition to F-35 Aircraft Maintenance Unit (AMU) facility utilizing conventional design and construction methods to accommodate the mission of the facility. The facility should be compatible with applicable DoD, AF and base design standards. In addition, local materials and construction techniques shall be used where cost effective. Fire detection/protection, utilities, pavements, site improvements, landscaping, communication support, and all other necessary support are included. This project will comply with DoD antiterrorism 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 45W/AMU. (New Mission)

REQUIREMENT: Provide an adequately sized and configured hangar and Aircraft Maintenance Unit (AMU) to support the beddown of the F-35A weapon system. The AMU must be renovated to support the F-35A maintenace requirements, including the Autonomic Logistics Information System (ALIS) system. The first aircraft are scheduled to arrive in FY14/2Q, and be a part of the 4th Fighter Squadron, whose AMU currently occupies Hangar 45W and its associated office space.

CURRENT SITUATION: There are insufficient facilities at Hill AFB to accommodate this mission beddown. The west maintenance hangar portion of building 45 does not have adequate depth to accomplish the various maintenance functions on the F-35A; specifically engine removal/replacement and overall maintenance functions. The east hangar of building 45 is only 61 feet deep. The minimum depth requirement for

1. COMPONENT	FY 2013 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AIR FORCE	(computer generated)	

3. INSTALLATION, SITE AND LOCATION	4. PROJECT TITLE
HILL AIR FORCE BASE HILL AFB SITE # 1 UTAH	F-35 ADAL HANGAR 45W/AMU

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. RPSUID/PROJECT NUMBER	8. PROJECT COST ($000)
27142	211-111	2349/KRSM103012	7,250

the F-35A is 91 feet according to the Facility Requirement Plan for this weapon system. The existing west AMU portion of building 45 is not suitable in terms of condition and layout. The floor plan must be reconfigured for efficiencies and renovation is required.

IMPACT IF NOT PROVIDED: The 388th FW will not be able to receive delivery of the assigned F-35A aircraft 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, and also so that the Autonomic Logistics Information System (ALIS) can be supported.

ADDITIONAL: This project meets applicable 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) indicated there is only one option that will meet operational requirements: add/alter. 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: (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	FY 2013 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AIR FORCE	(computer generated)	

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
HILL AIR FORCE BASE HILL AFB SITE # 1 UTAH	F-35 ADAL HANGAR 45W/AMU

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
27142	211-111	2349/KRSM103012	7,250

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 363

(4) Construction Contract Award 13 FEB

(5) Construction Start 13 MAR

(6) Construction Completion 14 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)
COMMUNICATION EQUIPMENT	3080	2013	300
FURNISHINGS	3400	2013	200
SECUITY SYSTEMS	3080	2013	150

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1. COMPONENT	FY 2013 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AIR FORCE	(computer generated)	

3. INSTALLATION, SITE AND LOCATION	4. PROJECT TITLE
HILL AIR FORCE BASE HILL AFB SITE # 1 UTAH	F-35 MODULAR STORAGE MAGAZINES

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. RPSUID/PROJECT NUMBER	8. PROJECT COST ($000)
27142	422-264	2349/KRSM103030	2,280

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITIES				1,221
MODULAR STORAGE MAGAZINES	SM	386	3,100	(1,197)
SUSTAINABILITY AND ENERGY MEASURES	LS			(24)
SUPPORTING FACILITIES				755
UTILITIES	LS			(100)
PAVEMENTS	LS			(150)
SITE IMPROVEMENTS	LS			(145)
COMMUNICATIONS SUPPORT	LS			(120)
DEMOLITION	SM	504	476	(240)
SUBTOTAL				1,976
CONTINGENCY (5.0%)				99
TOTAL CONTRACT COST				2,074
SUPERVISION, INSPECTION AND OVERHEAD (5.7%)				118
DESIGN/BUILD - DESIGN COST (4.0% OF SUBTOTAL)				79
TOTAL REQUEST				2,272
TOTAL REQUEST (ROUNDED)				2,280)
EQUIPMENT FROM OTHER APPROPRIATIONS (NON-ADD)				(75

10. Description of Proposed Construction: Construct two Modular Storage Magazines (MSM), capable of storing 500,000 pounds of Class 1.1 munitions each, utilizing conventional design and construction methods to accommodate the mission of the facility. The facility should be compatible with applicable DoD, Air Force, and base design standards. In addition, local materials and construction techniques shall be used where cost effective. Work includes access roads, reinforced concrete aprons, utilities, site improvements, communications support and all other necessary work. Demolish four facilities totaling 504 SM. This project will comply with DoD antiterrorism force protection requirements per unified facilities criteria.

11. Requirement: 1990 SM Adequate: 1604 SM Substandard: 1357 SM

PROJECT: F-35 Modular Storage Magazines. (New Mission)

REQUIREMENT: Two properly sized and configured MSMs are required to support the new large containerized precision guided munitions associated with a proposed new mission beddown of three squadrons of twenty four F-35A aircraft at Hill AFB, UT. Each MSM is to measure 26' x 80' with a 24' wide door opening and a full length reinforced concrete apron spanning the front to allow for heavy equipment loading/manuevering and to connect to new MSM roads. Both MSMs will require a lightning protection system, two levels of Intrusion Detection Equipment (IDE), internal and external lighting, external phone line/Vindicator for alarm annunciation, and high security door locking mechanism. MSMs are to be constructed in locations that ensure proper drainage with no steep roadway/apron grades.

