AIR NATIONAL GUARD

Fiscal Year (FY) 2011
BUDGET ESTIMATES

MILITARY CONSTRUCTION

APPROPRIATION 3830

PROGRAM YEAR 2011

Justification Data Submitted to Congress

February 2010

DEPARTMENT OF THE AIR FORCE
AIR NATIONAL GUARD
MILITARY CONSTRUCTION PROGRAM FOR FISCAL YEAR 2011

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	Sub-Total Alabama	**7,472**	
ARIZONA	**Davis-Monthan AFB**		
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	Sub-Total Arizona	**4,650**	
DELAWARE	**New Castle County Airport**		
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	TFI - F-22 Hangar, Squadron Operations and Aircraft Maintenance Unit	48,250	**II-22**
	Sub-Total Hawaii	**71,450**	
ILLINOIS	**Capital Municipal Airport**		
	TFI - cNAF Beddown - Upgrade Facilities	16,700	**II-25**
	Sub-Total Illinois	**16,700**	
INDIANA	**Hulman Regional Airport**		
	TFI - ASOS Beddown - Upgrade Facilities	4,100	**II-28**
	Sub-Total Indiana	**4,100**	
MARYLAND	**Martin State Airport**		
	Replace Operations and Medical Training Facility	11,400	**II-31**
	Sub-Total Maryland	**11,400**	
NEW YORK	**Fort Drum Military Reservation**		
	TFI - Reaper Infrastructure Support	2,500	**II-34**
	Sub-Total New York	**2,500**	

SUMMARY PROJECT LIST
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STATE	INSTALLATION AND PROJECT	AUTH/APPN AMOUNT ($000)	PAGE NO.
NEW YORK	**Stewart International Airport (IAP)**		
	Base Defense Group Beddown	14,250	**II-37**
	Sub-Total New York	**14,250**	
NORTH CAROLINA	**Stanly County Airport**		
	Upgrade ASOS Facilities	2,000	**II-40**
	Sub-Total North Carolina	**2,000**	
PENNSYLVANIA	**State College ANG Station**		
	Add to and Alter AOS Facility	4,100	**II-43**
	Sub-Total Pennsylvania	**4,100**	
TENNESSEE	**Nashville International Airport (IAP)**		
	TFI- Renovate Intel Squadron Facilities	5,500	**II-46**
	Sub-Total Tennessee	**5,500**	
	SUB-TOTAL -- ALL BASES	**159,772**	
	PLANNING AND DESIGN	**9,214**	**II-49**
	UNSPECIFIED MINOR CONSTRUCTION	**8,000**	**II-51**
	SUB - TOTAL -- SUPPORT COSTS	**17,214**	
	GRAND TOTAL - FY 2011 REQUEST	**176,986**	

NEW MISSION/CURRENT MISSION EXHIBIT
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MILITARY CONSTRUCTION PROGRAM -- FY 2011

LOCATION	PROJECT	COST ($000)	CURRENT/ NEW/ENV
Montgomery RAP (ANG), AL	Fuel Cell and Corrosion Control Hangar	7,472	C
Davis-Monthan (AFB), AZ	TFI- Predator FOC - Active Duty Associate	4,650	N
New Castle County (MAP), DE	Joint Forces Operations Center - ANG Share	1,500	C
Jacksonville IAP, FL	Security Forces Training Facility	6,700	C
Savannah/Hilton Head IAP, GA	Relocate ASOS Facilities	7,450	N
Hickam (AFB), HI	TFI - F-22 Beddown Infrastructure Support	5,950	N
	TFI - F-22 Upgrade Munitions Complex	17,250	N
	TFI - F-22 Hangar, Squadron Operations and Aircraft Maintenance Unit	48,250	N
Abraham Lincoln Capital (MAP), IL	TFI - cNAF Beddown - Upgrade Facilities	16,700	N
Hulman RAP, IN	TFI - ASOS Beddown - Upgrade Facilities	4,100	N
Martin State Airport, MD	Replace Operations and Medical Training Facility	11,400	C
Fort Drum Military Reservation, NY	TFI - Reaper Infrastructure Support	2,500	N
Stewart IAP, NY	Base Defense Group Beddown	14,250	N

NEW MISSION/CURRENT MISSION EXHIBIT
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Stanly County Airport, NC	Upgrade ASOS Facilities	2,000	N
State College ANGS, PA	Add To and Alter AOS Facility	4,100	C
Nashville IAP, TN	TFI- Renovate INTEL Squadron Facilities	5,500	N

PLANNING AND DESIGN	**9,214**
UNSPECIFIED MINOR CONSTRUCTION	**8,000**
TOTAL ENERGY	**0**
TOTAL ENVIRONMENTAL	**0**
TOTAL NEW MISSION (11)	**128,600**
TOTAL CURRENT MISSION (5)	**31,172**
GRAND TOTAL - FY 2011 REQUEST	**176,986**

DEPARTMENT OF THE AIR FORCE
AIR NATIONAL GUARD
MILITARY CONSTRUCTION PROGRAM FOR FISCAL YEAR 2011

SECTION I

APPROPRIATIONS LANGUAGE

For construction, acquisition, expansion, rehabilitation, and conversion of facilities for the training and administration of the Air National Guard, and contributions therefore, as authorized by Chapter 1803 of Title 10, United States Code, and Military Construction Authorizations Acts, $176,986,000 to remain available until September 30, 2015.

SPECIAL PROGRAM CONSIDERATIONS

Environmental Compliance

The environmental compliance projects proposed in this program are necessary to correct current environmental noncompliance situations and to prevent future noncompliance.

Flood Plain Management and Wetland Protection

Proposed land acquisitions, disposals, and installation construction projects have been planned in accordance with the requirements of Executive Orders 11988, Flood Plain Management, and 11900, Protection of Wetlands. Projects have been sited to avoid long and short-term adverse impacts, reduce the risk of flood losses, and minimize the loss, or degradation of wetlands.

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.

Preservation of Historical Sites and Structures

Facilities included in this program do not directly or indirectly affect a district, site, building, structure, object, or setting listed in the National Register of Historic Places, except as noted on the DD Form 1391s.

Environmental Protection

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

Economic Analysis

Economics are an inherent aspect of project development and design of military construction projects. Therefore, all projects included in this program represent the most economical use of resources.

SPECIAL PROGRAM CONSIDERATIONS
(continued)

Reserve Manpower Potential

The reserve manpower potential to meet and maintain authorized strengths of all reserve flying/non-flying units in those areas in which these facilities are to be located has been reviewed. It has been determined, in coordination with all other Services having reserve flying/non-flying units in these areas, that the number of units of the reserve components of the Armed Forces presently located in those areas, and those which have been allocated to the areas for future activation, is not and will not be larger than the number that reasonably can be expected to be maintained at authorized strength considering the number of persons living in the areas who are qualified for membership in those reserve units.

Construction Criteria Manual

Unless otherwise noted, the projects comply with the scope and design criteria prescribed in the Unified Facilities Criteria (UFC).

Request for Reauthorization

In light of unforeseen site conditions and execution delays, the Air National Guard requests reauthorization of project CURZ049023, Base Security Improvements at Burlington, VT, originally authorized in fiscal year 2008 for $6,600,000.

DEPARTMENT OF THE AIR FORCE
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SECTION II

PROJECT JUSTIFICATION DATA

1. COMPONENT	FY 2011 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		February 2010

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
MONTGOMERY REGIONAL AIRPORT (ANG) BASE, ALABAMA	FUEL CELL AND CORROSION CONTROL HANGAR

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST($000)
52276F	211-179	FAKZ959574	$7,472

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
FUEL CELL AND CORROSION CONTROL FACILITY	SM	1,821		4,887
FUEL CELL HANGAR AREA	SM	697	2,583	(1,800)
FUEL CELL SHOP AREA	SM	139	2,583	(359)
CORROSION CONTROL HANGAR AREA	SM	697	2,583	(1,800)
CORROSION CONTROL SHOP AREA	SM	139	2,583	(359)
MEDIA STRIPPING AREA	SM	149	2,583	(385)
ANTITERRORISM FORCE PROTECTION	SM	1,821	22	(40)
SDD&EPACT (3%FOR LEED CERT/ENERGY CONSERV)	LS			(144)
SUPPORTING FACILITIES				1,826
UTILITIES	LS			(267)
RAMP ACCESS AND PAVEMENTS	LS			(800)
SITE IMPROVEMENTS	LS			(140)
COMMUNICATIONS SUPPORT	LS			(50)
DEMOLITION/ASBESTOS REMOVAL	SM	430	161	(69)
FIRE SUPRESSION SUPPORT	LS			(500)
SUBTOTAL				6,713
CONTINGENCY (5%)				336
TOTAL CONTRACT COST				7,049
SUPERVISION, INSPECTION AND OVERHEAD (6%)				423
TOTAL REQUEST				7,472

10. Description of Proposed Construction: Reinforced concrete foundation and floor slab with steel framed masonry walls and roof structure. Interior walls and utilities. Exterior work includes: ramp access and supporting pavements, fire suppression systems support, utilities, site preparation, and communications support. Demolish one building and landscape the site.
Air Conditioning: 140 KW.

11. REQUIREMENT: 1,821 SM ADEQUATE: 0 SM SUBSTANDARD: 1,181 SM
PROJECT: Replace F-16 Fuel Cell and Corrosion Control Facility (Current Mission)
REQUIREMENT: The base requires an adequately sized and properly configured facility to perform environmentally safe corrosion control and fuel cell maintenance on F-16 aircraft in accordance with OSHA and AFOSH standards. One bay is required for aircraft indoor washing, corrosion control, a space for spot painting equipped with ventilation, environmental control, and fire suppression systems. Areas for solvent cleaning, bead blasting, and painting of small aircraft parts is required. Another bay is required for isolated fuel systems repair and maintenance, with proper environmental containment, fire suppression, and ventilation systems.
CURRENT SITUATION: The base has inadequate and undersized F-16 fuel cell and corrosion control facilities. The corrosion control facility, building 1403, was designed as a weapons calibration shelter for F-4 aircraft and subsequently adapted for corrosion control work. The building is only 4,630 SF; approximately 60% of the minimum required space. It has insufficient shop and storage space. The building has inadequate fire detection and suppression systems. The building is poorly insulated, with inadequate utilities. A building addition is not possible due to site constraints. The facility's ability to support corrosion control functions has diminished, resulting in marginal maintenance effectiveness. Initial configuration and supporting systems were never ideal for this type of activity. The fuel cell

1. COMPONENT	FY 2011 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		February 2010
3. INSTALLATION AND LOCATION MONTGOMERY REGIONAL AIRPORT (ANG) BASE, ALABAMA		
5. PROJECT TITLE FUEL CELL AND CORROSION CONTROL HANGAR		7. PROJECT NUMBER FAKZ959574

facility, building 1304, is over 30 years old and no longer meets physical requirements necessary for this type of function. It is not equipped with proper ventilation, environmental control or fire suppression systems required by current life-safety codes. The facility is not easily accessible from the parking apron. The base does not have a facility for munitions load crew training. Upon completion of this project, building 1403 will be demolished while building 1304 will be renovated with a separate project for a munitions load crew training facility. Currently, this task is performed in a haphazard manner outdoors, weather permitting. The lack of training environment degrades mission effectiveness. Classroom training must be done away from the aircraft, with lost training opportunities. Building 1304 is 8,000 SF and is correctly sited/sized for load crew training. The base has been identified to host an Active Associate unit; in the near future the unit will begin hosting Active Duty aircrews and maintenance crews and flying more sorties; placing further strain on the already inadequate fuel cell/corrosion control. This could become a LIMFAC to F-16 training if not addressed.

IMPACT IF NOT PROVIDED: Accept risk to mission degradation due to inadequate fuel cell maintenance and corrosion control facilities. Accept risk of early corrosion-related aircraft failure/retirement due to inadequate corrosion protection. ANG members continue to work in unsafe working conditions in facilities not constructed for currently intended purposes, not suitably configured, and without proper systems required for effective maintenance activities. Aircraft maintenance activities are delayed due to inadequate facility configuration. Lost training and mission accomplishment with increasingly adversely impacted results in missed performance requirements. Increased aircraft maintenance time. Decreased aircraft availability and corresponding aircrew training reductions on munitions load crew training.

ADDITIONAL: This project meets the criteria/scope specified in Air National Guard Handbook 32-1084, "Facility Requirements" and is in compliance with the base master plan. Antiterrorism Force Protection requirements have been considered in the development of this project. All known alternatives/options were considered in the development of this project. No other option could meet the mission requirements; therefore, no economic analysis was needed or performed. Building 1403 at 751 SM will be demolished and building 1304 will be reused as a Weapons Load Crew Training Facility. This facility can be used by other components on an "as available" basis; however, the scope of the project is based on Air National Guard requirements. Project will incorporate Leadership in Energy and Environmental Design (LEED) and sustainable development concepts, so as to achieve optimum resource efficiency, constructability, sustainability, and energy conservation, while minimizing adverse impact to the built and natural environments through all phases of its life cycle. This may result in primary facility costs exceeding DoD costing standards, but the initial investment in higher acquisition cost will be rewarded with lower life cycle costs. This is consistent with the requirements of the Energy Policy Act of 2005 (EPAct05), 10 USC 2805 (c), Executive Order 13423, and other applicable laws and Executive Orders.

DEMOLITION/ASBESTOS REMOVAL	430 SM = 4,630 SF
FUEL CELL HANGAR AREA	697 SM = 7,500 SF
FUEL CELL SHOP AREA	139 SM = 1,500 SF
CORROSION CONTROL HANGAR AREA	697 SM = 7,500 SF
MEDIA STRIPPING AREA	149 SM = 1,600 SF
CORROSION CONTROL SHOP AREA	139 SM = 1,500 SF

1. COMPONENT	FY 2011 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		February 2010

3. INSTALLATION AND LOCATION

MONTGOMERY REGIONAL AIRPORT (ANG) BASE, ALABAMA

5. PROJECT TITLE	7. PROJECT NUMBER
FUEL CELL AND CORROSION CONTROL HANGAR	FAKZ959574

12. SUPPLEMENTAL DATA:

a. Estimated Design Data:

(1) Status:	
(a) Date Design Started	MAR 2006
(b) Parametric Cost Estimates used to develop costs	NO
(c) Percent Complete as of Jan 2010	90%
* (d) Date 35% Designed	MAY 2008
(e) Date Design Complete	MAY 2010
(f) Type of Design Contract	
(g) 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 -	N/A
(3) Total Cost (c) = (a) + (b) or (d) + (e):	($000)
(a) Production of Plans and Specifications	468
(b) All Other Design Costs	234
(c) Total	702
(d) Contract	702
(e) In-House	
(4) Contract Award (Month/Year)	FEB 2011
(5) Construction Start	MAR 2011
(6) Construction Completion	MAR 2012

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

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

POINT OF CONTACT: Stephanie Stevenson
(301) 836-8778

1. COMPONENT	FY 2011 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		February 2010

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
DAVIS MONTHAN AIR FORCE BASE, ARIZONA	TFI - PREDATOR FOC - ACTIVE DUTY ASSOCIATE

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST($000)
53219F	141-753	FBNV089069	$4,650

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
PREDATOR FOC- ACTIVE DUTY ASSOCIATE	SM	882		3,063
SQUADRON OPERATIONS AREA	SM	46	3,229	(149)
SIMULATOR AND SUPPORT SPACES	SM	46	3,229	(149)
ASSOCIATE ACTIVE DUTY SQUAD OPS AREA	SM	325	3,229	(1,049)
GROUND CONTROL STATION/COMM AREA	SM	465	3,444	(1,601)
ANTITERRORISM FORCE PROTECTION	SM	883	22	(19)
SDD&EPACT (3%FOR LEED CERT/ENERGY CONSERV)	LS			(96)
SUPPORTING FACILITIES	LS			1,114
UTILITIES	LS			(300)
COMMUNICATIONS SUPPORT	LS			(95)
PAVEMENTS	LS			(250)
STANDBY AND UNINTERRUPTABLE POWER SUPPORT	LS			(80)
SECURITY MEASURES	LS			(150)
SITE IMPROVEMENTS	LS			(139)
FIRE PROTECTION SUPPORT	LS			(100)
SUBTOTAL				4,177
CONTINGENCY (5%)				209
TOTAL CONTRACT COST				4,386
SUPERVISION, INSPECTION AND OVERHEAD (6%)				263
TOTAL REQUEST				4,649
TOTAL REQUEST (ROUNDED)				4,650

10. Description of Proposed Construction: Reinforced concrete foundation and floor slab. Steel framed masonry walls and roof structure, interior walls and partitions including raised floor area. Interior finishes and utilities to meet current code requirements and support functional requirements. Unique electrical circuits are required in the operational areas, with access to power back-up systems and single phase 110 volt and three phase 208/110 volt services. Interior finishes in the operational areas includes raised floor systems. Exterior work includes: pavements and site improvements, back-up power, uninterruptible power system, security fence with electronic personnel access gate and manual vehicular access gate. Provide antiterrorism/force protection measures as appropriate. Air Conditioning: 105 KW.

11. REQUIREMENT: 2,462 SM ADEQUATE: 1,579 SM SUBSTANDARD: 0 SM

PROJECT: TFI-Predator FOC-Active Duty Associate (New Mission)

REQUIREMENT: The Air Force has identified Davis Monthan AFB as the site for the Arizona Air National Guard to operate a Predator Operations Center (POC), and Air Combat Command (ACC) identified this location as an Active Duty Associate unit. This requires a properly sized and configured area to support the full operational capability (FOC) for the Predator mission. This mission requires space for 2 Ground Control Stations (GCS). The complex requires robust/redundant communications support with connectivity to two communications switches. Allied support for installation of communication lines should include ducts to connect this facility with the base communications switch. The facility electrical circuits must support an uninterruptible power supply capability during the transfer to generator power which can take from a few seconds to a few minutes. The facility must have back-up power.

1. COMPONENT	FY 2011 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		February 2010
3. INSTALLATION AND LOCATION DAVIS MONTHAN AIR FORCE BASE, ARIZONA		
5. PROJECT TITLE TFI - PREDATOR FOC - ACTIVE DUTY ASSOCIATE		7. PROJECT NUMBER FBNV089069

CURRENT SITUATION: Site surveys have indicated permanent facilities are not available. In order to meet Initial Operation Capability (IOC) by 1st quarter 2007, on a temporary work-around basis, within minimum IOC criteria, the POC has been located in building 75 and will stay there until construction of a new facility is completed. Two mobile GCS, primary plus a surge, have been temporarily placed in a fenced and secured lot adjacent to building 75. The POC requires a certified facility meeting provisions of JAFAN 6/9 which is part of this project. This facility must be connected to the base switch and base service provider in such a way as to provide redundancy in the system. Predator IOC provides minimum capability with significant workarounds and is not intended as the final solution; it is only provided to establish the mission and begin training crews to accept the mission. Continued training and operational mission effectiveness are degraded until this FOC project can provide adequate, secure facilities.

IMPACT IF NOT PROVIDED: The Predator unit cannot reach full operational capability in time to support training and mission requirements for national security missions. Degraded facilities provided on a temporary basis for limited IOC capabilities continue to deteriorate and provide limited service. This impacts training and mission effectiveness and prevents full operational capability. The ANG and the Active Duty Air Force personnel cannot associate.

ADDITIONAL: The scope of this project was developed by comparing the Active Duty criteria with the ANG Handbook 32-1084 for similar squadron operations facilities and is in compliance with the base master plan. Antiterrorism/Force Protection requirements have been considered in the development of this project. All known alternatives/options were considered during the development of this project. No other option could meet the mission requirements; therefore, no economic analysis was needed or performed. Mission requirements, operational considerations and location are incompatible with use by other components. Project will incorporate Leadership in Energy and Environmental Design (LEED) and sustainable development concepts, so as to achieve optimum resource efficiency, constructability, sustainability, and energy conservation, while minimizing adverse impact to the built and natural environments through all phases of its life cycle. This may result in primary facility costs exceeding DoD costing standards, but the initial investment in higher acquisition cost will be rewarded with lower life cycle costs. This is consistent with the requirements of the Energy Policy Act of 2005 (EPAct05), 10 USC 2805 (c), Executive Order 13423, and other applicable laws and Executive Orders.

SQUADRON OPERATIONS AREA	46 SM = 500 SF
SIMULATOR AND SUPPORT SPACES	46 SM = 500 SF
ASSOCIATE ACTIVE DUTY SQUAD OPS AREA	325 SM = 3,500 SF
GROUND CONTROL STATION/COMM AREA	465 SM = 5,000 SF

1. COMPONENT	FY 2011 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		February 2010

3. INSTALLATION AND LOCATION

DAVIS MONTHAN AIR FORCE BASE, ARIZONA

5. PROJECT TITLE	7. PROJECT NUMBER
TFI - PREDATOR FOC - ACTIVE DUTY ASSOCIATE	FBNV089069

12. SUPPLEMENTAL DATA:

a. Estimated Design Data:

(1) Status:	
(a) Date Design Started	JUN 2008
(b) Parametric Cost Estimates used to develop costs	No
(c) Percent Complete as of Jan 2010	35%
* (d) Date 35% Designed	JAN 2010
(e) Date Design Complete	SEP 2010
(f) Type of Design Contract	
(g) 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 -	N/A
(3) Total Cost (c) = (a) + (b) or (d) + (e):	($000)
(a) Production of Plans and Specifications	294
(b) All Other Design Costs	147
(c) Total	441
(d) Contract	441
(e) In-House	
(4) Contract Award (Month/Year)	FEB 2011
(5) Construction Start	MAR 2011
(6) Construction Completion	MAR 2012

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

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

POINT OF CONTACT: Keith McCallie
(301) 836-8083

1. COMPONENT	FY 2011 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		February 2010

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
NEW CASTLE COUNTY AIRPORT, DELAWARE	JOINT FORCES OPERATIONS CENTER - ANG SHARE

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST($000)
52276F	610-287	JLWS079103	$1,500

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
JOINT OPERATIONS CENTER - ANG SHARE	SM	427		1,073
OPERATIONS CENTER	SM	427	2,422	(1,034)
ANTITERRORISM FORCE PROTECTION	SM	427	22	(9)
SDD&EPACT (3%FOR LEED CERT/ENERGY CONSERV)	LS			(30)
SUPPORTING FACILITIES	LS			290
UTILITIES	LS			(120)
PAVEMENTS	LS			(100)
ANTITERRORISM SITE IMPROVEMENTS	LS			(55)
COMMUNICATIONS SUPPORT	LS			(15)
SUBTOTAL				1,363
CONTINGENCY (5%)				68
TOTAL CONTRACT COST				1,431
SUPERVISION, INSPECTION AND OVERHEAD (6%)				86
TOTAL REQUEST				1,517
TOTAL REQUEST (ROUNDED)				1,500

10. Description of Proposed Construction: Reinforced concrete foundation and floor slab with steel framed masonry walls and roof structure. Interior walls and utilities. Miscellaneous exterior work, pavements, and landscaping.
Air Conditioning: 105 KW.

11. REQUIREMENT: 427 SM ADEQUATE: 0 SM SUBSTANDARD: 269 SM
PROJECT: Joint Operations Center - ANG share (Current Mission)
REQUIREMENT: The DE ANG requires space for joint operations center for contingencies and emergency situations. Joint operations are conducted with the Delaware Army National Guard (DEARNG). The HQ DEANG also includes the ANG senior staff to the Adjutant General (TAG) as well as the air liaison to the State Area Command (STARC) and to the other State and Federal disaster agencies.
CURRENT SITUATION: The Chief, National Guard Bureau has directed the Delaware National Guard must develop a Joint Forces Headquarters and Operations Center. The Adjutant General (TAG) requires all headquarters personnel be collocated to achieve optimal mission effectiveness. The Army National Guard has a project funded in fiscal year 2011 to construct a joint forces operations center. This project provides the ANG share of a joint facility. The HQ DEANG facility is located at New Castle County Airport. Joint activities require personnel to repeatedly transit security check points as well as travel through densely-populated residential areas and heavily congested secondary roads to accomplish routine missions. This condition negatively impacts the command and control of the Joint Forces HQ. It is not effective for the HQ DE NG staff to travel through these circumstances to attend meetings and provide the command, control and coordination or to respond promptly to State or National emergencies.
IMPACT IF NOT PROVIDED: Accept risk of emergency operations mission failure due to disjointed command and control functions. Mission readiness continues to be degraded with the current separation. Ineffective employment of National Guard resources during emergencies. Accept TAG separation from DEANG headquarters with continued degraded communications necessary for assistance in the Air Guard and State issues.

1. COMPONENT	FY 2011 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		February 2010
3. INSTALLATION AND LOCATION NEW CASTLE COUNTY AIRPORT, DELAWARE		
5. PROJECT TITLE JOINT FORCES OPERATIONS CENTER - ANG SHARE		7. PROJECT NUMBER JLWS079103

ADDITIONAL: This project will be conjunctively funded with the DEARNG project in a new Joint Forces Readiness Center located at New Castle County Airport, New Castle, Delaware. This project represents the ANG portion of the project. The relocation of HQ DEANG to the proposed Joint Forces Headquarters and operations center will generate approximately 2900 SF that will be reallocated to other activities at New Castle County Airport that are currently space deficient. This project meets the criteria/scope specified in Air National Guard Handbook 32-1084, "Facility Requirements" and is in compliance with the base master plan. These facilities are "inhabited" buildings and meet the standoff distance requirements. There is minimal threat and the level of protection is low so minimum construction standards have been applied. This facility can be used by other components on an "as available" basis; however, the scope of the project is based on Air National Guard requirements. All known alternatives/options were considered during the development of this project. No other option could meet the mission requirements; therefore, no economic analysis was needed or performed. Project will incorporate Leadership in Energy and Environmental Design (LEED) and sustainable development concepts, so as to achieve optimum resource efficiency, constructability, sustainability, and energy conservation, while minimizing adverse impact to the built and natural environments through all phases of its life cycle. This may result in primary facility costs exceeding DoD costing standards, but the initial investment in higher acquisition cost will be rewarded with lower life cycle costs. This is consistent with the requirements of the Energy Policy Act of 2005 (EPAct05), 10 USC 2805 (c), Executive Order 13423, and other applicable laws and Executive Orders.

OPERATIONS CENTER 427 SM = 4,600 SF

1. COMPONENT	FY 2011 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		February 2010

3. INSTALLATION AND LOCATION

NEW CASTLE COUNTY AIRPORT, DELAWARE

5. PROJECT TITLE	7. PROJECT NUMBER
JOINT FORCES OPERATIONS CENTER - ANG SHARE	JLWS079103

12. SUPPLEMENTAL DATA:

a. Estimated Design Data:

(1) Status:	
(a) Date Design Started	JUL 2008
(b) Parametric Cost Estimates used to develop costs	No
(c) Percent Complete as of Jan 2010	35%
* (d) Date 35% Designed	JAN 2010
(e) Date Design Complete	SEP 2010
(f) Type of Design Contract	
(g) 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 -	N/A
(3) Total Cost (c) = (a) + (b) or (d) + (e):	($000)
(a) Production of Plans and Specifications	90
(b) All Other Design Costs	45
(c) Total	135
(d) Contract	135
(e) In-House	
(4) Contract Award (Month/Year)	FEB 2011
(5) Construction Start	MAR 2011
(6) Construction Completion	MAR 2012

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

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

POINT OF CONTACT: David Thompson
(301) 836-8429

1. COMPONENT	FY 2011 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		February 2010

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
JACKSONVILLE INTERNATIONAL AIRPORT, FLORIDA	SECURITY FORCES TRAINING FACILITY

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST($000)
52276F	730-835	LSGA029009A	$6,700

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
SECURITY FORCES TRAINING FACILITY	SM	1,815		5,316
SECURITY FORCES OPS AND TRAINING AREA	SM	1,301	2,960	(3,851)
CATS AND CATM TRAINING AREA	SM	316	2,476	(782)
FITNESS CENTER AREA	SM	198	2,476	(490)
ANTITERRORISM FORCE PROTECTION	SM	1,814	22	(40)
SDD&EPACT (3%FOR LEED CERT/ENERGY CONSERV)	LS			(153)
SUPPORTING FACILITIES				745
UTILITIES	LS			(215)
REPLACEMENT PARKING	LS			(300)
SITE IMPROVEMENTS	LS			(75)
COMMUNICATIONS SUPPORT	LS			(80)
STORM WATER MANAGEMENT	LS			(75)
SUBTOTAL				6,061
CONTINGENCY (5%)				303
TOTAL CONTRACT COST				6,364
SUPERVISION, INSPECTION AND OVERHEAD (6%)				382
TOTAL REQUEST				6,746
TOTAL REQUEST (ROUNDED)				6,700

10. Description of Proposed Construction: Reinforced concrete foundation and floor slab with steel framed masonry walls and roof structure. Interior walls, utilities and communications. Exterior work includes: utilities, pavements, site improvements, communications and other support. The facility is designed to support prewired work stations.
Air Conditioning: 175 KW.

11. REQUIREMENT: 1,861 SM ADEQUATE: 46 SM SUBSTANDARD: 767 SM
PROJECT: Security Forces Training Facility (Current Mission)
REQUIREMENT: The 125th Fighter Wing requires an adequately configured and properly sized space to conduct security operations, train security forces personnel, provide fitness conditioning and provide weapons training for all wing personnel. This training is necessary to support the Wing's 18-PAA F-15C assigned aircraft (Air Defense) for wartime taskings, air sovereignty alert taskings and other assigned 24-hour operations. Required functional areas include administration, classrooms, combat arms training simulator and maintenance, fitness center, mobility storage, and weapons vault.
CURRENT SITUATION: The Security Forces Squadron, combat arms training simulator (CATS), combat arms training maintenance (CATM) functions occupy only 36% of their authorized space within buildings 1005 and 1018. Room for expansion in these facilities is not available. Other functions within these facilities are also short of space. Economically, it is better to relocate the security forces and allow the other functions to expand into the vacated space. The 125th facilities, as a whole, have insufficient space for mission operations and training and are at only 83% for their total authorized facility requirement. Dedicated CATM and CATS areas are non-existent and their supplies and equipment are stored in outdoor containers. This increases equipment deterioration due to changes in temperature and humidity. All weapons training is conducted at a local firing range located nearly an hour from the base, causing lost time and increased operations costs due to the transportation of personnel and shared scheduling with the range owners. The fitness center is undersized and not

1. COMPONENT	FY 2011 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		February 2010
3. INSTALLATION AND LOCATION JACKSONVILLE INTERNATIONAL AIRPORT, FLORIDA		
5. PROJECT TITLE SECURITY FORCES TRAINING FACILITY		7. PROJECT NUMBER LSGA029009A

centrally located. Upon completion of this project, the areas vacated by the security forces will be upgraded and reused for other functions which are also short of space.

IMPACT IF NOT PROVIDED: Continued shortages of training and operations space seriously degrade training of wing personnel and result in the continued accelerated deterioration of training and mobility equipment, thus directly impacting the wing's readiness. A reduced state of readiness directly impacts the wing's ability to respond and provide support to assigned military personnel and domestic missions. An adequately sized security forces training facility is required to provide the required level of security force protection and training. Inadequate weapons storage and weapons training facilities areas continue to negatively impact and degrade wing readiness. The fitness, health and well being of wing personnel does not meet the standards set by the Air Force due to inadequately sized and configured facilities. Existing parking areas cannot meet antiterrorism and force protection requirements.

ADDITIONAL: This project meets criteria/scope specified in ANG Handbook 32-1084, "Facility Requirements" and is in compliance with the base master plan. Antiterrorism/Force Protection requirements have been considered and incorporated in the development of this project. This facility can be used by other components on an "as available" basis; however, the scope of the project is based on Air National Guard requirements. Project will incorporate Leadership in Energy and Environmental Design (LEED) and sustainable development concepts, so as to achieve optimum resource efficiency, constructability, sustainability, and energy conservation, while minimizing adverse impact to the built and natural environments through all phases of its life cycle. This may result in primary facility costs exceeding DoD costing standards, but the initial investment in higher acquisition costs will be rewarded with lower life cycle costs. This is consistent with the requirements of the Energy Policy Act of 2005 (EPAct05), 10 USC 2805 (c), Executive Order 13423, and other applicable laws and Executive Orders. An economic analysis has been prepared comparing the alternatives of new construction, revitalization, leasing and status quo operation. Based on the net present values and benefits of the respective alternatives, new construction was found to be the most cost efficient over the life of the project.

CATS AND CATM TRAINING AREA	316 SM = 3,400 SF
FITNESS CENTER AREA	198 SM = 2,130 SF
SECURITY FORCES OPS AND TRAINING AREA	1,301 SM = 14,000 SF

1. COMPONENT	FY 2011 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		February 2010

3. INSTALLATION AND LOCATION

JACKSONVILLE INTERNATIONAL AIRPORT, FLORIDA

5. PROJECT TITLE	7. PROJECT NUMBER
SECURITY FORCES TRAINING FACILITY	LSGA029009A

12. SUPPLEMENTAL DATA:

a. Estimated Design Data:

(1) Status:	
(a) Date Design Started	JAN 2008
(b) Parametric Cost Estimates used to develop costs	No
(c) Percent Complete as of Jan 2010	35%
* (d) Date 35% Designed	SEP 2009
(e) Date Design Complete	JAN 2011
(f) Type of Design Contract	
(g) 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	402
(b) All Other Design Costs	201
(c) Total	603
(d) Contract	603
(e) In-House	
(4) Contract Award (Month/Year)	FEB 2011
(5) Construction Start	MAR 2011
(6) Construction Completion	MAR 2012

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

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

POINT OF CONTACT: ANTHONY FAABORG
(301) 836-8197

1. COMPONENT	FY 2011 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		February 2010

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
SAVANNAH/HILTON HEAD IAP, GEORGIA	RELOCATE ASOS FACILITIES

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST($000)
52671F	141-753	XDQU069150	$7,450

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
RELOCATE ASOS FACILITIES	SM	3,252		5,757
OPS AND SUPPORT SPACE	SM	1,305	1,916	(2,500)
SHOP AREA	SM	469	1,916	(899)
VEHICLE WASH AREA	SM	84	2,476	(208)
VEHICLE STORAGE AREA	SM	1,394	1,399	(1,950)
ANTITERRORISM FORCE PROTECTION	SM	1,858	22	(41)
SDD&EPACT (3%FOR LEED CERT/ENERGY CONSERV)	LS			(159)
SUPPORTING FACILITIES	LS			936
UTILITIES	LS			(185)
PAVEMENTS	LS			(225)
SITE IMPROVEMENTS	LS			(150)
COMMUNICATION SUPPORT	LS			(96)
FIRE PROTECTION SUPPORT	LS			(280)
SUBTOTAL				6,693
CONTINGENCY (5%)				335
TOTAL CONTRACT COST				7,028
SUPERVISION, INSPECTION AND OVERHEAD (6%)				422
TOTAL REQUEST				7,450

10. Description of Proposed Construction: Reinforced concrete foundation and floor slab with spread footings and engineered fill, brick masonry exterior, masonry walls, gypsum and steel stud partition walls, fixtures and hardware, mechanical and plumbing, electrical, standing seam metal roof, utilities, general site preparation, pavements, landscaping, communications, fire protection and force protection measures.
Air Conditioning: 350 KW.