CURRENT SITUATION: The AF has announced Hill AFB as the preferred site alternative for the first squadron of F-35A aircraft. There are insufficient MSMs at Hill AFB to support this new mission beddown. All existing MSMs capable of storing 500,000

1. COMPONENT	FY 2013 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AIR FORCE	(computer generated)	

3. INSTALLATION, SITE AND LOCATION	4. PROJECT TITLE
HILL AIR FORCE BASE HILL AFB SITE # 1 UTAH	F-35 MODULAR STORAGE MAGAZINES

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. RPSUID/PROJECT NUMBER	8. PROJECT COST ($000)
27142	422-264	2349/KRSM103030	2,280

pounds of Class 1.1 munitions and which can physically accommodate the new large containerized precision guided munitions are being used to maximum capacity to support current missions.

IMPACT IF NOT PROVIDED: Without these two MSMs Hill AFB will not be able to provide munitions storage for this new mission beddown. F-35A aircrews will not have munitions available for required training operations, and Hill AFB will not be able to deliver the necessary weapons to the warfighter for worldwide contingency operations. Aircrews will need to travel to other training sites where munitions are available in the interim. However, without munitions training certification, aircrews could be grounded and not able to deploy if necessary.

ADDITIONAL: This project meets applicable 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) indicated there is only one option that will meet operational requirements: new construction. Therefore, no economic analysis was needed or 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: (801) 777-7505. F-35A Modular Storage Magazines: 386 SM = 4,160 SF.

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

1. COMPONENT	FY 2013 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AIR FORCE	(computer generated)	

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
HILL AIR FORCE BASE HILL AFB SITE # 1 UTAH	F-35 MODULAR STORAGE MAGAZINES

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
27142	422-264	2349/KRSM103030	2,280

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 114

(4) Construction Contract Award 13 FEB

(5) Construction Start 13 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)
SECURITY EQUIPMENT ITEMS	3080	2013	75

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1. COMPONENT	FY 2013 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AIR FORCE	(computer generated)	

3. INSTALLATION, SITE AND LOCATION	4. PROJECT TITLE
HILL AIR FORCE BASE HILL AFB SITE # 1 UTAH	F-35 ADAL BUILDING 118 FOR FLIGHT SIMULATOR

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. RPSUID/PROJECT NUMBER	8. PROJECT COST ($000)
27142	171-212	2349/KRSM113028	4,000

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITIES				2,959
SIMULATOR FACILITY ADDITION	SM	316	4,565	(1,443)
SIMULATOR FACILITY ALTERATION	SM	572	2,550	(1,459)
SUSTAINABILITY AND ENERGY MEASURES	LS			(58)
SUPPORTING FACILITIES				498
UTILITIES	LS			(210)
PAVEMENTS	LS			(128)
SITE IMPROVEMENTS	LS			(125)
COMMUNICATIONS	LS			(35)
SUBTOTAL				3,457
CONTINGENCY (5.0%)				173
TOTAL CONTRACT COST				3,630
SUPERVISION, INSPECTION AND OVERHEAD (5.7%)				207
DESIGN/BUILD - DESIGN COST (4.0% OF SUBTOTAL)				138
TOTAL REQUEST				3,975
TOTAL REQUEST (ROUNDED)				4,000)
EQUIPMENT FROM OTHER APPROPRIATIONS (NON-ADD)				(80,650

10. Description of Proposed Construction: Construct a F-35A flight simulation addition to existing flight simulator training facility utilizing conventional design and construction methods to accommodate the mission of the facility. The facility should be compatible with applicable DoD, Air Force, and base design standards. In addition, local materials and construction techniques shall be used where cost effective. Fire detection/protection, special security enhancements, utilities, pavements, site improvements, landscaping, communication support and all other necessary work as required are included. This project will comply with DoD antiterrorism force protection requirements per unified facilities criteria.

Air Conditioning: 40 Tons

11. Requirement: 1613 SM Adequate: 725 SM Substandard: 572 SM

PROJECT: ADAL F-35 ADAL Building 118 for Flight Simulator. (New Mission)

REQUIREMENT: Provide adequately sized and configured F-35A flight simulation training facility by adding to and altering building 118. The AF has announced Hill AFB as the preferred site alternative for the first squadron of F-35A fighter aircraft. The first aircraft is scheduled for delivery in FY13/4Q. Three squadrons of 24 aircraft require space for six simulators total. This project will provide space for four F-35A simulators. The final two will be programmed in an out-year MILCON project. To install the first four simulators, construct two additional high bay (35 feet) simulator training rooms on the south end of building 118, capable of accommodating one F-35A flight simulator in each room, plus alteration of two large existing bays in building 118 to accommodate one simulator each. The new construction portion must include a raised computer floor in each simulator room and all mechanical and electrical services. Simulator training facility must comply with security requirements unique to the F-35A. Provide a

1. COMPONENT	FY 2013 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AIR FORCE	(computer generated)	

3. INSTALLATION, SITE AND LOCATION	4. PROJECT TITLE
HILL AIR FORCE BASE HILL AFB SITE # 1 UTAH	F-35 ADAL BUILDING 118 FOR FLIGHT SIMULATOR

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. RPSUID/PROJECT NUMBER	8. PROJECT COST ($000)
27142	171-212	2349/KRSM113028	4,000

Heating, Ventilation, and Air Conditioning (HVAC) system that is able to maintain a constant temperature environment for sensitive computational equipment. Provide intrusion detection and fire detection/suppression systems as per F-35A simulator training facility requirements.