11. REQUIREMENT: 3,252 SM ADEQUATE: 0 SM SUBSTANDARD: 1,374 SM
PROJECT: Relocate Air Support Operations Squadron (New Mission)
REQUIREMENT: The base requires adequately sized facilities for the Air Support Operations Squadron (ASOS). The mission requires an adequately sized and properly configured facility with the necessary electrical and mechanical systems to support mission command and control, mission training, radio and vehicle maintenance, weapons storage, planning and administration support. The storage shed is required to house 24 HMMW vehicles.
CURRENT SITUATION: Facilities do not exist at Savannah for the mission. The 165th ASOS mission is located at Glynn County airport on a small tract of land. The site houses both the ASOS and the 224th Joint Communications Support Squadron (JCSS). Both functions are short of space. There is insufficient space to train, store and maintain the equipment for both units. The equipment is stored in aisles and converted training rooms. As a result, there are health, safety and fire code violations. Some of the equipment is stored outside and not under cover; leading to deterioration. The site is only 16 acres of land and cannot be expanded. It is constrained by a public road and private housing development. In order to provide adequate space for both units, either the ASOS or the 224 JCSS must relocate. The ASOS trains with the ARNG and on the ANG-operated Townsend air-to-ground range. The range is closer to Savannah IAP than to the existing Glynn County airport site by over 30 miles. In addition, most of the ARNG units are located in the Savannah area. The Glynn County airport is

1. COMPONENT	FY 2011 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		February 2010
3. INSTALLATION AND LOCATION SAVANNAH/HILTON HEAD IAP, GEORGIA		
5. PROJECT TITLE RELOCATE ASOS FACILITIES		7. PROJECT NUMBER XDQU069150

located approximately 60 miles south of the Savannah area. For training purposes, the ASOS must convoy along Interstate 95 for 30 miles to the Range and 30 more miles to the Savannah area. By relocating the ASOS to Savannah CRTC, operating costs are significantly reduced and the correct sized facilities can be constructed since the Savannah CRTC has the land. Additional economies and synergies can be realized by being collocated with the units that train at the CRTC. The ASOS training munitions are stored at Savannah and all the personnel support is obtained from Savannah. After the ASOS is relocated, the vacated space at Glynn County will be upgraded and reused by the 224th JCSS.

IMPACT IF NOT PROVIDED: The ASOS and the 224th JSSC units are not able to perform the required mission without the properly sized and properly configured facilities. Command and control, mission planning, training of personnel, radio and vehicle maintenance, equipment and weapons security and administrative activities are adversly impacted. Vehicles and equipment exposed to the weather continue to deteriorate resulting in high maintenance, repair and replacement costs. Higher operating costs. Health, Safety and fire code violations continue; accept the risk to equipment or injury to personnel.

ADDITIONAL: This project meets the criteria/scope specified in Air National Guard Handbook 32-1084, "Facility Requirements" and is in compliance with the base master plan. Antiterrorism/Force Protection requirements have been considered in the development of this project. This facility can be used by other components on an "as available" basis; however, the scope of the project is based on Air National Guard requirements. All known alternatives/options were considered during the development of this project. No other option could meet the mission requirements; therefore, no economic analysis was needed or performed. Project will incorporate Leadership in Energy and Environmental Design (LEED) and sustainable development concepts, so as to achieve optimum resource efficiency, constructability, sustainability, and energy conservation, while minimizing adverse impact to the built and natural environments through all phases of its life cycle. This may result in primary facility costs exceeding DoD costing standards, but the initial investment in higher acquisition cost will be rewarded with lower life cycle costs. This is consistent with the requirements of the Energy Policy Act of 2005 (EPAct05), 10 USC 2805 (c), Executive Order 13423, and other applicable laws and Executive Orders.

VEHICLE WASH AREA	84 SM = 900 SF
OPS AND SUPPORT SPACE	1,305 SM = 14,050 SF
SHOP AREA	469 SM = 5,050 SF
VEHICLE STORAGE AREA	1,394 SM = 15,000 SF

1. COMPONENT	FY 2011 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		February 2010

3. INSTALLATION AND LOCATION

SAVANNAH/HILTON HEAD IAP, GEORGIA

5. PROJECT TITLE	7. PROJECT NUMBER
RELOCATE ASOS FACILITIES	XDQU069150

12. SUPPLEMENTAL DATA:

a. Estimated Design Data:

(1) Status:	
(a) Date Design Started	OCT 2008
(b) Parametric Cost Estimates used to develop costs	No
(c) Percent Complete as of Jan 2010	35%
* (d) Date 35% Designed	JAN 2010
(e) Date Design Complete	SEP 2010
(f) Type of Design Contract	
(g) 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 -	N/A
(3) Total Cost (c) = (a) + (b) or (d) + (e):	($000)
(a) Production of Plans and Specifications	462
(b) All Other Design Costs	231
(c) Total	693
(d) Contract	693
(e) In-House	
(4) Contract Award (Month/Year)	FEB 2011
(5) Construction Start	MAR 2011
(6) Construction Completion	MAR 2012

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

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

POINT OF CONTACT: James Guidry
(301) 836-8508

1. COMPONENT	FY 2011 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		February 2010

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
HICKAM AIR FORCE BASE, HAWAII	TFI - F-22 BEDDOWN INFRASTRUCTURE SUPPORT

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST($000)
51721F	800-100	KNMD109500	$5,950

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
F-22 SITE IMPROVEMENTS AND UTILITIES SUPPORT	LS			5,346
SITE IMPROVEMENTS	LS			(650)
WATER LINES UPGRADE	LS			(550)
STORM WATER IMPROVEMENTS	LS			(500)
DRAINAGE IMPROVEMENTS	LS			(600)
SANITARY SEWER UPGRADE	LS			(450)
ELECTRICAL SERVICE UPGRADE	LS			(600)
COMMUNICATION SUPPORT	LS			(250)
RESTORE DAMAGED PAVEMENTS	LS			(800)
SECURITY FENCING AND GATES	LS			(550)
AT/FP SITE IMPROVEMENTS	LS			(396)
SUBTOTAL				5,346
CONTINGENCY (5%)				267
TOTAL CONTRACT COST				5,613
SUPERVISION, INSPECTION AND OVERHEAD (6%)				337
TOTAL REQUEST				5,950

10. Description of Proposed Construction: Earthwork and support to prepare construction site; installation/upgrading of utility systems to include water service, storm water service, sanitary sewer, electrical service, communications ducting; restore pavements damaged during construction, install security fencing and gates. Provide minimum antiterrorism and force protection measures.

11. REQUIREMENT: As Required.

PROJECT: TFI - F-22 Beddown Infrastructure Support (New Mission)

REQUIREMENT: The base requires adequately sized and properly configured infrastructure systems to support the construction of facilities for the unit's conversion from F-15 to F-22 aircraft.

CURRENT SITUATION: The base is converting from F-15's to F-22 aircraft. The F-22 aircraft will begin arriving in February 2011. The existing facilities are not large enough to support the maintenance requirements for the F-22 aircraft. This and other projects will construct F-22 facilities which are energy efficient, meet force protection requirements and allow for future expansion capability. The conversion will construct in excess of 175,000 SF of buildings and a 38,000 SM ramp. The F-22 operations and maintenance area will need to be graded and have properly sized utilities to support several large projects. It is more economical to have a single project address the utility needs for all the projects in this area and to ensure the sizing of each utility meets the demands necessary. This project will also restore the pavements and grounds damaged by the large construction effort, and provide the fill soil in those areas where there are significant fills required. The site has inadequate water supply and distribution systems to provide fire protection support. The base has inadequate communications ducting and communications manholes to support the increased communications requirements. This project will also provide the storm drainage improvements and holding ponds to accommodate the increased runoff from larger pavements and building surfaces. This project will reconstruct the flightline fencing, gates and parking lots to meet security requirements and force protection measures.

IMPACT IF NOT PROVIDED: The utilities and infrastructure systems for the large beddown effort will not be properly engineered. If piecemeal construction is allowed, the systems may not be properly

1. COMPONENT	FY 2011 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		February 2010
3. INSTALLATION AND LOCATION HICKAM AIR FORCE BASE, HAWAII		
5. PROJECT TITLE TFI - F-22 BEDDOWN INFRASTRUCTURE SUPPORT		7. PROJECT NUMBER KNMD109500

matched, leading to ineffective mission support and premature infrastructure failure. Accept risk to F-22 mission capability.

ADDITIONAL: This project meets the criteria/scope specified in Air National Guard Handbook 32-1084, "Facility Requirements" and is in compliance with the base master plan. Antiterrorism/Force Protection requirements have been considered in the development of this project. All known alternatives/options were considered during the development of this project. No other option could meet the mission requirements; therefore, no economic analysis was needed or performed. This is consistent with the requirements of the Energy Policy Act of 2005 (EPAct05), 10 USC 2805 (c), Executive Order 13423, and other applicable laws and Executive Orders.

1. COMPONENT	FY 2011 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		February 2010

3. INSTALLATION AND LOCATION

HICKAM AIR FORCE BASE, HAWAII

5. PROJECT TITLE	7. PROJECT NUMBER
TFI - F-22 BEDDOWN INFRASTRUCTURE SUPPORT	KNMD109500

12. SUPPLEMENTAL DATA:

a. Estimated Design Data:

(1) Status:	
(a) Date Design Started	OCT 2008
(b) Parametric Cost Estimates used to develop costs	No
(c) Percent Complete as of Jan 2010	35%
* (d) Date 35% Designed	JUN 2009
(e) Date Design Complete	MAR 2010
(f) Type of Design Contract	
(g) 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 -	N/A
(3) Total Cost (c) = (a) + (b) or (d) + (e):	($000)
(a) Production of Plans and Specifications	280
(b) All Other Design Costs	260
(c) Total	540
(d) Contract	540
(e) In-House	
(4) Contract Award (Month/Year)	FEB 2011
(5) Construction Start	MAR 2011
(6) Construction Completion	AUG 2012

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

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

POINT OF CONTACT: DON BOONE, L.A.
(301) 836-8090

1. COMPONENT	FY 2011 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		February 2010

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
HICKAM AIR FORCE BASE, HAWAII	TFI - F-22 UPGRADE MUNITIONS COMPLEX

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST($000)
51721F	216-642	KNMD069215	$17,250

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
F-22 UPGRADE MUNITIONS COMPLEX	SM	3,048		13,256
STORAGE IGLOOS-EARTH COVERED	SM	799	5,274	(4,214)
MUNITIONS MAINTENANCE SHOP-EARTH COVERED	SM	883	5,274	(4,657)
MULTICUBE MAGAZINE	SM	567	2,691	(1,526)
MUNITIONS INERT STORAGE	SM	427	2,153	(919)
MUNITION ADMIN SHOP	SM	372	4,542	(1,690)
SDD&EPACT (2%FOR LEED CERT/ENERGY CONSERV)	LS			(250)
SUPPORTING FACILITIES	LS			2,243
UTILITIES	LS			(650)
PAVEMENTS	LS			(580)
SITE IMPROVEMENTS	LS			(178)
SECURITY MEASURES	LS			(160)
COMMUNICATIONS SUPPORT	LS			(75)
FIRE SUPPRESSION SUPPORT	LS			(100)
RAMS PAD	SM	465	1,076	(500)
SUBTOTAL				15,499
CONTINGENCY (5%)				775
TOTAL CONTRACT COST				16,274
SUPERVISION, INSPECTION AND OVERHEAD (6%)				976
TOTAL REQUEST				17,250

10. Description of Proposed Construction: Reinforced concrete foundation and floor slab with steel framed masonry walls and roof structure. Igloos and maintenance shops will be earth covered to minimize construction cost and quantity-distance safety zone size. Interior walls and utilities. Exterior work includes: access pavements, utility support, security measures, fire protection and other support. Air Conditioning: 175 KW.

11. REQUIREMENT: 3,048 SM ADEQUATE: 0 SM SUBSTANDARD: 1,529 SM

PROJECT: TFI - F-22 Upgrade Munitions Storage Complex (New Mission)

REQUIREMENT: The base requires a properly sited and adequately sized munitions storage complex to support the operational sortie generation for a squadron of F-22 aircraft.

CURRENT SITUATION: The base does not have a fully-functional munitions storage complex which meets operational and training needs. The current location is in the footprint of the aircraft parking apron expansion and must be demolished. This project will replicate and expand the munitions facilities and collocate them with the host base so Hickam AFB will have a single munitions storage area. At the present location, the unit is limited to the number and type of munitions which can be stored due to separation requirements. The unit currently does not have adequate administrative and trailer maintenance space in which to conduct missile and munitions maintenance. These are deficiencies and will result in significant safety hazards.

IMPACT IF NOT PROVIDED: Accept risk to F-22 operational sortie generation due to lack of munitions maintenance and storage capabilities. The maintenance and storage limitations continue to lead to decreased mission and training effectiveness. Without the ability to store various types of munitions, the wing will be forced to store munitions at other DOD installations on the island away from Hickam AFB, with delays expected for combat sortie generation due to trucking munitions from

1. COMPONENT	FY 2011 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		February 2010
3. INSTALLATION AND LOCATION		
HICKAM AIR FORCE BASE, HAWAII		
5. PROJECT TITLE		7. PROJECT NUMBER
TFI - F-22 UPGRADE MUNITIONS COMPLEX		KNMD069215

off-base locations. Munitions maintenance cannot be accomplished in accordance with tech orders and safety standards. The combat aircraft parking apron cannot be expanded and operational sortie generation cannot occur.

ADDITIONAL: This project meets the criteria/scope specified in the Air National Guard Handbook 32-1084, "Facility Requirements" and is in compliance with the base master plan. Antiterrorism/Force Protection requirements have been considered in the development of this project. All known alternatives/options were considered during the development of this project. No other option could meet the mission requirements; therefore, no economic analysis was needed or performed. This facility can be used by other components on an "as available" basis; however, the scope of the project is based on Air National Guard requirements. Project will incorporate Leadership in Energy and Environmental Design (LEED) and sustainable development concepts, so as to achieve optimum resource efficiency, constructability, sustainability, and energy conservation, while minimizing adverse impact to the built and natural environments through all phases of its life cycle. This may result in primary facility costs exceeding DoD costing standards, but the initial investment in higher acquisition cost will be rewarded with lower life cycle costs. This is consistent with the requirements of the Energy Policy Act of 2005 (EPAct05), 10 USC 2805 (c), Executive Order 13423, and other applicable laws and Executive Orders.

STORAGE IGLOOS-EARTH COVERED	799 SM = 8,600 SF
MUNITIONS MAINTENANCE SHOP-EARTH COVERED	883 SM = 9,500 SF
MULTICUBE MAGAZINE	567 SM = 6,100 SF
MUNITIONS INERT STORAGE	427 SM = 4,600 SF
MUNITION ADMIN SHOP	372 SM = 4,000 SF
RAMS PAD	465 SM = 5,000 SF

1. COMPONENT	FY 2011 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		February 2010

3. INSTALLATION AND LOCATION

HICKAM AIR FORCE BASE, HAWAII

5. PROJECT TITLE	7. PROJECT NUMBER
TFI - F-22 UPGRADE MUNITIONS COMPLEX	KNMD069215

12. SUPPLEMENTAL DATA:

a. Estimated Design Data:

(1) Status:	
(a) Date Design Started	OCT 2008
(b) Parametric Cost Estimates used to develop costs	No
(c) Percent Complete as of Jan 2010	35%
* (d) Date 35% Designed	JAN 2010
(e) Date Design Complete	SEP 2010
(f) Type of Design Contract	
(g) 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 -	N/A
(3) Total Cost (c) = (a) + (b) or (d) + (e):	($000)
(a) Production of Plans and Specifications	1,080
(b) All Other Design Costs	540
(c) Total	1,620
(d) Contract	1,620
(e) In-House	
(4) Contract Award (Month/Year)	FEB 2011
(5) Construction Start	MAR 2011
(6) Construction Completion	AUG 2012

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

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

POINT OF CONTACT: DON BOONE, L.A.
(301) 836-8090

1. COMPONENT	FY 2011 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		February 2010

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
HICKAM AIR FORCE BASE, HAWAII	TFI - F-22 HANGAR, SQUADRON OPERATIONS AND AMU

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST($000)
51721F	211-111	KNMD069209	$48,250

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
F-22 HANGAR, SQUADRON OPERATIONS AND AMU	SM	7,193		39,663
AIRCRAFT MAINTENANCE HANGAR/SHOPS AREAS	SM	3,980	5,382	(21,420)
SQUADRON OPERATIONS AREA	SM	1,766	5,274	(9,314)
AIRCRAFT MAINTENANCE UNIT AREA	SM	1,447	5,382	(7,788)
ANTITERRORISM FORCE PROTECTION	SM	6,867	22	(151)
SDD&EPACT(3%FOR LEED CERT/ENERGY CONSERV)	LS			(990)
SUPPORTING FACILITIES				3,688
AIRCRAFT ACCESS PAVEMENTS	LS			(650)
UTILITIES	LS			(260)
SITE IMPROVEMENTS	LS			(178)
COMMUNICATION SUPPORT	LS			(100)
DRAINAGE IMPROVEMENTS	LS			(100)
SECURITY MEASURES	LS			(110)
FIRE SUPPRESSION SUPPORT	LS			(750)
DEMOLITION	SM	7,938	194	(1,540)
SUBTOTAL				43,351
CONTINGENCY (5%)				2,168
TOTAL CONTRACT COST				45,519
SUPERVISION, INSPECTION AND OVERHEAD (6%)				2,731
TOTAL REQUEST				48,250

10. Description of Proposed Construction: Reinforced concrete foundation and floor slab with steel framed masonry walls and roof structure. Interior walls and utility systems, security and roof structure. Exterior work includes: utilities, pavements, site improvements, fire protection, communications system support, drainage improvements, ramp access and support. Construct temporary flightline maintenance facilities. Demolish buildings and landscape the site.
Air Conditioning: 700 KW.

11. REQUIREMENT: 7,193 SM ADEQUATE: 0 SM SUBSTANDARD: 4,651 SM
PROJECT: TFI - F-22 Aircraft Maintenance Hangar, Squadron Operations and Aircraft Maintenance Unit (AMU) (New Mission)
REQUIREMENT: A consolidated squadron operations and maintenance facility with an attached aircraft hangar is required to support the beddown of the F-22 Fighter. The F-22 requires specialized maintenance and repair procedures on composite materials that must be accomplished in a secure, climate controlled work environment. The base requires an adequately sized and properly configured complex for the maintenance and operation of one wing of F-22 fighter aircraft. The concept of operation at other F-22 locations indicate the most optimum and secure operation would be to have the hangar, the squadron operations area, and the aircraft maintenance unit in one efficient complex. Functional areas include: the hangar bay for 6 aircraft, a two-story squadron ops and maintenance unit.
CURRENT SITUATION: Existing facilities cannot be upgraded to meet the requirement. The hangar is a 1960 vintage facility that can only accommodate four F-22 aircraft. Due to the site configuration, the hangar cannot be expanded. The existing hangar contains asbestos and lead-based paint, and no fire protection. The squadron ops area is located on the second and third floors of a lean-to attached to the hangar. At only 10,932 SF, it is 43% undersized. Due to configuration, the squad ops area cannot be

1. COMPONENT	FY 2011 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		February 2010
3. INSTALLATION AND LOCATION HICKAM AIR FORCE BASE, HAWAII		
5. PROJECT TITLE TFI - F-22 HANGAR, SQUADRON OPERATIONS AND AMU		7. PROJECT NUMBER KNMD069209

economically expanded and upgraded to meet the security requirements for this new fighter. The squad ops area is long and narrow. Crews have to backtrack numerous times to accomplish training and process through the building for mission planning. The existing AMU area is only 3,426 SF and located in a poorly insulated, antiquated metal building that should have been demolished long ago. The building cannot be made secure and is poorly located for future operations.

IMPACT IF NOT PROVIDED: Unable to maintain the aircraft within strict climate-controlled parameters required by aircraft manufacturer. Degraded Squadron Operations functions. The lack of this facility could result in significant degradation of operational mission capability and increase the potential for a serious mishap. F-22 aircraft component security requirements cannot be met. Accept risk to F-22 mission capability through inadequate maintenance, aircrew preparation, and aircraft security.

ADDITIONAL: This project meets the criteria/scope specified in Air National Guard Handbook 32-1084, "Facility Requirements" and is in compliance with the base master plan. Antiterrorism/Force Protection requirements have been considered in the development of this project. Mission requirements, operational considerations and location are incompatible with use by other components. An economic analysis has been prepared comparing the alternatives of new construction, revitalization, leasing and status quo operation. Based on the net present values and benefits of the respective alternatives, new construction was found to be the most cost efficient over the life of the project. The following buildings will be demolished as a result of this project: 3400 (at 6,549 SM), 3404 (at 355 SM), 3402 (at 186 SM), 3422 (at 71 SM), 3426 (at 253 SM), 3434 (at 7 SM), 3435 (at 362 SM), 3437 (at 49 SM) and 3431 (at 106 SM) for a total of 7,938 SM. Project will incorporate Leadership in Energy and Environmental Design (LEED) and sustainable development concepts, so as to achieve optimum resource efficiency, constructability, sustainability, and energy conservation, while minimizing adverse impacts to the built and natural environments through all phases of its life cycle. This may result in primary facility costs exceeding DoD costing standards, but the initial investment in higher acquisition cost will be rewarded with lower life cycle costs. This is consistent with the requirements of the Energy Policy Act of 2005 (EPAct05), 10 USC 2805 (c), Executive Order 13423, and other applicable laws and Executive Orders.

AIRCRAFT MAINTENANCE HANGAR/SHOPS AREAS	3,980 SM = 42,842 SF
SQUADRON OPERATIONS AREA	1,766 SM = 19,009 SF
AIRCRAFT MAINTENANCE UNIT AREA	1,447 SM = 15,576 SF
DEMOLITION	7,938 SM = 85,445 SF

1. COMPONENT	FY 2011 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		February 2010

3. INSTALLATION AND LOCATION

HICKAM AIR FORCE BASE, HAWAII

5. PROJECT TITLE	7. PROJECT NUMBER
TFI - F-22 HANGAR, SQUADRON OPERATIONS AND AMU	KNMD069209

12. SUPPLEMENTAL DATA:

a. Estimated Design Data:

(1) Status:	
(a) Date Design Started	OCT 2008
(b) Parametric Cost Estimates used to develop costs	YES
(c) Percent Complete as of Jan 2010	50%
* (d) Date 35% Designed	SEP 2009
(e) Date Design Complete	SEP 2010
(f) Type of Design Contract	
(g) 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 -	N/A
(3) Total Cost (c) = (a) + (b) or (d) + (e):	($000)
(a) Production of Plans and Specifications	2,895
(b) All Other Design Costs	1,448
(c) Total	4,343
(d) Contract	4,343
(e) In-House	
(4) Contract Award (Month/Year)	FEB 2011
(5) Construction Start	MAR 2011
(6) Construction Completion	MAR 2012

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

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

POINT OF CONTACT: DON BOONE, L.A.
(301) 836-8090

1. COMPONENT	FY 2011 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		February 2010

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
CAPITAL MUNICIPAL AIRPORT (MAP), ILLINOIS	TFI - CNAF BEDDOWN - UPGRADE FACILITIES

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST($000)
52672F	610-285	DCFT069059	$16,700

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
TFI - CNAF BEDDOWN - UPGRADE FACILITIES	SM	5,665		14,023
CONVERT BUILDING 16 FOR AFFOR	SM	1,850	2,314	(4,281)
CONVERT BUILDING 35 FOR AMD	SM	1,525	2,314	(3,529)
ADD TO BLDG 35 FOR AMD	SM	697	3,014	(2,101)
CONVERT BUILDING BLDG 36 FOR AOC	SM	1,128	1,884	(2,125)
ADD TO BLDG 36 FOR AOC	SM	465	3,014	(1,402)
ANTITERRORISM FORCE PROTECTION	SM	5,663	22	(125)
SDD&EPACT (3% FOR LEED CERT/ENERGY CONSERV)	LS			(460)
SUPPORTING FAILITIES	LS			982
UTILITIES	LS			(307)
PAVEMENTS	LS			(175)
SITE IMPROVEMENTS	LS			(150)
COMMUNICATION SUPPORT	LS			(200)
AT/FP SITE IMPROVEMENTS	LS			(150)
SUBTOTAL				15,005
CONTINGENCY (5%)				750
TOTAL CONTRACT COST				15,755
SUPERVISION, INSPECTION AND OVERHEAD (6%)				945
TOTAL REQUEST				16,700

10. Description of Proposed Construction: Reconfigure interior walls, replace electrical and HVAC systems, replace existing security and fire protection systems. Incorporate JAFAN 6/9 facility security requirements, establish an operations floor with a battlecab mezzanine level, update interior surfaces and establish a raised floor for communications. Add 1,162 SM to accommodate increased personnel and classified work space requirements. Repair facility exterior to include: roof, exterior surfaces, lighting, AT/FP requirements, parking and landscaping. Include all necessary support to complete facility.
Air Conditioning: 1,050 KW.

11. REQUIREMENT: 5,663 SM ADEQUATE: 0 SM SUBSTANDARD: 4,501 SM
PROJECT: TFI - cNAF Beddown- Upgrade Facilities (New Mission)
REQUIREMENT: Per the 2005 Defense BRAC Final report recommendation number 90, the F-16 aircraft will be relocated to other units or retired from this base. Through Total Force Integration initiatives, the base has been selected to receive a cNAF as a new mission. The cNAF provides combatant commanders with ready-to-act command and control capability for contingency operations. The base requires adequately sized and properly configured facilities to support a cNAF Air Operations Center (AOC) and an Air Forces Forward (AFFOR) that will meet the critical requirements of a new air operation C2 initiative in the USSOUTHCOM area of responsibility. The AOC includes functional elements responsible for plans, operations, intelligence, logistics, combat service support, and communications-electronics. The functional spaces will contain a Command Support Element (CSE), a Classified Work Space developed to meet JAFAN 6/9 requirements, and an Operations floor with battlecab. This project will support the following elements of the cNAF: AOC- 135 person; AMD-52; AFFOR-109. Total: 296

1. COMPONENT	FY 2011 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		February 2010
3. INSTALLATION AND LOCATION CAPITAL MUNICIPAL AIRPORT (MAP), ILLINOIS		
5. PROJECT TITLE TFI - CNAF BEDDOWN - UPGRADE FACILITIES		7. PROJECT NUMBER DCFT069059

CURRENT SITUATION: The Squadron Operations Facility, Avionics Shop, and Engine Shop can be converted to support the immediate requirements of the cNAF. The Squadron Operations Facility, Avionics and engine repair buildings are structurally sound, but require significant reconfiguration inside and upgrade to meet new mission needs to include extensive security (to include JAFAN 6/9-compliant construction), communications, standby power, and air conditioning, electrical upgrade and the installation of raised floor system for the communications and computer cables. The avionics facility also needs an addition to accommodate the number of personnel assigned to the mision. This facility requires asbestos removal to meet federal, state, and local Environmental Protection Agency (EPA) requirements. The HVAC unit is over 30 years old and is insufficient to meet the required load capacity of the new communications equipment. The roofs are over 10 years old. Interior walls violate the JAFAN 6/9 manual on physical security standards for this mission. The latrine provisions within these buildings are insufficient. The Squadron Operations facility does not have a raised floor to accommodate the electrical and communications cabling. The facilities require updated fire protection systems IAW ANGETL 01-01-01.

IMPACT IF NOT PROVIDED: cNAF will beddown in inadequate, unconfigured facilities designed for a small flying squadron. Insufficient configured space will leave some cNAF functions without facilities. Classified missions cannot be accomplished, or will be partially performed in cramped, overcrowded facilities that meet minimum security requirements. Mission training will be significantly hindered. The risk of classified compromise, mission degradation, or mission failure due to inadequate facilities will be high.

ADDITIONAL: This project meets the criteria/scope specified in Air National Guard Handbook 32-1084, "Facility Requirements" and is in compliance with the base master plan. Antiterrorism/Force Protection requirements have been considered in the development of this project. Project will incorporate Leadership in Energy and Environmental Design (LEED) and sustainable development concepts, so as to achieve optimum resource efficiency, constructibility, sustainability, and energy conservation, while minimizing adverse impacts to the built and natural environments through all phases of its life cycle. This may result in primary facility costs exceeding DoD costing standards, but the initial investment in higher acquisition cost will be rewarded with lower life cycle costs. This is consistent with the requirements of the Energy Policy Act of 2005 (EPAct05), 10 USC 2805 (c), Executive Order 13423, and other applicable laws and Executive Orders. An economic analysis has been prepared comparing the alternatives of new construction, revitalization, and status quo operation and it was determined that revitalization provides the highest benefit to cost ratio.

CONVERT BUILDING 16 FOR AFFOR	1,850 SM = 19,908 SF
CONVERT BUILDING 35 FOR AMD	1,525 SM = 16,414 SF
ADD TO BLDG 35 FOR AMD	697 SM = 7,500 SF
CONVERT BUILDING BLDG 36 FOR AOC	1,128 SM = 12,139 SF
ADD TO BLDG 36 FOR AOC	465 SM = 5,000 SF

1. COMPONENT	FY 2011 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		February 2010

3. INSTALLATION AND LOCATION
ABRAHAM LINCOLN CAPITAL AIRPORT (ANG), ILLINOIS

5. PROJECT TITLE	7. PROJECT NUMBER
TFI - CNAF BEDDOWN - UPGRADE FACILITIES	DCFT069059

12. SUPPLEMENTAL DATA:

a. Estimated Design Data:

(1) Status:	
(a) Date Design Started	JUN 2008
(b) Parametric Cost Estimates used to develop costs	No
(c) Percent Complete as of Jan 2010	35%
* (d) Date 35% Designed	JAN 2010
(e) Date Design Complete	SEP 2010
(f) Type of Design Contract	
(g) 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 -	N/A
(3) Total Cost (c) = (a) + (b) or (d) + (e):	($000)
(a) Production of Plans and Specifications	1,050
(b) All Other Design Costs	525
(c) Total	1,575
(d) Contract	1,575
(e) In-House	
(4) Contract Award (Month/Year)	FEB 2011
(5) Construction Start	MAR 2011
(6) Construction Completion	AUG 2012

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

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

POINT OF CONTACT: John Scanlon
(301) 836-8083

1. COMPONENT	FY 2011 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		February 2010

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
HULMAN REGIONAL AIRPORT, INDIANA	TFI - ASOS BEDDOWN - UPGRADE FACILITIES

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST($000)
52671F	141-753	LDXF069123	$4,100

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
TFI- ASOS BEDDOWN	SM	3,568		3,453
CONVERT FUEL CELL TO ASOS SPACE	SM	1,728	592	(1,023)
CONVERT WEAPONS RELEASE SHOP TO ASOS SPACE	SM	595	969	(577)
CONVERT ENGINE SHOP TO ASOS SPACE	SM	1,245	1,345	(1,675)
ANTITERRORISM FORCE PROTECTION	SM	3,568	22	(78)
SDD&EPACT (3% FOR LEED CERT/ENERGY CONSERV)	LS			(100)
SUPPORTING FACILITIES	LS			231
UTILITIES	LS			(90)
PAVEMENTS	LS			(60)
SITE IMPROVEMENTS	LS			(31)
COMMUNICATIONS SUPPORT	LS			(50)
SUBTOTAL				3,684
CONTINGENCY (5%)				184
TOTAL CONTRACT COST				3,868
SUPERVISION, INSPECTION AND OVERHEAD (6%)				232
TOTAL REQUEST				4,100

10. Description of Proposed Construction: Upgrade and modify interior areas by relocating and extending walls and utilities systems. Provide site support to include utilities, pavements, site improvements and fire protection.
Air Conditioning: 263 KW.