CURRENT SITUATION: There are insufficient facilities at Hill AFB to support this mission beddown. There are no other facilities on Hill AFB capable of accommodating this mission.

IMPACT IF NOT PROVIDED: The 388 FW will not be able to provide F-35A simulation training to assigned aircrews. They must travel to other sites that have a training facility in the interim. However, without aircrew certification, the crews could be grounded and not able to deploy if necessary.

ADDITIONAL: This project meets applicable 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) indicated the best option to meet operational requirements is add/alter. 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: (801) 777-7505. Flight Simulator Addition: 316 SM = 3,400 AF; Flight Simulator Alteration: 572 SM = 6,155 SF

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

1. COMPONENT	FY 2013 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AIR FORCE	(computer generated)	

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
HILL AIR FORCE BASE HILL AFB SITE # 1 UTAH	F-35 ADAL BUILDING 118 FOR FLIGHT SIMULATOR

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
27142	171-212	2349/KRSM113028	4,000

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 200

(4) Construction Contract Award 13 FEB

(5) Construction Start 13 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	500
FLIGHT SIMULATORS (2)	3080	2013	40,000
FLIGHT SIMULATORS (2)	3080	2011	40,000

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1. COMPONENT AIR FORCE	FY 2013 MILITARY CONSTRUCTION PROGRAM	2. DATE

INSTALLATION AND LOCATION	COMMAND:	5. AREA CONST
THULE AIR BASE	AIR FORCE SPACE	COST INDEX
GREENLAND	COMMAND	2.67

6. Personnel	PERMANENT			STUDENTS			SUPPORTED			
Strength	OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV	TOTAL
AS OF 30 SEP 11	21	114	2	0	0	0	0	0	506	643
END FY 2016	21	114	2	0	0	0	0	0	506	643

7. INVENTORY DATA ($000)		
Total Acreage:		233,034
Inventory Total as of : (30 Sep 11)		452,464
Authorization Not Yet in Inventory:		28,000
Authorization Requested in this Program:	(FY 2013)	24,500
Planned in Next Four Years Program:		63,700
Remaining Deficiency:		29,550
Grand Total:		598,214

8. PROJECTS REQUESTED IN THIS PROGRAM: (FY 2013)

CATEGORY CODE	PROJECT TITLE	SCOPE	COST $,000	DESIGN START	STATUS CMPL
721-312	Dormitory (48 RM)	48 PN	24,500	Design Build	
		Total	24,500		

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

219-943	Consolid Vehicle Maint & Pavement/Grounds Fac		31,700
442-765	Consolidated CE Shops & Supply Facility		32,000
		Total	63,700

9b. Real Propery Maintenance Backlog This Installation ($M) 12

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

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1. COMPONENT	FY 2013 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AIR FORCE	(computer generated)	

3. INSTALLATION, SITE AND LOCATION	4. PROJECT TITLE
THULE AIR BASE THULE AIR BASE SITE # 1 GREENLAND	DORMITORY (48 PN)

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. RPSUID/PROJECT NUMBER	8. PROJECT COST ($000)
31476	721-314	3339/WWCX103032	24,500

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITIES				19,617
DORMITORY (48 PN)	SM	3,012	6,390	(19,247)
SUSTAINABILITY AND ENERGY MEASURES	LS			(370)
SUPPORTING FACILITIES				1,522
UTILITIES	LS			(650)
SITE IMPROVEMENTS	LS			(340)
COMMUNICATIONS	LS			(350)
PAVEMENTS	LS			(182)
SUBTOTAL				21,139
CONTINGENCY (5.0%)				1,057
TOTAL CONTRACT COST				22,196
SUPERVISION, INSPECTION AND OVERHEAD (6.5%)				1,443
DESIGN/BUILD - DESIGN COST (4.0% OF SUBTOTAL)				846
TOTAL REQUEST				24,484
TOTAL REQUEST (ROUNDED)				24,500)
EQUIPMENT FROM OTHER APPROPRIATIONS (NON-ADD)				(510

10. Description of Proposed Construction: Construct a 3-story, 48 person dormitory utilizing conventional design and construction methods as feasible to accommodate the mission of the facility in the Thule arctic environment. The facility should be compatible with applicable DoD, Air Force, and base design standards. In addition, local materials and construction techniques shall be used where cost effective. Includes site improvements, utilties and communications. Interior will consist of 48 rooms with interior corridor access to AFCEE Thule Dorm prototype configured modules supporting a grade mix of 12 E1 to E4 (IAW Unit "E" Plan) plus 36 E-5 to E-6 (IAW Unit "D" Plan). This project will comply with DoD antiterrorism/force protection requirements per Unified Facilities Criteria.

11. Requirement: 798 PN Adequate: 143 PN Substandard: 757 PN

PROJECT: Construct Dormitory (48 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. This project replaces the Tier 1 dorm based on the 2008 dorm master plam. Thule is a remote site located in an extreme arctic

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1. COMPONENT AIR FORCE	FY 2013 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE

3. INSTALLATION, SITE AND LOCATION	4. PROJECT TITLE
THULE AIR BASE THULE AIR BASE SITE # 1 GREENLAND	DORMITORY (48 PN)

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. RPSUID/PROJECT NUMBER	8. PROJECT COST ($000)
31476	721-314	3339/WWCX103032	24,500

environment. Existing 58-year-old facilities provide deplorable living conditions and continue to degrade in the harsh arctic weather. Thule AB is a remoet location and there are no off base communities or housing facilities. This dorm project is critical as it will allow for movement of personnel from substandard living conditions to acceptable living conditions and it will allow for the renovation of existing living areas. Without this project, renovations cannot be completed as there are not adequate temporary lodging facilities available.