11. REQUIREMENT: 3,567 SM ADEQUATE: 0 SM SUBSTANDARD: 3,567 SM
PROJECT: TFI- ASOS Beddown (New Mission)
REQUIREMENT: The base requires permanent facilities for the beddown of a new 113th Air Support Operations Squadron (ASOS). The mission of the ASOS is to train and deploy with Army units and direct air support and cover, linking ground combat forces with aircrew members providing close air support. The mission requires adequately sized and properly configured facilities with the necessary electrical and mechanical systems to support mission command and control, mission training, radio and vehicle maintenance, weapons storage, mission planning, and administration support. The storage shed is required to house 24-each HMMW vehicles. This ASOS unit supports the 38th ID, 76th and 46th BCTs.
CURRENT SITUATION: The base lost the F-16 mission as a result of BRAC 2005. Existing buildings are available and can be modified and upgraded to meet ASOS requirements. The former F-16 fuel cell will be reused for high mobility multipurpose wheeled vehicle (HMMWV) storage and shop space. It requires the removal of the breathing apparatus and rearrangement of fire suppression, interior partitions and electrical systems. The F-16 jet engine shop will be reused for ASOS equipment storage and equipment maintenance/training shop space. The F-16 weapon release facility will be reused for ASOS operational/administrative space. Both the engine shop and weapons release buildings are structurally sound but require significant interior and exterior reconfiguration to meet the ASOS space requirements. Each building requires an upgraded fire protection system.
IMPACT IF NOT PROVIDED: Unable to train, maintain and store the equipment. Unable to beddown new unit in proper facilities. Temporary interim work around are being used to meet timing and

1. COMPONENT	FY 2011 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		February 2010
3. INSTALLATION AND LOCATION HULMAN REGIONAL AIRPORT, INDIANA		
5. PROJECT TITLE TFI - ASOS BEDDOWN - UPGRADE FACILITIES		7. PROJECT NUMBER LDXF069123

mission requirements. Unable to meet full operational capability in support of Army/ARNG combat requirements.

ADDITIONAL: This project meets the criteria/scope specified in Air National Guard Handbook 32-1084, "Facility Requirements". Antiterrorism/Force Protection requirements have been considered in the development of this project. This facility can be used by other components on an "as available" basis; however, the scope of the project is based on Air National Guard requirements. An economic analysis has been prepared comparing the alternatives of new construction, revitalization, leasing and status quo operation. Based on the net present values and benefits of the respective alternatives, facility conversion was found to be most cost efficient over the life of the project. Project will incorporate Leadership in Energy and Environmental Design (LEED) and sustainable development concepts, so as to achieve optimum resource efficiency, constructability, sustainability, and energy conservation, while minimizing adverse impacts to the built and natural environments through all phases of its life cycle. This may result in primary facility costs exceeding DoD costing standards, but the initial investment in higher acquisition cost will be rewarded with lower life cycle costs. This is consistent with the requirements of the Energy Policy Act of 2005 (EPAct05), 10 USC 2805 (c), Executive Order 13423, and other applicable laws and Executive Orders.

CONVERT FUEL CELL TO ASOS SPACE	1,728 SM = 18,600 SF
CONVERT WEAPONS RELEASE SHOP TO ASOS SPACE	595 SM = 6,405 SF
CONVERT ENGINE SHOP TO ASOS SPACE	1,245 SM = 13,401 SF

1. COMPONENT	FY 2011 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		February 2010

3. INSTALLATION AND LOCATION
HULMAN REGIONAL AIRPORT, INDIANA

5. PROJECT TITLE	7. PROJECT NUMBER
TFI - ASOS BEDDOWN - UPGRADE FACILITIES	LDXF069123

12. SUPPLEMENTAL DATA:

a. Estimated Design Data:

(1) Status:	
(a) Date Design Started	MAY 2006
(b) Parametric Cost Estimates used to develop costs	No
(c) Percent Complete as of Jan 2010	70%
* (d) Date 35% Designed	MAR 2007
(e) Date Design Complete	SEP 2010
(f) Type of Design Contract	
(g) 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 -	N/A
(3) Total Cost (c) = (a) + (b) or (d) + (e):	($000)
(a) Production of Plans and Specifications	261
(b) All Other Design Costs	130
(c) Total	391
(d) Contract	391
(e) In-House	
(4) Contract Award (Month/Year)	FEB 2011
(5) Construction Start	MAR 2011
(6) Construction Completion	AUG 2012

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

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

POINT OF CONTACT: David Thompson
(301) 836-8429

1. COMPONENT	FY 2011 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		February 2010

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
MARTIN STATE AIRPORT, MARYLAND	REPLACE OPERATIONS AND MEDICAL TRAINING FACILITY

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST($000)
52276F	171-450	PJMS909928	$11,400

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
REPLACE OPS AND MEDICAL TRAINING FACILITY	SM	3,131		8,321
WING HEADQUARTERS	SM	279	2,368	(661)
OPS AND TRAINING AREA	SM	1,737	2,368	(4,113)
MEDICAL TRAINING AREA	SM	1,115	2,906	(3,240)
ANTITERRORISM FORCE PROTECTION	SM	3,131	22	(69)
SDD&EPACT (3% FOR LEED CERT/ENERGY CONSERV)	LS			(238)
SUPPORTING FACILITIES				1,883
PAVEMENTS	LS			(425)
SITE IMPROVEMENTS	LS			(120)
COMMUNICATION SUPPORT	LS			(150)
UTILITIES	LS			(810)
FIRE PROTECTION SUPPORT	LS			(100)
DEMOLITION/ASBESTOS REMOVAL	SM	1,728	161	(278)
SUBTOTAL				10,204
CONTINGENCY (5%)				510
TOTAL CONTRACT COST				10,714
SUPERVISION, INSPECTION AND OVERHEAD (6%)				643
TOTAL REQUEST				11,357
TOTAL REQUEST (ROUNDED)				11,400

10. Description of Proposed Construction: Reinforced concrete foundation and floor slab with steel-framed brick veneer walls and standing seam metal roof structure. Exterior of the facility is to match base architectural style. Construction includes all supporting utilities and subsystems, access pavements, site improvements, and fire protection. Variable Air Volume HVAC system with DDC controls. Facility to support pre-wired workstation installation. Demolish existing building 1080 (1,728 SM).
Air Conditioning: 350 KW.

11. REQUIREMENT: 3,196 SM ADEQUATE: 0 SM SUBSTANDARD: 1,728 SM
PROJECT: Replace Operations and Medical Training Facility (Current Mission)
REQUIREMENT: The 175 WG requires properly sized and adequately configured space in support of its 18 PAA A-10 mission and a future C-27 Cargo aircraft squadron. Functional areas include offices, classrooms, administration space, command section, conference rooms, as well as support space.
CURRENT SITUATION: The 175 WG Operations and Training facility is a 1960's vintage building that was constructed on the edge of the base's perimeter. This building grossly fails to meet required Unified Facilities Criteria (UFC) and anti-terrorism force protection (ATFP) standards, being only 10 feet from the fence line, which is adjacent to a primary state road. When explosive weight II (vehicle bomb) simulations have been run, they indicate massive loss of life and destruction within and to the building. This aged facility is energy inefficient, maintenance intensive, and poorly configured for current missions and office requirements. After 40 years, this building is also beyond building systems modernization and upgrades. The roof has numerous leaks, HVAC and electrical systems do not meet ASHRAE or NEC requirements, there is no fire suppression and the floor plan is extemely inefficient. Upon completion of this project, the existing building will be demolished and the area made into a parking lot.

1. COMPONENT	FY 2011 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		February 2010
3. INSTALLATION AND LOCATION MARTIN STATE AIRPORT, MARYLAND		
5. PROJECT TITLE REPLACE OPERATIONS AND MEDICAL TRAINING FACILITY		7. PROJECT NUMBER PJMS909928

IMPACT IF NOT PROVIDED: The 175 WG operations functions continue to operate in a sub-standard facility that cannot meet mission requirements. Personnel security remains at an unacceptable level by working in a building that grossly fails to meet current UFC and ATFP requirements and standards. The work environment remains inefficient with multiple work-arounds in an effort to make a substandard facility meet current mission requirements. The facility places an undue strain on the operating budget by consuming an inordinate amount of energy in its heating, cooling and illumination systems. Maintenance staff and budget are stressed with the constant repairs required to keep the facility operational.

ADDITIONAL: This project meets the criteria/scope specified in the Air National Guard Handbook 32-1084, "Facility Requirements" and is in compliance with the approved base master plan. There is minimal threat and the level of protection is low so minimum construction standards have been applied. Upon completion of this project, building 1080 (1,728 SM) will be demolished. This facility can be used by other components on an "as available" basis; however, the scope of the project is based on Air National Guard requirements. Project will incorporate Leadership in Energy and Environmental Design (LEED) and sustainable development concepts, so as to achieve optimum resource efficiency, constructability, sustainability, and energy conservation, while minimizing adverse impacts to the built and natural environments through all phases of its life cycle. This may result in primary facility costs exceeding DoD costing standards, but the initial investment in higher acquisition costs will be rewarded with lower life cycle costs. This is consistent with the requirements of the Energy Policy Act of 2005 (EPAct05), 10 USC 2805 (c), Executive Order 13423, and other applicable laws and Executive Orders. An economic analysis has been prepared comparing the alternatives of new construction, revitalization, leasing and status quo operation. Based on the net present values and benefits of the respective alternatives, new construction was found to be the most cost efficient over the life of the project.

OPS AND TRAINING AREA	1,737 SM = 18,700 SF
MEDICAL TRAINING AREA	1,115 SM = 12,000 SF
WING HEADQUARTERS	279 SM = 3,000 SF

1. COMPONENT	FY 2011 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		February 2010

3. INSTALLATION AND LOCATION

MARTIN STATE AIRPORT, MARYLAND

5. PROJECT TITLE	7. PROJECT NUMBER
REPLACE OPERATIONS AND MEDICAL TRAINING FACILITY	PJMS909928

12. SUPPLEMENTAL DATA:

a. Estimated Design Data:

(1) Status:	
(a) Date Design Started	FEB 2009
(b) Parametric Cost Estimates used to develop costs	NO
(c) Percent Complete as of Jan 2010	35%
* (d) Date 35% Designed	DEC 2009
(e) Date Design Complete	SEP 2010
(f) Type of Design Contract	
(g) 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	684
(b) All Other Design Costs	342
(c) Total	1,026
(d) Contract	1,026
(e) In-House	
(4) Contract Award (Month/Year)	FEB 2011
(5) Construction Start	MAR 2011
(6) Construction Completion	MAR 2012

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

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

POINT OF CONTACT: MICHELLE LEWIS
(301) 836-8842

1. COMPONENT	FY 2011 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		February 2010

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
FORT DRUM MILITARY RESERVATION, NEW YORK	TFI - REAPER INFRASTRUCTURE SUPPORT

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST($000)
53218F	112-211	FPBB109013	$2,500

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
REAPER INFRASTRUCTURE SUPPORT	LS			1,360
RAMP AND TAXIWAY	LS			(1,200)
RAMP AND TAXIWAY LIGHTING	LS			(100)
SDD&EPACT (3% FOR LEED CERT/ENERGY CONSERV)	LS			(60)
SUPPORT FACILITIES	LS			890
ACCESS ROAD AND PARKING PAVEMENTS	LS			(110)
SITE DEVELOPMENT AND SURFACE IMPROVEMENTS	LS			(375)
UTILITIES AND COMMUNICATIONS SUPPORT	LS			(305)
ANTITERRORISM/FORCE PROTECTION	LS			(100)
SUBTOTAL				2,250
CONTINGENCY (5%)				113
TOTAL CONTRACT COST				2,363
SUPERVISION, INSPECTION AND OVERHEAD (6%)				142
TOTAL REQUEST				2,505
TOTAL REQUEST (ROUNDED)				2,500

10. Description of Proposed Construction: Provide infrastructure improvements to include pavements, site improvements and drainage. Provide concrete apron slab and flexible pavement taxiway with shoulders, and airfield lighting. Provide exterior utilities and pavements for access road and parking lot. Provide allied support for communications systems to include conduit runs, power connections, and antenna support for a government provided antenna structure. Site improvements and miscellaneous support.

11. REQUIREMENT: As Required.

PROJECT: TFI - Reaper Infrastructure Support (New Mission).

REQUIREMENT: The New York Air National Guard (NY ANG) requires a properly sited, adequately sized, and appropriately configured maintenance hangar and supporting launch and recovery element (LRE) ground control station at Fort Drum to support three MQ-9 unmanned aerial vehicles (UAVs) scheduled to arrive in late 2011. The mission requires a hangar with a minimal supporting general purpose maintenance shop and an aircraft maintenance unit. The LRE requires communications support with connectivity to the communications network and requires separate and independent antenna sites, each with fiber connectivity and electrical power. Also required is an aircraft apron and taxiway pavements complete with lighting, as well as road access and vehicle parking facilities.

CURRENT SITUATION: The New York Air National Guard has been assigned a MQ-9 Reaper squadron. Fort Drum's Wheeler-Sack Army Airfield can support a Launch and Recovery Element site for MQ-9 aircraft. A site survey conducted in July 2007 indicated that the airfield was suitable for MQ-9 operations, but facilities were not available. In 2007, the Fort Drum leadership made available a site on an existing concrete apron with limited utility capabilities where Reaper facilities could be constructed at a reduced cost. A MILCON project was established to construct the facilities. In FY10, Congress advanced the MILCON funding from the FY11 FYDP to FY10. In the spring of 2009, after the project had been under design, the Fort Drum leadership changed the Reaper project location site. In their view, the old site was not in accordance with Fort Drum's long term master plan for the airfield and remotely piloted vehicle (RPV) operations. The new site met their criteria, however, the new site does not have the ramp, access pavements and utility support that was available at the old site. The

1. COMPONENT	FY 2011 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		February 2010
3. INSTALLATION AND LOCATION FORT DRUM MILITARY RESERVATION, NEW YORK		
5. PROJECT TITLE TFI - REAPER INFRASTRUCTURE SUPPORT		7. PROJECT NUMBER FPBB109013

funds authorized and appropriated in the FY10 MILCON project are not enough to cover the infrastructure construction required. This project will provide the needed infrastucture support for the FY10 MILCON so that the FY10 project can be fully and effectively utilized without extensive high risk and expensive workarounds. Even though there are more infrastructure requirements at this new site, the location complements fielding the Army's Warrior RPV at Fort Drum and enhances future Warrior development plans. Infrastructure and operational synergies will be achieved as a result.
IMPACT IF NOT PROVIDED: Failure to provide the required infrastrucutre to support maintenance, launch and recovery facilities in New York will prevent the ANG from bedding down the UAV mission within the state and ultimately being mission capable. Training of MQ-9 aircrews will be delayed because they will not have access to facilities to retain currency in launching and recovery of UAV aircraft. Operations and training missions will not be supported.
ADDITIONAL: This project meets the criteria/scope specified in Air National Guard Handbook 32-1084, "Facility Requirements". There is minimal threat and the level of protection is low so minimum construction standards have been applied. All known alternatives/options were considered during the development of this project. No other option could meet the mission requirements; therefore, no economic analysis was needed or performed. Project will incorporate Leadership in Energy and Environmental Design (LEED) and sustainable development concepts, so as to achieve optimum resource efficiency, constructability, sustainability, and energy conservation, while minimizing adverse impacts to the built and natural environments through all phases of its life cycle. This may result in primary facility costs exceeding DoD costing standards, but the initial investment in higher acquisition cost will be rewarded with lower life cycle costs. This is consistent with the requirements of the Energy Policy Act of 2005 (EPAct05), 10 USC 2805 (c), and Executive Order 13423 and the Energy Security and Independence Act of 2007.

1. COMPONENT	FY 2011 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		Februrary 2010

3. INSTALLATION AND LOCATION

FORT DRUM MILITARY RESERVATION, NEW YORK

5. PROJECT TITLE	7. PROJECT NUMBER
TFI - REAPER INFRASTRUCTURE SUPPORT	FPBB109013

12. SUPPLEMENTAL DATA:

a. Estimated Design Data:

(1) Status:	
(a) Date Design Started	JUL 2008
(b) Parametric Cost Estimates used to develop costs	No
(c) Percent Complete as of Jan 2010	35%
* (d) Date 35% Designed	JAN 2010
(e) Date Design Complete	SEP 2010
(f) Type of Design Contract	
(g) 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 -	N/A
(3) Total Cost (c) = (a) + (b) or (d) + (e):	($000)
(a) Production of Plans and Specifications	150
(b) All Other Design Costs	75
(c) Total	225
(d) Contract	225
(e) In-House	
(4) Contract Award (Month/Year)	FEB 2011
(5) Construction Start	MAR 2011
(6) Construction Completion	MAR 2012

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

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

POINT OF CONTACT: Mark H. Bailey
(301) 836-7042

1. COMPONENT	FY 2011 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		February 2010

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
STEWART INTERNATIONAL AIRPORT, NEW YORK	BASE DEFENSE GROUP BEDDOWN

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST($000)
52625F	730-835	WHAY089079	$14,250

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
BASE DEFENSE GROUP (BDG) BEDDOWN	SM	5,382		11,937
ADD TO EXISTING BLDG 106 FOR BDG	SM	3,159	2,799	(8,842)
ALTER EXISTING BLDG 106 FOR BDG	SM	1,368	1,130	(1,546)
CONVERT FIRE STATION FOR AERIAL PORT	SM	855	1,238	(1,058)
ANTITERRORISM FORCE PROTECTION	SM	5,382	22	(118)
SDD&EPACT(3% FOR LEED CERT/ENERGY CONSERV)	LS			(373)
SUPPORTING FACILITIES	LS			866
UTILITIES	LS			(250)
PAVEMENTS	LS			(300)
SITE IMPROVEMENTS	LS			(126)
COMMUNICATION SUPPORT	LS			(90)
STANDBY POWER	LS			(100)
SUBTOTAL				12,803
CONTINGENCY (5%)				640
TOTAL CONTRACT COST				13,443
SUPERVISION, INSPECTION AND OVERHEAD (6%)				807
TOTAL REQUEST				14,250

10. Description of Proposed Construction: Addition: Reinforced concrete foundation and floor slab with steel framed masonry walls and roof structure. Interior walls and utilities. Exterior to match building and base architectural style. Alteration: Rearrange and extend interior walls and utilities including HVAC. Relocate the central security control into the new addition. Provide standby power for the security forces central control center. Upgrade fire protection systems. Exterior work includes: extend pavements, utilities, fire protection, communications and miscellaneous support.
Air Conditioning: 350 KW.