IMPACT IF NOT PROVIDED: Adequate living quarters, which provide a level of privacy 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: 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. This project meets the criteria/scope specified in Air Force Handbook 32-1084, Facility Requirements" and the Air Force Dorm Design Guide. Unaccompanied Housing RPM Conducted : FY10: $1,663K; FY11: $2,300K. Future Unaccompanied Housing RPM (estimated): FY12: $2,500K; FY13: $2,500; FY14: $2,500K. 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: Commercial (719) 556-7631. Dormitory: 3,012 SM = 32,410 SF

FOREIGN CURRENCY: FCF Budget Rate Used: DANISH KRONER 5.3956

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 2013 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AIR FORCE	(computer generated)	

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
THULE AIR BASE THULE AIR BASE SITE # 1 GREENLAND	DORMITORY (48 PN)

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
31476	721-314	3339/WWCX103032	24,500

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	1,225
(4) Construction Contract Award	13 MAR
(5) Construction Start	13 APR
(6) Construction Completion	15 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 APPR(	FISCAL YEAR APPROPRIATED OR REQUESTED	COST ($000)
FURNISHINGS	3400	2014	360
COMMUNICATIONS EQUIPMENT	3080	2014	150

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1. COMPONENT AIR FORCE	**FY 2013 MILITARY CONSTRUCTION PROGRAM**	2. DATE

3. INSTALLATION AND LOCATION	4. COMMAND:	5. AREA CONST COST INDEX
AVIANO AIR BASE, ITALY	UNITED STATES AIR FORCES, EUROPE	1.54

6. Personnel Strength	PERMANENT			STUDENTS			SUPPORTED			
	OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV	TOTAL
AS OF 30 Sep 11	304	3332	552	0	0	0	8	93	24	4,313
END OF 2016	304	3320	551	0	0	0	8	93	24	4,300

7. INVENTORY DATA ($000)			
a. Total Acreage:	1,200		1,200
b. Inventory Total as of : (30 Sep 11)			865,182
c. Authorization Not Yet in Inventory:			33,140
d. Authorization Requested in this Program:		(FY 2013)	9,400
e. Planned in Next Four Years Program:			48,800
f. Remaining Deficiency:			0
g. Grand Total:			956,522

8. PROJECTS REQUESTED IN THIS PROGRAM: (FY 2013)

CATEGORY CODE	PROJECT TITLE	SCOPE		COST $,000	DESIGN START	STATUS CMPL
171-212	F-16 Mission Training Center	1,781	SM	9,400	Mar-11	Sep-12
		Total		9,400		

9a. Future Projects: Typical Planned Next Four Years:			
730-837	Area A1 Entry Control Point		10,800
740-316	Community Activity Center		13,000
740-674	Physical Fitness Training Center Addition		25,000
		Total	48,800

9b. Real Propery Maintenance Backlog This Installation: ($M)	99

10. Mission or Major Functions: Conducts air and space combat and combat support operations in Europe's Southern Region. Maintains two F-16 fighter squadrons able to conduct regional and expeditionary operations under NATO, SACEUR or national tasking with conventional and non-conventional munitions. Maintains an air control squadron capable of air surveillance, control and communications. Provides command, control and support functions.

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 2013 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AIR FORCE	(computer generated)	

3. INSTALLATION, SITE AND LOCATION	4. PROJECT TITLE
AVIANO AIR BASE AVIANO AIR BASE SITE # 1 ITALY	F-16 MISSION TRAINING CENTER

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. RPSUID/PROJECT NUMBER	8. PROJECT COST ($000)
27576	171-212	1400/ASHE103001	9,400

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITIES				7,446
FLIGHT SIMULATOR FACILITY	SM	1,781	4,093	(7,290)
SUSTAINABILITY AND ENERY MEASURES	LS			(156)
SUPPORTING FACILITIES				965
UTILITIES	LS			(300)
SITE DEVELOPMENT AND IMPROVEMENTS	LS			(365)
PAVEMENTS	LS			(150)
COMMUNICATIONS SUPPORT	LS			(150)
SUBTOTAL				8,411
CONTINGENCY (5.0%)				421
TOTAL CONTRACT COST				8,831
SUPERVISION, INSPECTION AND OVERHEAD (6.5%)				574
TOTAL REQUEST				9,405
TOTAL REQUEST (ROUNDED)				9,400
EQUIPMENT FROM OTHER APPROPRIATIONS (NON-ADD)				(30,950.0)

10. Description of Proposed Construction: Construct a high-bay F-16 flight simulator facility utilizing conventional design and construction methods to accommodate the mission of the facility. The facility should be compatible with applicable DoD, Air Force, and base design standards. In addition, local materials and construction techniques shall be used where cost effective. Project includes all electrical with back-up power, mechanical to include air conditioning, plumbing, fire protection and detection systems, energy conservation, communications, and site development and improvements, and vehicle parking for a complete and usable facility. Existing utilities within building footprint must be relocated. This project will comply with DoD antiterrorism force protection requirements per Unified Facilities Criteria (UFC).