11. REQUIREMENT: 5,382 SM ADEQUATE: 0 SM SUBSTANDARD: 2,223 SM
PROJECT: Base Defense Group (BDG) Beddown (New Mission)
REQUIREMENT: The base requires adequately sized and configured space to beddown a Security Forces Base Defense Group and consolidate the existing base security forces space requirements in one location in support of a 290 person squadron. The mission of the Base Defense Group is to train and deploy to an area of operation and support the mission by providing ramp, perimeter and other security measures. It may also involve providing security for convoys and other patrols. This ANG Base Defense Group is associated with the 820th Active Duty Squadron at Moody AFB, GA.
CURRENT SITUATION: A base site survey conducted in August 2008 indicated Stewart ANG Base is properly located for the training and operational requirements of this mission. For training purposes, BDG personnel will utilize existing small arms ranges at nearby West Point, NY (United States Military Academy) and Camp Smith Army National Guard Base. Stewart ANG Base does not have space for the storage and training classrooms for this new mission. The base security forces squadron is already short of space. They have only 425 SM of their authorized 13,000 SM. This small area only allows central security control, arms vault and minimal classrooms to train existing Air National Guard security forces members. As part of the base manpower reset, the aerial port manpower was reduced. The 1,368 SM facility (bldg 106) is oversized for aerial port function and that space can be better reused and upgraded for the new BDG mission. In addition, the construction completion of the FY06

1. COMPONENT	FY 2011 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		February 2010

3. INSTALLATION AND LOCATION

STEWART INTERNATIONAL AIRPORT, NEW YORK

5. PROJECT TITLE	7. PROJECT NUMBER
BASE DEFENSE GROUP BEDDOWN	WHAY089079

MILCON Fire Station allows reuse of the former fire station. This 855 SM building can be upgraded and converted to meet the reduced aerial port requirements. Consequently, the available building 106, the former aerial port, can be expanded to consolidate the BDG and the base security forces space requirements into an homogeneous security forces center for training and day-to-day operations, and will allow the consolidation of the security forces function in one location.

IMPACT IF NOT PROVIDED: The Base Defense Group cannot become operational, because they lack adequate facilities to train people and store equipment. The security forces consolidation cannot happen. The space in the aerial port and former fire station facilities remain underutilized and inefficient for current needs. Equipment will have to be stored outdoors and be subject to deterioration by the elements and may not be available when needed for training and operational deployment.

ADDITIONAL: This project meets the criteria/scope specified in Air National Guard Handbook 32-1084, "Facility Requirements" and is in compliance with the base master plan. Antiterrorism/Force Protection requirements have been considered in the development of this project. This facility can be used by other components on an "as available" basis; however, the scope of the project is based on Air National Guard requirements. An economic analysis has been prepared comparing the alternatives of new construction, revitalization, leasing and status quo operation. Based on the net present values and benefits of the respective alternatives, new construction was found to be the most cost efficient over the life of the project. Project will incorporate Leadership in Energy and Environmental Design (LEED) and sustainable development concepts, so as to achieve optimum resource efficiency, constructability, sustainability, and energy conservation, while minimizing adverse impacts to the built and natural environments through all phases of its life cycle. This may result in primary facility costs exceeding DoD costing standards, but the initial investment in higher acquisition cost will be rewarded with lower life cycle costs. This is consistent with the requirements of the Energy Policy Act of 2005 (EPAct05), 10 USC 2805 (c), Executive Order 13423, and other applicable laws and Executive Orders.

ADD TO EXISTING BLDG 106 FOR BDG	3,159 SM = 34,000 SF
ALTER EXISTING BLDG 106 FOR BDG	1,368 SM = 14,730 SF
CONVERT FIRE STATION FOR AERIAL PORT	855 SM = 9,200 SF

1. COMPONENT	FY 2011 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		February 2010

3. INSTALLATION AND LOCATION

STEWART INTERNATIONAL AIRPORT, NEW YORK

5. PROJECT TITLE	7. PROJECT NUMBER
BASE DEFENSE GROUP BEDDOWN	WHAY089079

12. SUPPLEMENTAL DATA:

a. Estimated Design Data:

(1) Status:	
(a) Date Design Started	AUG 2009
(b) Parametric Cost Estimates used to develop costs	YES
(c) Percent Complete as of Jan 2010	35%
* (d) Date 35% Designed	JAN 2010
(e) Date Design Complete	MAR 2011
(f) Type of Design Contract	
(g) 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	855
(b) All Other Design Costs	427
(c) Total	1,282
(d) Contract	1,282
(e) In-House	
(4) Contract Award (Month/Year)	JUN 2011
(5) Construction Start	JUL 2011
(6) Construction Completion	JAN 2013

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

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

POINT OF CONTACT: Mark H. Bailey
(301) 836-7042

1. COMPONENT	FY 2011 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		February 2010

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
STANLY COUNTY AIRPORT, NORTH CAROLINA	UPGRADE ASOS FACILITIES

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST($000)
52671F	141-753	WEFM089029	$2,000

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
UPGRADE ASOS FACILITIES	SM	1,022		1,554
ADD TO BUILDING 1	SM	325	2,153	(700)
ALTER BUILDING 1	SM	186	861	(160)
CONSTRUCT VEHICLE STORAGE SHED	SM	697	915	(638)
ANTITERRORISM FORCE PROTECTION	SM	511	22	(11)
SDD&EPACT (3%FOR LEED CERT/ENERGY CONSERV)	LS			(45)
SUPPORTING FACILITIES				230
UTILITIES	LS			(40)
PAVEMENTS	LS			(45)
SITE IMPROVEMENTS	LS			(20)
COMMUNICATIONS SUPPORT	LS			(25)
FIRE PROTECTION SUPPORT	LS			(100)
SUBTOTAL				1,784
CONTINGENCY (5%)				89
TOTAL CONTRACT COST				1,873
SUPERVISION, INSPECTION AND OVERHEAD (6%)				112
TOTAL REQUEST				1,985
TOTAL REQUEST (ROUNDED)				2,000

10. Description of Proposed Construction: Building Upgrades: Remove/reconfigure partition walls. New walls to be gypsum board on metal studs. Replace interior finishes. Upgrade HVAC systems and add DDC controls. Expand communications infrastructure to meet mission requirements. New construction shall be concrete footing/foundation with pre-engineered metal frame structure and insulated metal wall panels. Metal building roof. Interior and exterior lighting to meet operational security needs and energy conservation measures.
Air Conditioning: 175 KW.

11. REQUIREMENT: 3,498 SM ADEQUATE: 1,802 SM SUBSTANDARD: 1,347 SM
PROJECT: Upgrade ASOS Facilities (New Mission)
REQUIREMENT: Adequate facilities are required for command, administration, storage, training, mission planning, personal equipment storage and maintenance in order to prepare and execute the Air Support Operations Squadron mission. Sufficient command and administration space is required to support 72 tactical air controllers (TACP) and air liaison officers (ALO). Space is required to store and maintain individual field equipment for TACP and ALO personnel. Shop space is required to maintain 24 HMMW vehicles. Sufficient supply storage space is required to store, manage and issue individual equipment and mobility gear. Training space is needed for personnel upgrade training. Briefing and mission planning space is necessary in order to prepare flights and teams for mission execution. Conference space is required for mass flight briefings and administration of unit. Sufficient physical fitness training area is necessary to maintain personnel mission readiness.
CURRENT SITUATION: Building 1 was originally designed to accommodate other missions and is not conducive to the administration and training required by an ASOS unit. Secure rooms, rest rooms, and administrative areas are undersized for UTA personnel load, impacting daily and UTA effectiveness. The HVAC system is 15 years old and requires updating for efficiency, balance and controls. The interior components throughout the facility are extremely worn and deteriorated. The poor conditions adversely affects the training environment. The facility has only two showers which

are not adequate to support the physical training requirements of this unit and severely impacts the training schedule. An addition will be added to meet the short fall currently experienced by the 118th ASOS. The facility has adequate area to meet the remainder of the 118th requirements but the floor plan will need to be altered to meet their functional requirements. Additionally the wall, floor and ceiling finishes have deteriorated over time and need to be replaced. The lack of an adequate fitness center is seriously impacting the physical training of all units at the GSU but particularly that of the 118th ASOS and their ability to perform their highly-physical wartime mission. Currently, a few pieces of exercise equipment are located in the 118th warehouse (building 2). Lack of sufficient space and lack of adequate ventilation cause this to be a substandard fitness center. Part of the renovation will include a fitness area serving the whole site.

IMPACT IF NOT PROVIDED: Wartime training and mission planning for ASOS continues to be impacted. Leaving the ASOS in Bldg 1 without functionally changing the layout will not solve the space problem, and continues readiness degradation, impacting long-term unit readiness and personnel availability. Passing the opportunity to upgrade the facility between users (235th ATCS and 118th ASOS) will require additional logistics and costs in the long term. Examples include further deterioration, requiring more costly work and temporary facilities to upgrade an occupied facility.

ADDITIONAL: This project meets the criteria/scope specified in Air National Guard Handbook 32-1084, "Facility Requirements" and is in compliance with the base master plan. Antiterrorism/Force Protection requirements have been considered in the development of this project. This facility can be used by other components on an "as available" basis; however, the scope of the project is based on Air National Guard requirements. Project will incorporate Leadership in Energy and Environmental Design (LEED) and sustainable development concepts, so as to achieve optimum resource efficiency, constructability, sustainability, and energy conservation, while minimizing adverse impacts to the built and natural environments through all phases of its life cycle. This may result in primary facility costs exceeding DoD costing standards, but the initial investment in higher acquisition cost will be rewarded with lower life cycle costs. This is consistent with the requirements of the Energy Policy Act of 2005 (EPAct05), 10 USC 2805 (c), Executive Order 13423, and other applicable laws and Executive Orders. An economic analysis is being prepared comparing the alternatives of new construction, revitalization, leasing and status quo operation. Based on intitial engineering estimates, this alternative appears to have the highest net present value while requiring the least mission impact for the unit.

ADD TO BUILDING 1	325 SM = 3,500 SF
CONSTRUCT VEHICLE STORAGE SHED	697 SM = 7,500 SF

1. COMPONENT	FY 2011 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		February 2010

3. INSTALLATION AND LOCATION

STANLY COUNTY AIRPORT, NORTH CAROLINA

5. PROJECT TITLE	7. PROJECT NUMBER
UPGRADE ASOS FACILITIES	WEFM089029

12. SUPPLEMENTAL DATA:

a. Estimated Design Data:

(1) Status:	
(a) Date Design Started	OCT 2008
(b) Parametric Cost Estimates used to develop costs	No
(c) Percent Complete as of Jan 2010	35%
* (d) Date 35% Designed	JAN 2010
(e) Date Design Complete	SEP 2010
(f) Type of Design Contract	
(g) 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 -	N/A
(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	180
(e) In-House	
(4) Contract Award (Month/Year)	FEB 2011
(5) Construction Start	MAR 2011
(6) Construction Completion	DEC 2011

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

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

POINT OF CONTACT: Harry W. Washington
(301) 836-8767

1. COMPONENT	FY 2011 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		February 2010

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
STATE COLLEGE ANG STATION, PENNSYLVANIA	ADD TO AND ALTER AOS FACILITY

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST($000)
52276F	141-454	WFGE089076	$4,100

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
ADD TO AND ALTER AOS FACILITY	SM	976		3,043
ADD TO AOS AREA	SM	790	3,337	(2,636)
ALTER AOS AREA	SM	186	1,615	(300)
ANTITERRORISM/FORCE PROTECTION	SM	976	22	(21)
SDD&EPACT(3% FOR LEED CERT/ENERGY CONSERV)	LS			(86)
SUPPORTING FACILITIES	LS			645
UTILITIES	LS			(215)
PAVEMENTS	LS			(215)
SITE IMPROVEMENTS	LS			(125)
COMMUNICATIONS SUPPORT	LS			(90)
SUBTOTAL				3,688
CONTINGENCY (5%)				184
TOTAL CONTRACT COST				3,872
SUPERVISION, INSPECTION AND OVERHEAD (6%)				232
TOTAL REQUEST				4,104
TOTAL REQUEST (ROUNDED)				4,100

10. Description of Proposed Construction: Construct two story addition: reinforced concrete foundation and floor slab with steel framed masonsry walls and roof structure. Interior walls, utilities and raised flooring system. This facility requires certification as a Sensitive Compartmented Information Facility (SCIF) and must be constructed to accommodate SCIF criteria. Building exterior to match existing architectural style on the installation. Exterior work: utilities, pavements, site improments and communications support.
Air Conditioning: 350 KW.

11. REQUIREMENT: 2,926 SM ADEQUATE: 1,858 SM SUBSTANDARD: 186 SM
PROJECT: Add to and Alter AOS Facility (Current Mission).
REQUIREMENT: The station requires a properly sized, adequately configured facility for the 112 Air Operations Squadron (AOS). The area is to be compatible with the existing facility. Functional elements include: command support element, the AOS, the Air Intellignece Squadron, the Air Communication Squadron and dedicated classified work space.
CURRENT SITUATION: The existing AOS facility is undersized by 20% for the assigned mission and personnel. There is insufficient work space in the classified work area and the conference and training rooms. The existing facility was funded by the Army National Guard (ARNG) in FY07 based on the mission, manning and space authorization at that time. In the early part of 2004, the Air Force, on behalf of the Air National Guard (ANG), initiated a land exchange with the Army on behalf of the ARNG. At that time, the unit manning and facility requirements were based on the existing unit mission of air traffic control squadron. The net result of the land exchange was that the ANG would transfer existing excess facility space to the ARNG, and the ARNG would finance the contruction of a new ANG facility based on the 2004 manning and space authorizations. The ARNG funded the project in 2007 and the construction was completed in early 2009. Since 2004, when the land exchange was inititated, the mission of the unit changed from Air Traffic Control Squadron to AOS and the number of personnel were increased from 110 to 135. This has resulted in a shortage of space to be addressed by

1. COMPONENT	FY 2011 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		February 2010
3. INSTALLATION AND LOCATION STATE COLLEGE ANG STATION, PENNSYLVANIA		
5. PROJECT TITLE ADD TO AND ALTER AOS FACILITY		7. PROJECT NUMBER WFGE089076

this project. It will construct an addition to the existing facility and do some minor interior reconfiguration to make the total facility functionally compatible and sufficient for mission capability.
IMPACT IF NOT PROVIDED: The unit will be unable to reach full operational capability for the assigned mission. Inadequate classified work space may result in a security incidents. Inadequate training rooms are having a negative impact on the unit's training capability. Storage of classified equipment is adversely affecting unit capabilities.
ADDITIONAL: This project meets the criteria/scope specified in Air National Guard Handbook 32-1084, "Facility Requirements" and is in compliance with the base master plan. Antiterrorism/Force Protection requirements have been considered in the development of this project. Mission requirements, operational considerations and location are incompatible with use by other components. Project will incorporate Leadership in Energy and Environmental Design (LEED) and sustainable development concepts, so as to achieve optimum resource efficiency, constructability, sustainability, and energy conservation, while minimizing adverse impacts to the built and natural environments through all phases of its life cycle. This may result in primary facility costs exceeding DoD costing standards, but the initial investment in higher acquisition cost will be rewarded with lower life cycle costs. This is consistent with the requirements of the Energy Policy Act of 2005 (EPAct05), 10 USC 2805 (c), and Executive Order 13423. All known alternatives/options were considered during the development of this projec. No other option could meet the requirements; therefore, no economic alaysis was needed or performed.