Air Conditioning: 110 Tons

11. Requirement: 1781 SM Adequate: 0 SM Substandard: 150 SM

PROJECT: F-16 Mission Training Center (MTC). (Current Mission)

REQUIREMENT: An adequately sized and properly configured F-16 MTC flight simulator facility is required to consolidate all flight simulator functions and provide the latest technology to meet all training needs to include mission qualification, flight lead upgrade, instructor pilot upgrade, and other training and proficiency requirements of assigned aircrew of two F-16 squadrons in the 31st Fighter Wing. The facility and new simulator must provide realistic training and accurately portray realistic Distributive Mission Operations (DMO) needed to properly train flying personnel with all USAF DMO-capable players (Airborne Early Warning and Control System (AWACS), Joint Tactical Air Controller (JTAC), A-10, F-16, F-15, etc) and ability to fly missions in a realistic environment, with other combat aircrew, before

1. COMPONENT AIR FORCE	FY 2013 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
3. INSTALLATION, SITE AND LOCATION AVIANO AIR BASE AVIANO AIR BASE SITE # 1 ITALY	4. PROJECT TITLE F-16 MISSION TRAINING CENTER	

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. RPSUID/PROJECT NUMBER	8. PROJECT COST ($000)
27576	171-212	1400/ASHE103001	9,400

going into combat.

CURRENT SITUATION: At present, Aviano AB has older low fidelity version flight simulators housed in a 150 square meter part of one building with all classrooms and administrative space squeezed into the same space. The current facility provides less than 10% of the MTC requirement. The severe space constraint and the non-availability of high fidelity four-ship tactics training is having negative impacts on 31st FW pilot readiness and the 31st FW mission in the Southern European Region. The number of pilots requiring high fidelity four-ship tactics training continues to increase, putting additional pressure on an already unacceptable constraint on low fidelity version flight simulators (not DMO capable, do not have 360 degree visibility, not realistic for Defensive Counterair (DCA), Air-to-Air, and Air-to-Ground simulator missions, and not realistic for Flight Lead Upgrade or Instructor Pilot Upgrade Training). Additionally, the lack of capability to remotely connect to other MTCs to perform training together from different geographical locations represent a serious deficiency in the 31st FW air crew training requirement.

IMPACT IF NOT PROVIDED: Without this project, the 31st FW air crews will continue to train on low fidelity version flight simulators in an inadequately sized facility with less than ten percent of MTC requirement compared with other F-16 Fighter Wings. The air crews will not have high fidelity four-ship F-16 flight simulators available and will not be able to remotely connect and perform training together from different geographical locations. This has an added negative impact when combined with the real time flying restrictions and constraints in the Aviano AB area. Without new high fidelity four-ship F-16 simulators and the ability to remotely connect to other MTCs to perform training together from different geographical locations, it will remain difficult to maintain pilot readiness to fly in any war-time situation.

ADDITIONAL: This project is eligible for NATO funding within Capability Package 3AO-011 (reference project 3AF5078, Item 64) and a pre-finance letter will be submitted to NATO. This project meets applicable 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) indicated there is only one option that will meet operational requirements: new construction. Therefore, no economic analysis was needed or 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: Commercial 0039-0434-30-5720. Flight Simulator Facility: 1,781 SM = 19,171 SF
Flight Simulator Scheduled Delivery Date: Mar 2013

FOREIGN CURRENCY: FCF Budget Rate Used: EURO-DOLLAR .7212

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

1. COMPONENT	FY 2013 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AIR FORCE	(computer generated)	

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
AVIANO AIR BASE AVIANO AIR BASE SITE # 1 ITALY	F-16 MISSION TRAINING CENTER

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
27576	171-212	1400/ASHE103001	9,400

12. SUPPLEMENTAL DATA:

a. Estimated Design Data:

(1) Status:	
(a) Date Design Started	01-MAR-11
(b) Parametric Cost Estimates used to develop costs	YES
* (c) Percent Complete as of 01 JAN 2012	15%
* (d) Date 35% Designed	28-FEB-12
(e) Date Design Complete	28-SEP-12
(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	564
(b) All Other Design Costs	282
(c) Total	846
(d) Contract	705
(e) In-house	141
(4) Construction Contract Award	13 FEB
(5) Construction Start	13 MAR
(6) Construction Completion	14 DEC

* 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)
SIMULATOR EQUIPMENT	3080	2012	30,000
UNINTERRUPTED POWER SUPPLY	3080	2013	750
COMM EQUIPMENT	3400	2013	180
TELEPHONES	3400	2013	20

1. COMPONENT	FY 2013 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AIR FORCE	(computer generated)	

3. INSTALLATION, SITE AND LOCATION	4. PROJECT TITLE
WORLDWIDE UNSPECIFIED UNKNOWN	TRANSIENT AIRCRAFT HANGARS

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. RPSUID/PROJECT NUMBER	8. PROJECT COST ($000)
27576	211-111	/USAFE133002	15,032

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITIES				9,048
MAINTENANCE HANGAR	SM	2,090	4,260	(8,903)
SUSTAINABILITY AND ENERGY MEASURES	LS			(145)
SUPPORTING FACILITIES				4,395
UTILITIES	LS			(675)
SITE IMPROVEMENTS	LS			(180)
DEMOLITION	SM	5,666	190	(1,077)
LEGACY RAMP REPAIR	LS			(2,413)
EMERGENCY GENERATOR	EA	1	50,000	(50)
SUBTOTAL				13,443
CONTINGENCY (5.0%)				672
TOTAL CONTRACT COST				14,115
SUPERVISION, INSPECTION AND OVERHEAD (6.5%)				917
TOTAL REQUEST				15,032
TOTAL REQUEST (ROUNDED)				15,032
EQUIPMENT FROM OTHER APPROPRIATIONS (NON-ADD)				(355.0)

10. Description of Proposed Construction: Construct three (3) aircraft maintenance hangars; two for aircraft maintenance and one for administrative, life support/supply storage, maintenance storage, and meeting/planning area utilizing conventional design and construction methods to accommodate the mission of the facility. The facility should be compatible with applicable DoD, Air Force, and base design standards. In addition, local materials and construction techniques shall be used where cost effective. Construction includes utility and comm connections to main operating base, installing heating, ventilation and air conditioning systems to provide adequate environmental control for both aircraft and maintenance personnel. Project will install an emergency generator to support mission and will provide emergency power to all three hangars in event power is lost. Repair concrete pavement of the Legacy ramp repair to include deteriorated joint seal replacement, patching all joint/corner spalls, corner breaks, crack sealing and selective slab replacement to support Coronet aircraft parking. Parking spots and taxi-lanes will be restriped to safely support fighter and widebody aircraft. Demolition of one facility for a total of 5,666 SM. This project will comply with DoD antiterrorism force protection requirements per Unified Facilities Criteria (UFC).

Air Conditioning: 150 Tons

11. Requirement: 2090 SM Adequate: 0 SM Substandard: 0 SM

PROJECT: Transient Aircraft Hangars. (Current Mission)

REQUIREMENT: Coronet "fighter drags" in support of Air Expeditionary Force (AEF) swapouts, exercises, and wartime deployments to and from CENTCOM and AFRICOM AORs requires a temporary station for crew rest, refueling, maintenance, etc. Aircraft hangars are required to perform necessary maintenance in an environmentally controlled environment. Existing ramp concrete pavement requires substantial repair to attain an adequate condition to safely support US Air Force fighter and

1. COMPONENT	FY 2013 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AIR FORCE	(computer generated)	

3. INSTALLATION, SITE AND LOCATION	4. PROJECT TITLE
WORLDWIDE UNSPECIFIED UNKNOWN	TRANSIENT AIRCRAFT HANGARS

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. RPSUID/PROJECT NUMBER	8. PROJECT COST ($000)
27576	211-111	/USAFE133002	15,032

tanker aircraft sensitive to foreign object damage (FOD). Current parking and taxi-lane striping is not adequate for the proposed parking plan; as a result, the ramp will need to be restriped to support the safe and efficient parking and taxi of the proposed aircraft.

CURRENT SITUATION: This project is part of a major Air Force efficiency initiative to reduce operating costs and footprint associated with Air Force Coronet aircraft movements transitting the theater. The location currently does not have aircraft hangars suitable to support fighter aircraft maintenance in an environmentally controlled environment. The available facility is an inadequate, deteriorated abandoned facility that cannot be repaired and made adequate to accept required aircraft for maintenance and has been identified for demolition. The relevant ramp pavement is over 50 years old and exhibits a substantial amount of FOD generating from pavement distresses with inadequate pavement striping for parking and taxing aircraft.

IMPACT IF NOT PROVIDED: Sensitive maintenance on fighter aircraft will not be able to be performed putting the aircraft in an inoperable status. Significant workarounds will have to be performed and could put the pilot and aircraft at risk. Without ramp repairs, the fighter and tanker aircraft will not be able to use parking ramp or taxiway without substantial risk to the aircraft.

ADDITIONAL: This project is currently not eligible for NATO funding and we do not anticipate it becoming eligible in the future, since it is not tied to any NATO capability package. This project meets applicable 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) indicated there is only one option that will meet operational requirements: new construction. Therefore, no economic analysis was needed or 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. USAFE POC: Phone: (+49) 6371-475256. Aircraft Maintenance Hangars 2,090 SM = 22,500 SF.

FOREIGN CURRENCY: FCF Budget Rate Used: EURO-DOLLAR .7241

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 2013 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AIR FORCE	(computer generated)	

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
WORLDWIDE UNSPECIFIED UNKNOWN	TRANSIENT AIRCRAFT HANGARS

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
27576	211-111	/USAFE133002	15,032

12. SUPPLEMENTAL DATA:

a. Estimated Design Data:

(1) Status:	
(a) Date Design Started	01-JUN-11
(b) Parametric Cost Estimates used to develop costs	YES
* (c) Percent Complete as of 01 JAN 2012	15%
* (d) Date 35% Designed	28-FEB-12
(e) Date Design Complete	28-SEP-12
(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	902
(b) All Other Design Costs	451
(c) Total	1,353
(d) Contract	1,127
(e) In-house	225
(4) Construction Contract Award	13 FEB
(5) Construction Start	13 MAR
(6) Construction Completion	14 DEC

* 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)
INTRUSION DETECTION SYSTEM	3400	2013	150
COMMUNICATIONS	3400	2013	150
TELEPHONES	3400	2013	5
FURNISHINGS	3400	2013	50

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1. COMPONENT	FY 2013 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AIR FORCE	(computer generated)	

3. INSTALLATION, SITE AND LOCATION	4. PROJECT TITLE
WORLDWIDE UNSPECIFIED UNKNOWN	TRANSIENT CONTINGENCY DORMITORY - 100 RM

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. RPSUID/PROJECT NUMBER	8. PROJECT COST ($000)
27576	725-517	/USAFE133001	17,625