ADD TO AOS AREA	790 SM = 8,500 SF
ALTER AOS AREA	186 SM = 2,000 SF

1. COMPONENT	FY 2011 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		February 2010

3. INSTALLATION AND LOCATION

STATE COLLEGE ANG STATION, PENNSYLVANIA

5. PROJECT TITLE	7. PROJECT NUMBER
ADD TO AND ALTER AOS FACILITY	WFGE089076

12. SUPPLEMENTAL DATA:

a. Estimated Design Data:

(1) Status:	
(a) Date Design Started	JAN 2010
(b) Parametric Cost Estimates used to develop costs	YES
(c) Percent Complete as of Jan 2010	35%
* (d) Date 35% Designed	JAN 2010
(e) Date Design Complete	JAN 2011
(f) Type of Design Contract	
(g) 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	246
(b) All Other Design Costs	123
(c) Total	369
(d) Contract	369
(e) In-House	
(4) Contract Award (Month/Year)	FEB 2011
(5) Construction Start	MAR 2011
(6) Construction Completion	MAR 2012

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

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

POINT OF CONTACT: Mark Mittle
(301) 836-8712

1. COMPONENT	FY 2011 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		February 2010

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
NASHVILLE INTERNATIONAL AIRPORT, TENNESSEE	TFI- RENOVATE INTEL SQUADRON FACILITIES

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST($000)
53117F	141-753	BKTZ069078	$5,500

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
TFI- RENOVATE INTEL SQUADRON FACILITY	SM	4,023		4,523
RELOCATE SQUADRON OPS AREA	SM	2,165	1,184	(2,563)
CONVERT SQUADRON OPS FOR INTEL OPERATIONS	SM	1,301	1,023	(1,331)
CONVERT SQUADRON OPS FOR ADMIN AND SUPPORT	SM	557	700	(390)
ANTITERRORISM FORCE PROTECTION	SM	4,023	22	(89)
SDD&EPACT (3%FOR LEED CERT/ENERGY CONSERV)	LS			(150)
SUPPORTING FACILITIES				419
UTILITIES	LS			(55)
PAVEMENTS	LS			(25)
SITE IMPROVEMENTS	LS			(25)
COMMUNICATION SUPPORT	LS			(110)
STANDBY POWER	LS			(86)
AT/FP SITE IMPROVEMENTS	LS			(88)
SECURITY MEASURES	LS			(30)
SUBTOTAL				4,942
CONTINGENCY (5%)				247
TOTAL CONTRACT COST				5,189
SUPERVISION, INSPECTION AND OVERHEAD (6%)				311
TOTAL REQUEST				5,500

10. Description of Proposed Construction: Renovation of two separate building interiors. Building 747, Squadron Operations, requires interior spaces to be reconfigured to accommodate security requirements for Intelligence Training functional areas. Work includes reconfiguration of interior walls, drop ceilings, HVAC, fire sprinklers, electrical and communications devices with support of an open plan furniture arrangement; upgrade architectural features and finishes. Support areas to be configured for basic administrative functions. Other enhancements include security alarms, specialty communication support, code compliance improvements, and emergency backup power. In building 721: renovations include the reconfiguration and reconstruction of interior spaces to accommodate Squadron Operations functional areas displaced by Intelligence Training functions moving into building 747. This includes primary and secondary electrical systems and lighting, plumbing, communications, fire detection, and HVAC systems. Washroom renovations will require reworking the building plumbing systems. Some features of the building envelope will be improved such as windows, window frames, and roof repairs. Exterior work includes: AT/FP site improvements, and miscellaneous utility support to meet the codes.
Air Conditioning: 350 KW.

11. REQUIREMENT: 4,023 SM ADEQUATE: 0 SM SUBSTANDARD: 4,023 SM
PROJECT: TFI-Renovate Intelligence Squadron Facility (New Mission)
REQUIREMENT: The 118th AW requires properly sized and configured space to conduct Training and Intelligence Operations. Functional areas include: Specially Compartmentalized Information Functions (SCIF) area including open plan areas with briefing rooms and offices. The Intelligence Squadron provides Combat Air Forces tailored imagery and target intelligence. This unit will be a reach-back capability for the deployed Air Operations Center and meet other training requirements.

1. COMPONENT	FY 2011 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		February 2010
3. INSTALLATION AND LOCATION NASHVILLE INTERNATIONAL AIRPORT, TENNESSEE		
5. PROJECT TITLE TFI- RENOVATE INTEL SQUADRON FACILITIES		7. PROJECT NUMBER BKTZ069078

CURRENT SITUATION: The 118th AW is converting to a C-130 Formal Training Unit (FTU) and Foreign Military Training (FMT). Originally planned for demolition, building 721 is being retained in the inventory and is being used as the instructional space for the FTU; co-locating the C-130 squadron operations areas with the C-130 FTU makes operational sense. The FTU will only utilize about 60% of the Hangar's 60,000 SF. This proposal makes use of the space by relocating the current C-130 squadron operations area to building 721; resulting in operational efficiencies for the flying mission, and in a single location for flying instruction operations. This opens building 747, the existing squadron operations area, for use by the Intel Squadron; for which it is ideally configured because of its location and building layout. By having a separate building for the Intel squadron, the security is enhanced. The C-130 FTU and FMT will train foreign aircrews; therefore it should not be collocated within the same building as the Intel mission.

IMPACT IF NOT PROVIDED: The Intel Squadron cannot become operational. High cost in communications requirements and special infrastructure make it prudent to install this unit in a properly located and properly configured facility. In addition, operational improvements provided by moving Squadron Operations to building 721 will be negated.

ADDITIONAL: This project meets the criteria/scope specified in Air National Guard Handbook 32-1084, "Facility Requirements" and is in compliance with the base master plan. Antiterrorism/Force Protection requirements have been considered in the development of this project. Mission requirements, operational considerations and location are incompatible with use by other components. An economic analysis is being prepared comparing the alternatives of new construction, revitalization, leasing and status quo operation. Based on the net present values and benefits of the respective alternatives, revovation is expected to be the most cost efficient over the life of the project. Project will incorporate Leadership in Energy and Environmental Design (LEED) and sustainable development concepts, so as to achieve optimum resource efficiency, constructability, sustainability, and energy conservation, while minimizing adverse impacts to the built and natural environments through all phases of its life cycle. This may result in primary facility costs exceeding DoD costing standards, but the initial investment in higher acquisition cost will be rewarded with lower life cycle costs. This is consistent with the requirements of the Energy Policy Act of 2005 (EPAct05), 10 USC 2805 (c), Executive Order 13423, and other applicable laws and Executive Orders.

RELOCATE SQUADRON OPS AREA	2,165 SM = 23,300 SF
CONVERT SQUADRON OPS FOR INTEL OPERATIONS	1,301 SM = 14,000 SF
CONVERT SQUADRON OPS FOR ADMIN AND SUPPORT	557 SM = 6,000 SF

1. COMPONENT	FY 2011 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		Februaray 2010

3. INSTALLATION AND LOCATION

NASHVILLE INTERNATIONAL AIRPORT, TENNESSEE

5. PROJECT TITLE	7. PROJECT NUMBER
TFI- RENOVATE INTEL SQUADRON FACILITIES	BKTZ069078

12. SUPPLEMENTAL DATA:

a. Estimated Design Data:

(1) Status:	
(a) Date Design Started	JUL 2008
(b) Parametric Cost Estimates used to develop costs	NO
(c) Percent Complete as of Jan 2010	35%
* (d) Date 35% Designed	MAR 2009
(e) Date Design Complete	SEP 2010
(f) Type of Design Contract	
(g) 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 -	N/A
(3) Total Cost (c) = (a) + (b) or (d) + (e):	($000)
(a) Production of Plans and Specifications	330
(b) All Other Design Costs	165
(c) Total	495
(d) Contract	495
(e) In-House	
(4) Contract Award (Month/Year)	FEB 2011
(5) Construction Start	MAR 2011
(6) Construction Completion	MAR 2012

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

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

POINT OF CONTACT: Harry W. Washington
(301) 836-8767

DEPARTMENT OF THE AIR FORCE
JUSTIFICATION OF ESTIMATES FOR FISCAL YEAR 2011

APPROPRIATION: MILITARY CONSTRUCTION -- AIR NATIONAL GUARD

PROGRAM 313: PLANNING AND DESIGN $9,214,000

PART I -- PURPOSE AND SCOPE

The funds estimated in this program are to provide financing for project planning and design of the construction requirements for the Air National Guard

PART II -- JUSTIFICATION OF FUNDS REQUESTED

The funds required for Planning and Design will provide for establishing project construction design of the facilities and for fully evaluating each designed project in terms of technical adequacy and estimated costs.

1. COMPONENT	FY 2011 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		February 2010

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
VARIOUS LOCATIONS	PLANNING AND DESIGN

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST($000)
52276F	999-999	AAAA110001	$9,214

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
PLANNING AND DESIGN (P-313)	LS			9,214
SUBTOTAL				9,214
TOTAL CONTRACT COST				9,214
TOTAL REQUEST				9,214

10. Description of Proposed Construction: The funds requested will provide for the architectural and engineering services necessary to fully evaluate each project's technical adequacy and estimated cost, and complete final design of facilities. In addition, the funds are required to prepare working drawings, specifications, and project reports for the design of construction projects to be included in future Air National Guard (ANG) Military Construction (MILCON) Programs.

11. REQUIREMENT: As Required

PROJECT: Planning and Design

REQUIREMENT: The ANG needs planning and design funds for projects that are to be included in future MILCON programs. The FY 2011 design funds are needed to complete the design for those projects that are to be included in the FY 2011 MILCON program and to begin the design for those projects to be included in the FY 2012 program. Funds also provide for design of the FY 2011 unspecified minor construction program.

CURRENT SITUATION: The ANG requires the design money in FY 2011 to ensure the design milestones for the FY 2011 and FY 2012 MILCON Programs, as mandated by Department of Defense (DOD) Instruction 1225.8, are met.

IMPACT IF NOT PROVIDED: The ANG will not be able to effectively administer future year MILCON programs. Insufficient design funds will translate into late design completion, later construction starts, higher construction costs, and the inability to meet DOD and Congressionally mandated execution rates, and degrade the operational mission and training by the delays in construction completion.

DEPARTMENT OF THE AIR FORCE
JUSTIFICATION OF ESTIMATES FOR FISCAL YEAR 2011

APPROPRIATION: MILITARY CONSTRUCTION -- AIR NATIONAL GUARD

PROGRAM 341: UNSPECIFIED MINOR CONSTRUCTION $8,000,000

PART I -- PURPOSE AND SCOPE

The funds estimated in this program are to provide financing for new construction and alteration projects having cost estimates over $750,000 but not exceeding $2,000,000, which are not otherwise authorized by law.

PART II -- JUSTIFICATION OF FUNDS REQUESTED

The funds required for Unspecified Minor Construction will finance projects for which the urgency is such that they could not be included in the regular Military Construction Program for the Air National Guard, and such that they exceed the minor construction authorization limit in the Operation and Maintenance Appropriation.

1. COMPONENT	FY 2011 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		February 2010

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
VARIOUS LOCATIONS	UNSPECIFIED MINOR CONSTRUCTION

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST($000)
52276F	999-999	AAAA110002	$8,000

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
UNSPECIFIED MINOR CONSTRUCTION (P-341)	LS			8,000
SUBTOTAL				8,000
TOTAL CONTRACT COST				8,000
TOTAL REQUEST				8,000

10. Description of Proposed Construction: Provides funding for unspecified minor construction projects not otherwise authorized by law and having a funded cost between $750,000 and $2,000,000. Projects include construction, alteration, or conversion of permanent or temporary facilities. The Secretary of the Air Force has the authority to approve projects of this nature under the provisions of 10 U. S. Code, 18233a and 10 U. S. Code, 2805(c).

11. REQUIREMENT: As Required

PROJECT: Unspecified Minor Construction Program

REQUIREMENT: This program provides the means of accomplishing urgent, unforeseen projects costing over $750,000, but not exceeding $2,000,000. The project requirements are anticipated to arise during late FY 2010 or FY 2011, and would be needed to satisfy critical, urgent mission beddowns and weapon system conversions, or to meet serious and urgent health, safety, and environmental requirements. The late identification of these requirements prevents their inclusion in the FY 2011 MILCON program and the projects cannot wait for the FY 2012 program. The requested funds are not a percent of the budget, but are based on historical trends. Routine and non-urgent projects are not funded from this account.

CURRENT SITUATION: As in the recent past, it is expected that the Air Force will continue to transfer missions and force structure into the ANG. These aircraft conversions and beddowns generate facility requirements that are often late-to-need using normal MILCON programming avenues. The urgency of the required projects is driven by the arrival of new aircraft and equipment, or the need to eliminate immediate health, safety or environmental requirements or personnel growth.

IMPACT IF NOT PROVIDED: Unable to adequately support mission conversions and beddowns. More expensive workarounds will have to be used. Formal reprogramming is the only other option available; however, funds may not be available for these reprogrammings.

DEPARTMENT OF THE AIR FORCE
AIR NATIONAL GUARD
MILITARY CONSTRUCTION PROGRAM FOR FISCAL YEAR 2011

SECTION III

INSTALLATION DATA

1. COMPONENT ANG	FY 2011 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE February 2010
3. INSTALLATION AND LOCATION MONTGOMERY REGIONAL AIRPORT (ANG) BASE, MONTGOMERY, ALABAMA		4. AREA CONSTR COST INDEX .81

5. FREQUENCY AND TYPE OF UTILIZATION

Twelve monthly assemblies per year, 15 days annual field training per year, daily use by technician/AGR force for training.

6. OTHER ACTIVE/GUARD/RESERVE INSTALLATIONS WITHIN 15 MILES RADIUS

One Active AFB - 5 miles, one Marine Reserve - 12 miles, three Army Reserves - 10 - 15 miles, five Army National Guard Units - 2-12 miles and two Air National Guard Units - 5 miles.

7. PROJECTS REQUESTED IN THIS PROGRAM: FY 2011

CATEGORY CODE	PROJECT TITLE	SCOPE	COST $(000)	DESIGN STATUS START	DESIGN STATUS CMPL
211-179	Fuel Cell and Corrosion Control Hangar	1,821 SM (19,600 SF)	7,800	Mar 06	May 10

8. STATE RESERVE FORCES FACILITIES BOARD RECOMMENDATION

Facilities identified in item 6 have been examined by the State Reserve Forces Facilities Board for possible joint use/expansion. The Board recommendations are: Unilateral Construction Approved 10 Jun 09 (Date)

9. LAND ACQUISITION REQUIRED None (Number of Acres)

10. PROJECTS PLANNED IN NEXT FOUR YEARS

CATEGORY CODE	PROJECT TITLE	SCOPE	COST $(000)
141-753	TFI - Replace Squadron Operations Facility	2,769 SM (29,800 SF)	7,500
	R&M Unfunded Requirement: $5,310,000		

1. COMPONENT	FY 2011 GUARD AND RESERVE	2. DATE
ANG	MILITARY CONSTRUCTION	February 2010

3. INSTALLATION AND LOCATION

MONTGOMERY REGIONAL AIRPORT (ANG) BASE, MONTGOMERY, ALABAMA

11. PERSONNEL STRENGTH AS OF 01 Jun 09

	PERMANENT				GUARD/RESERVE		
	TOTAL	OFFICER	ENLISTED	CIVILIAN	TOTAL	OFFICER	ENLISTED
AUTHORIZED	291	35	256	0	828	101	727
ACTUAL	292	32	260	0	979	103	876

12. RESERVE UNIT DATA

	STRENGTH	
UNIT DESIGNATION	AUTHORIZED	ACTUAL
187 Aircraft Maintenance Squadron	161	172
178 Civil Engineering Squadron	93	85
187 Communication Flight	34	30
187 Fighter Wing	40	53
187 Logistics Readiness Squadron	77	92
187 Maintenance Operations Flight	7	26
187 Maintenance Group	9	17
187 Medical Squadron	45	45
187 Mission Support Flight	20	20
187 Aircraft Generation Squadron	140	152
187 Security Forces Squadron	74	67
187 Mission Support Group	8	9
187 Student Flight	22	119
187 Services Squadron	22	19
187 Operations Support Flight	24	23
187 Operations Group	9	10
100 Fighter Squadron	43	40
TOTALS	828	979

13. MAJOR EQUIPMENT AND AIRCRAFT

TYPE	AUTHORIZED	ASSIGNED
Vehicle	78	77
F-16 Aircraft	18	20
Support Equipment	210	199
Vehicle Equivalents	230	220

14 OUTSTANDING POLLUTION AND SAFETY(OSHA) DEFICIENCIES FY 2011

CATEGORY			CST	DESIGN STATUS	
CODE	PROJECT TITLE	SCOPE	$(000)	START	CMPL

NONE

1. COMPONENT ANG	FY 2011 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE February 2010
3. INSTALLATION AND LOCATION DAVIS MONTHAN AFB, TUCSON, ARIZONA		4. AREA CONSTR COST INDEX .99

5. FREQUENCY AND TYPE OF UTILIZATION

Facility is occupied by deployed northern tier ANG flying units eight months out of twelve. Active Duty AF, USN, and USMC, and Foreign National units occupy remaining four months. Facility supports aircraft sortie generation for air-to-air, air-to-ground, combat search and rescue, dissimilar air combat training, night vision goggle work, syllabus support, weather recon, and live ordnance delivery. Unmanned Aerial Vehicle (UAV) ground control operations on a fulltime basis.

6. OTHER ACTIVE/GUARD/RESERVE INSTALLATIONS WITHIN 15 MILES RADIUS

One AF Base, one Naval Reserve Unit, one Army Reserve Unit, one Army National Guard Unit and one Air National Guard Unit.