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITIES				13,686
TRANSIENT CONTINGENCY DORMITORY	SM	3,800	3,491	(13,266)
ELEVATOR	EA	1	150,000	(150)
SUSTAINABILITY AND ENERGY MEASURES	LS			(270)
SUPPORTING FACILITIES				2,075
UTILITIES	LS			(825)
SITE IMPROVEMENTS	LS			(730)
PAVEMENTS & WALKWAYS	LS			(300)
ENVIRONMENTAL MITIGATION	LS			(125)
COMMUNICATIONS	LS			(95)
SUBTOTAL				15,761
CONTINGENCY (5.0%)				788
TOTAL CONTRACT COST				16,549
SUPERVISION, INSPECTION AND OVERHEAD (6.5%)				1,076
TOTAL REQUEST				17,625
TOTAL REQUEST (ROUNDED)				17,625
EQUIPMENT FROM OTHER APPROPRIATIONS (NON-ADD)				(800.0)

10. Description of Proposed Construction: Construct a transient contingency dormitory to house approximately 200 unaccompanied enlisted and officer personnel, utilizing conventional design and construction methods to accommodate the mission of the facility. The facility should be compatible with applicable DoD, Air Force, and base design standards. In addition, local materials and construction techniques shall be used where cost effective. Construction also includes utility and comm connections, elevator, laundry, bulk and supply storage area, and multipurpose areas, parking, sidewalks and landscaping. Facility will feature a fire alarm evacuation system and fire suppression sprinkler system in accordance with U.S. National Fire Protection Association standards. This project will comply with DoD antiterrorism force protection requirements per unified facilities criteria.

Air Conditioning: 90 Tons

11. Requirement: 3800 SM Adequate: 0 SM Substandard: 0 SM

PROJECT: Transient Contingency Dormitory - 100 Room. (Current Mission)

REQUIREMENT: Coronet "fighter drags" in support of Air Expeditionary Force (AEF) swapouts, exercises, and wartime deployments to and from CENTCOM and AFRICOM AORs requires a temporary station for crew rest, refueling, maintenance, etc. Transient Contingency Dormitory consists of 100 rooms capable of housing two unaccompanied personnel in each. Modules will consist of bedroom area (for 2 person), shared bathroom (1 toilet/1 shower), private vanity and closet (2 per room), and circulation space. No kitchens are planned as a dining facility is in the vicinity. Facility will also have multipurpose areas, laundry facilities, vending, bulk supply and storage areas and IT access area.

CURRENT SITUATION: This project is part of a major Air Force efficiency initiative

1. COMPONENT	FY 2013 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AIR FORCE	(computer generated)	

3. INSTALLATION, SITE AND LOCATION	4. PROJECT TITLE
WORLDWIDE UNSPECIFIED UNKNOWN	TRANSIENT CONTINGENCY DORMITORY - 100 RM

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. RPSUID/PROJECT NUMBER	8. PROJECT COST ($000)
27576	725-517	/USAFE133001	17,625

to reduce operating costs and footprint associated with Air Force Coronet aircraft movements transitting the theater. The location currently does not have the capacity to absorb a mass personnel movement associated with a Coronet. Existing available facilities are over 40 years old and are in need of major life safety repairs (seismic and fire code) and are scheduled for demolition. Current adequate facilities are needed for existing missions.

IMPACT IF NOT PROVIDED: If not funded, the Air Force Coronets will be required to land at another location, eliminating planned efficiencies and cost the USAF millions in operating costs each year. Unavailability of quarters will require USAF personnel to be placed off-base, negatively impacting crew rest, maintenance of aircraft, crew integrity, etc.

ADDITIONAL: This project is currently not eligible for NATO funding and we do not anticipate becoming eligible in the future since it is not tied to any NATO capability package. The project meets the criteria scope specified in the Air Force Unaccompanied Housing Design Guide. A preliminary analysis of reasonable options for accomplishing this project (status quo, renovation, new construction) indicated there is only one option that will meet operational requirements: new construction. Therefore, no economic analysis was needed or 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. USAFE POC: Phone: (+49) 6371-475256. Transient Dorm 3,800 SM = 40,900 SF.

FOREIGN CURRENCY: FCF Budget Rate Used: EURO-DOLLAR .7241

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 2013 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AIR FORCE	(computer generated)	

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
WORLDWIDE UNSPECIFIED UNKNOWN	TRANSIENT CONTINGENCY DORMITORY - 100 RM

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
27576	725-517	/USAFE133001	17,625

12. SUPPLEMENTAL DATA:

a. Estimated Design Data:

(1) Status:	
(a) Date Design Started	01-JUN-11
(b) Parametric Cost Estimates used to develop costs	YES
* (c) Percent Complete as of 01 JAN 2012	15%
* (d) Date 35% Designed	28-FEB-12
(e) Date Design Complete	28-SEP-12
(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	1,058
(b) All Other Design Costs	529
(c) Total	1,586
(d) Contract	1,322
(e) In-house	264
(4) Construction Contract Award	13 FEB
(5) Construction Start	13 MAR
(6) Construction Completion	14 DEC

* 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	3400	2014	150
TELEPHONES	3400	2014	50
FURNISHINGS	3400	2014	600

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1. COMPONENT	FY 2013 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
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3. INSTALLATION, SITE AND LOCATION	4. PROJECT TITLE
WORLDWIDE UNSPECIFIED UNKNOWN	SANITARY SEWER LIFT/PUMP STATION

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. RPSUID/PROJECT NUMBER	8. PROJECT COST ($000)
27576	832-267	/USAFE133003	2,000

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITIES				1,400
SANITARY SEWAGE LIFT/PUMP STN	LS			(1,400)
SUPPORTING FACILITIES				400
UTILITIES	LS			(265)
PAVEMENTS	LS			(35)
SITE IMPROVEMENTS	LS			(75)
DEMOLITION	LS			(25)
SUBTOTAL				1,800
CONTINGENCY (5.0%)				90
TOTAL CONTRACT COST				1,890
SUPERVISION, INSPECTION AND OVERHEAD (6.5%)				123
TOTAL REQUEST				2,013
TOTAL REQUEST (ROUNDED)				2,000
EQUIPMENT FROM OTHER APPROPRIATIONS (NON-ADD)				(220.0)

10. Description of Proposed Construction: Construct a sanitary sewer lift/pump station facility utilizing conventional design and construction methods to accommodate the mission of the facility. The facility should be compatible with applicable DoD, Air Force, and base design standards. In addition, local materials and construction techniques shall be used where cost effective. Demolish pipe and connections from the existing lift station before divesting footprint. This project will comply with DoD antiterrorism force protection requirements per unified facilities criteria.

Air Conditioning: 0 Tons

11. Requirement: 1 EA Adequate: 0 EA Substandard: 1 EA

PROJECT: Sanitary Sewer Lift/Pump Station. (Current Mission)

REQUIREMENT: A major Air Force efficiency initiative to reduce operations and footprint at a particular location requires the consolidation of mission and personnel into a smaller US footprint. Divestiture of areas, such as military family housing where the current lift station exists, requires the construction of a new lift station in a US footprint for support of its wastewater disposal.

CURRENT SITUATION: Existing facility footprint is too large for the projected steady state population and therefore a reduction in base footprint will be required to capitalize on efficiencies. Current lift station is an area that is being targeted for divestiture back to Host Nation.

IMPACT IF NOT PROVIDED: The installation will be oversized for its end state population and will continue to have high annual operations and maintenance costs. Failure to construct new lift station will require the retention of footprint that is not contiguous to other US footprint and may require the retention of additional real estate not necessary for mission.

ADDITIONAL: This project is not eligible for NATO funding and we do not anticipate it becoming eligible in the future since it is not part of any capability package. This project meets applicable criteria/scope specified in Air Force Handbook 32-1084, Facility Requirements. A preliminary analysis of reasonable options for

1. COMPONENT	FY 2013 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AIR FORCE	(computer generated)	

3. INSTALLATION, SITE AND LOCATION	4. PROJECT TITLE
WORLDWIDE UNSPECIFIED UNKNOWN	SANITARY SEWER LIFT/PUMP STATION

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. RPSUID/PROJECT NUMBER	8. PROJECT COST ($000)
27576	832-267	/USAFE133003	2,000

accomplishing this project (status quo, renovation, new construction) indicated there is only one option that will meet operational requirements: new construction. Therefore, no economic analysis was needed or 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. MAJCOM POC: Phone: (+49) 6371-475256.

FOREIGN CURRENCY: FCF Budget Rate Used: EURO-DOLLAR .7241

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.

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1. COMPONENT	FY 2013 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
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3. INSTALLATION AND LOCATION	4. PROJECT TITLE
WORLDWIDE UNSPECIFIED UNKNOWN	SANITARY SEWER LIFT/PUMP STATION

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
27576	832-267	/USAFE133003	2,000

12. SUPPLEMENTAL DATA:

a. Estimated Design Data:

(1) Status:	
(a) Date Design Started	30-JUN-11
(b) Parametric Cost Estimates used to develop costs	YES
* (c) Percent Complete as of 01 JAN 2012	15%
* (d) Date 35% Designed	28-FEB-12
(e) Date Design Complete	28-SEP-12
(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	120
(b) All Other Design Costs	60
(c) Total	180
(d) Contract	150
(e) In-house	30
(4) Construction Contract Award	13 FEB
(5) Construction Start	13 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)
EQUIPMENT	3400	2013	200
COMMUNICATION	3400	2013	20

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1. COMPONENT	FY 2013 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
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3. INSTALLATION, SITE AND LOCATION	4. PROJECT TITLE
WORLDWIDE UNSPECIFIED UNKNOWN	UNSPECIFIED MINOR CONSTRUCTION

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. RPSUID/PROJECT NUMBER	8. PROJECT COST ($000)
91211	102-11	/PAYZ130003	18,200

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITIES				18,200
UNSPECIFIED MINOR CONSTRUCTION	LS			(18,200)
SUPPORTING FACILITIES				0
SUBTOTAL				18,200
TOTAL CONTRACT COST				18,200
TOTAL REQUEST				18,200
TOTAL REQUEST (ROUNDED)				18,200

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 more than $750,000 and equal to or less than $2,000,000. This authority provides a means of accomplishing urgent projects that are not identified but which are anticipated to arise during FY13. 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 future Military Construction appropriations.

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1. COMPONENT	FY 2013 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
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3. INSTALLATION, SITE AND LOCATION	4. PROJECT TITLE
WORLDWIDE UNSPECIFIED UNKNOWN	PLANNING AND DESIGN

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. RPSUID/PROJECT NUMBER	8. PROJECT COST ($000)
91211	102-11	/PAYZ130002	18,635

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITIES				18,635
PLANNING AND DESIGN	LS			(18,635)
SUPPORTING FACILITIES				0
SUBTOTAL				18,635
TOTAL CONTRACT COST				18,635
TOTAL REQUEST				18,635
TOTAL REQUEST (ROUNDED)				18,635

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 FY14 Military Construction Program, initiate design of facilities in the FY15 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. These funds may be used 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. These funds may also used for developing the Tri-Services Cost Estimating Guide and Unified Facilities Criteria.

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