7. PROJECTS REQUESTED IN THIS PROGRAM: FY 2011

CATEGORY CODE	PROJECT TITLE	SCOPE	COST $(000)	DESIGN STATUS START	DESIGN STATUS CMPL
141-753	TFI- Predator FOC - Active Associate	882 SM (9,500 SF)	4,900	Jun 08	Sep 10

8. STATE RESERVE FORCES FACILITIES BOARD RECOMMENDATION

Facilities identified in item 6 have been examined by the State Reserve Forces Facilities Board for possible joint use/expansion. The Board recommendations are: Unilateral Construction Approved 23 Jan 08 (Date)

9. LAND ACQUISITION REQUIRED 3 (Number of Acres)

10. PROJECTS PLANNED IN NEXT FOUR YEARS

CATEGORY CODE	PROJECT TITLE	SCOPE	COST $(000)

R&M Unfunded Requirement: $800,000.00

1. COMPONENT	FY 2011 GUARD AND RESERVE	2. DATE
ANG	MILITARY CONSTRUCTION	February 2010

3. INSTALLATION AND LOCATION

DAVIS MONTHAN AFB, TUCSON, ARIZONA

11. PERSONNEL STRENGTH AS OF 01 Jul 08

	PERMANENT				GUARD/RESERVE		
	TOTAL	OFFICER	ENLISTED	CIVILIAN	TOTAL	OFFICER	ENLISTED
AUTHORIZED	0	0	0	0	133	40	93
ACTUAL	0	0	0	0	123	35	88

12. RESERVE UNIT DATA

UNIT DESIGNATION	STRENGTH AUTHORIZED	STRENGTH ACTUAL
162 OPR	18	15
162 PRDTOR	115	108
TOTALS	133	123

13. MAJOR EQUIPMENT AND AIRCRAFT

TYPE	AUTHORIZED	ASSIGNED

14 OUTSTANDING POLLUTION AND SAFETY(OSHA) DEFICIENCIES FY 2011

CATEGORY CODE	PROJECT TITLE	SCOPE	CST $(000)	DESIGN STATUS START	DESIGN STATUS CMPL
NONE					

1. COMPONENT ANG	FY 2011 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE February 2010
3. INSTALLATION AND LOCATION NEW CASTLE COUNTY AIRPORT, WILMINGTON, DELAWARE		4. AREA CONSTR COST INDEX 1.02

5. FREQUENCY AND TYPE OF UTILIZATION

Twelve monthly unit assemblies per year, 15 days annual field training per year, daily use by technician/AGR force and for training.

6. OTHER ACTIVE/GUARD/RESERVE INSTALLATIONS WITHIN 15 MILES RADIUS

1 Navy Reserve Building, Wilmington Area. 1 Army Reserve Building, Wilmington Area. 6 Army National Guard.

7. PROJECTS REQUESTED IN THIS PROGRAM: FY 2011

CATEGORY CODE	PROJECT TITLE	SCOPE	COST $(000)	DESIGN STATUS START	DESIGN STATUS CMPL
610-287	Joint Forces Operations Center - ANG Share	427 SM (4,600 SF)	1,500	Jul 08	Sep 10

8. STATE RESERVE FORCES FACILITIES BOARD RECOMMENDATION

Facilities identified in item 6 have been examined by the State Reserve Forces Facilities Board for possible joint use/expansion. The Board recommendations are: Unilateral Construction Approved 24 Jun 08 (Date)

9. LAND ACQUISITION REQUIRED None (Number of Acres)

10. PROJECTS PLANNED IN NEXT FOUR YEARS

CATEGORY CODE	PROJECT TITLE	SCOPE	COST $(000)
211-157	Replace C-130 Aircraft Maintenance Shops	3,485 SM (37,500 SF)	11,600
	R&M Unfunded Requirement: $2,265,000		

1. COMPONENT	FY 2011 GUARD AND RESERVE	2. DATE
ANG	MILITARY CONSTRUCTION	February 2010

3. INSTALLATION AND LOCATION

NEW CASTLE COUNTY AIRPORT, WILMINGTON, DELAWARE

11. PERSONNEL STRENGTH AS OF 06 Jul 09

	PERMANENT				GUARD/RESERVE		
	TOTAL	OFFICER	ENLISTED	CIVILIAN	TOTAL	OFFICER	ENLISTED
AUTHORIZED	269	47	222	0	1,098	279	819
ACTUAL	266	46	220	0	1,074	270	804

12. RESERVE UNIT DATA

	STRENGTH	
UNIT DESIGNATION	AUTHORIZED	ACTUAL
DE ANG	33	34
166 Airlift Wing	55	54
166 Medical Group	66	70
166 Maintenance Group	12	9
166 Maintenance Operations Flight	21	13
166 Maintenance Squadron	150	128
166 Aircraft Maintenance Squadron	57	42
166 Operations Group	8	8
166 Operations Support Flight	26	19
142 Airlift Squadron	122	121
142 Airlift Evacuation Squadron	86	96
166 Mission Support Group	8	10
166 Civil Engineering Squadron	116	113
166 Communication Flight	34	41
166 Logistics Readiness Squadron	122	156
166 Force Support Squadron	40	33
166 Security Forces Squadron	74	69
166 Network Warfare Squadron	46	32
166 Student Flight	22	26
TOTALS	1,098	1,074

13. MAJOR EQUIPMENT AND AIRCRAFT

TYPE	AUTHORIZED	ASSIGNED
Vehicles	89	87
C-130H Aircraft	8	8
Support Equipment	73	70
Vehicle Equivalents	250	264

14 OUTSTANDING POLLUTION AND SAFETY(OSHA) DEFICIENCIES FY 2011

CATEGORY CODE	PROJECT TITLE	SCOPE	CST $(000)	DESIGN STATUS START	CMPL
NONE					

1. COMPONENT ANG	FY 2011 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE February 2010
3. INSTALLATION AND LOCATION JACKSONVILLE IAP, JACKSONVILLE, FLORIDA		4. AREA CONSTR COST INDEX .91

5. FREQUENCY AND TYPE OF UTILIZATION

Four Unit Training Assemblies (UTA) per month, 15 annual field training days per year. Daily use of technician force.

6. OTHER ACTIVE/GUARD/RESERVE INSTALLATIONS WITHIN 15 MILES RADIUS

Three Army National Guard Armories, one US Marine Corps Unit, and three Army Installtions.

7. PROJECTS REQUESTED IN THIS PROGRAM: FY 2011

CATEGORY CODE	PROJECT TITLE	SCOPE	COST $(000)	DESIGN STATUS START	DESIGN STATUS CMPL
730-835	Security Forces Training Facility	1,815 SM (19,530 SF)	6,700	Jan 08	Jan 11

8. STATE RESERVE FORCES FACILITIES BOARD RECOMMENDATION

Facilities identified in item 6 have been examined by the State Reserve Forces Facilities Board for possible joint use/expansion. The Board recommendations are: Unilateral Construction Approved 29 Jan 09
(Date)

9. LAND ACQUISITION REQUIRED None
(Number of Acres)

10. PROJECTS PLANNED IN NEXT FOUR YEARS

CATEGORY CODE	PROJECT TITLE	SCOPE	COST $(000)

R&M Unfunded Requirement: $27,353,000

1. COMPONENT	FY 2011 GUARD AND RESERVE	2. DATE
ANG	MILITARY CONSTRUCTION	February 2010

3. INSTALLATION AND LOCATION

JACKSONVILLE IAP, JACKSONVILLE, FLORIDA

11. PERSONNEL STRENGTH AS OF 15 Jul 08

	PERMANENT				GUARD/RESERVE		
	TOTAL	OFFICER	ENLISTED	CIVILIAN	TOTAL	OFFICER	ENLISTED
AUTHORIZED	435	44	391	0	1,023	120	903
ACTUAL	446	42	404	0	1,004	85	919

12. RESERVE UNIT DATA

	STRENGTH	
UNIT DESIGNATION	AUTHORIZED	ACTUAL
125 Fighter Wing	53	63
125 Detachment 1	19	17
125 Mission Support Group	9	8
125 Mission Support Flight	21	21
125 Security Forces Squadron	86	79
125 Civil Engineering Squadron	49	63
125 Services Flight	22	24
125 Maintenance Group	21	17
125 MXSF	25	20
125 Logistics Readiness Squadron	76	83
125 Maintenance Squadron	229	209
125 AMS	178	147
125 Communication Flight	34	43
125 Medical Group	86	83
125 Operations Group	9	9
125 Student Flight	34	60
125 Operations Support Flight	32	29
159 Fighter Squadron	40	28
TOTALS	1,023	1,003

13. MAJOR EQUIPMENT AND AIRCRAFT

TYPE	AUTHORIZED	ASSIGNED
C-26 Aircraft	1	1
C-130	1	1
F-15 Aircraft	15	19
Support Equipment	107	106
Vehicle Equivalents	207	203

14 OUTSTANDING POLLUTION AND SAFETY(OSHA) DEFICIENCIES FY 2011

CATEGORY CODE	PROJECT TITLE	SCOPE	CST $(000)	DESIGN STATUS START	CMPL

NONE

1. COMPONENT ANG	FY 2011 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE February 2010
3. INSTALLATION AND LOCATION SAVANNAH/HILTON HEAD IAP, SAVANNAH, GEORGIA		4. AREA CONSTR COST INDEX .84

5. FREQUENCY AND TYPE OF UTILIZATION

One unit training assembly per month, 15 days annual field training per year, daily use by technician/AGR force and training. Potential for 365 days of visiting unit-training exercises.

6. OTHER ACTIVE/GUARD/RESERVE INSTALLATIONS WITHIN 15 MILES RADIUS

1 Active Army Installation. 1 Army Reserve Installation. 1 Marine Reserve Installation.

7. PROJECTS REQUESTED IN THIS PROGRAM: FY 2011

CATEGORY CODE	PROJECT TITLE	SCOPE	COST $(000)	DESIGN STATUS START	DESIGN STATUS CMPL
141-753	Relocate ASOS Facilities	3,252 SM (35,000 SF)	7,700	Oct 08	Sep 10

8. STATE RESERVE FORCES FACILITIES BOARD RECOMMENDATION

Facilities identified in item 6 have been examined by the State Reserve Forces Facilities Board for possible joint use/expansion. The Board recommendations are: Unilateral Construction Approved 19 Feb 09 (Date)

9. LAND ACQUISITION REQUIRED None (Number of Acres)

10. PROJECTS PLANNED IN NEXT FOUR YEARS

CATEGORY CODE	PROJECT TITLE	SCOPE	COST $(000)

R&M Unfunded Requirement: $20,370,000

1. COMPONENT	FY 2011 GUARD AND RESERVE	2. DATE
ANG	MILITARY CONSTRUCTION	February 2010

3. INSTALLATION AND LOCATION

SAVANNAH/HILTON HEAD IAP, SAVANNAH, GEORGIA

11. PERSONNEL STRENGTH AS OF 12 Aug 09

	PERMANENT				GUARD/RESERVE		
	TOTAL	OFFICER	ENLISTED	CIVILIAN	TOTAL	OFFICER	ENLISTED
AUTHORIZED	344	33	298	13	1,009	136	873
ACTUAL	312	31	268	13	981	129	852

12. RESERVE UNIT DATA

	STRENGTH	
UNIT DESIGNATION	AUTHORIZED	ACTUAL
165 Airlift Wing	55	59
165 Operations Group	6	6
165 Maintenance Group	12	10
165 Maintenance Squadron	154	131
165 Logistics Readiness Squadron	122	117
165 Aircraft Maintenance Squadron	54	45
165 Mission Support Group	8	10
165 Mission Support Flight	19	28
165 Civil Engineering Squadron	99	87
165 Services Flight	31	22
165 Security Forces Squadron	73	73
165 Communication Flight	34	40
165 Medical Squadron	48	50
165 Student Flight	29	86
158 Airlift Squadron	123	107
165 Operations Support Flight	20	21
165 Maintenance Operations Flight	21	17
GA Combat Readiness Training Center	101	72
TOTALS	1,009	981

13. MAJOR EQUIPMENT AND AIRCRAFT

TYPE	AUTHORIZED	ASSIGNED
Vehicle Equivalents	891	795
C-130H Aircraft	8	8
Support Equipment	433	323
Vehicles	268	243

14 OUTSTANDING POLLUTION AND SAFETY(OSHA) DEFICIENCIES FY 2011

CATEGORY CODE	PROJECT TITLE	SCOPE	CST $(000)	DESIGN STATUS START	CMPL
NONE					

1. COMPONENT ANG	FY 2011 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE February 2010
3. INSTALLATION AND LOCATION HICKAM AIR FORCE BASE, HONOLULU, HAWAII		4. AREA CONSTR COST INDEX 2.17

5. FREQUENCY AND TYPE OF UTILIZATION

One Unit Training Assemby per month, 15 days annual field training per year, daily use by technician/AGR force for training.

6. OTHER ACTIVE/GUARD/RESERVE INSTALLATIONS WITHIN 15 MILES RADIUS

2 Army Installations, 1 Army Facility, 1 Air Force Base, 1 Air Force Reserve, 1 Naval Installations, 1 Marine Corps Reserve Center, 4 Army National Guard Installations, 1 Air National Guard

7. PROJECTS REQUESTED IN THIS PROGRAM: FY 2011

CATEGORY CODE	PROJECT TITLE	SCOPE	COST $(000)	DESIGN STATUS START	DESIGN STATUS CMPL
211-111	TFI - F-22 Hangar, Squadron Operations and AMU	7,193 SM (77,427 SF)	48,250	Oct 08	Sep 10
216-642	TFI - F-22 Upgrade Munitions Complex	3,048 SM (32,800 SF)	17,250	Oct 08	Sep 10
800-100	TFI - F-22 Beddown Infrastructure Support	LS (LS)	5,950	Oct 08	Mar 10

8. STATE RESERVE FORCES FACILITIES BOARD RECOMMENDATION

Facilities identified in item 6 have been examined by the State Reserve Forces Facilities Board for possible joint use/expansion. The Board recommendations are: Unilateral Construction Approved 19 Feb 08 (Date)

9. LAND ACQUISITION REQUIRED None (Number of Acres)

10. PROJECTS PLANNED IN NEXT FOUR YEARS

CATEGORY CODE	PROJECT TITLE	SCOPE	COST $(000)
171-212	TFI - F-22 Flight Simulator Facility	2,215 SM (23,847 SF)	19,800
171-875	TFI - F-22 Weapons Load Crew Training Facility	805 SM (8,670 SF)	7,000
113-321	TFI - F-22 Combat Aircraft Parking Apron	12,542 SM (15,000 SY)	12,530

R&M Unfunded Requirement: $4,905,000

1. COMPONENT	FY 2011 GUARD AND RESERVE	2. DATE
ANG	MILITARY CONSTRUCTION	February 2010

3. INSTALLATION AND LOCATION

HICKAM AIR FORCE BASE, HONOLULU, HAWAII

11. PERSONNEL STRENGTH AS OF 01 Jul 09

	PERMANENT				GUARD/RESERVE		
	TOTAL	OFFICER	ENLISTED	CIVILIAN	TOTAL	OFFICER	ENLISTED
AUTHORIZED	571	448	123	0	1,711	223	1,488
ACTUAL	633	72	561	0	1,608	151	1,457

12. RESERVE UNIT DATA

	STRENGTH	
UNIT DESIGNATION	AUTHORIZED	ACTUAL
154 Medical Squadron	76	62
154 Weather Group	75	66
154 Aircraft Generation Squadron	303	297
154 Civil Engineering Squadron	66	70
154 Communication Flight	42	49
154 Logistics Group	33	29
154 Logistics Readiness Squadron	121	105
154 Logistics Support Flight	50	47
154 Mission Support Flight	34	31
154 Aircraft Maintenance Squadron	397	386
154 Operations Group	11	10
154 Operations Support Flight	43	33
154 Security Forces Squadron	73	78
154 Support Group	5	5
154 Services Flight	42	46
169 Air Support Operations Center	0	0
199 Fighter Squadron	39	39
199 Weather Flight	12	12
201 Combat Communications Group	39	33
203 Air Refueling Squadron	62	44
204 Airlift Squadron	59	48
291 Combat Communications Squadron	0	0
292 Combat Communications Squadron	0	0
293 Combat Communications Squadron	129	118
TOTALS	1,711	1,608

13. MAJOR EQUIPMENT AND AIRCRAFT

TYPE	AUTHORIZED	ASSIGNED
F-15 A/C AIRCRAFT	15	19
KC-135R AIRCRAFT	8	9
Support Equipment	512	509
Vehicle Equivalents		820

14 OUTSTANDING POLLUTION AND SAFETY(OSHA) DEFICIENCIES FY 2011

CATEGORY CODE	PROJECT TITLE	SCOPE	CST $(000)	DESIGN STATUS START	CMPL
NONE					

1. COMPONENT ANG	FY 2011 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE February 2010
3. INSTALLATION AND LOCATION CAPITAL MAP, SPRINGFIELD, ILLINOIS		4. AREA CONSTR COST INDEX 1.20

5. FREQUENCY AND TYPE OF UTILIZATION

Twelve monthly assemblies per year, 15 days annual field training per year, daily use by technician/AGR force and for training.

6. OTHER ACTIVE/GUARD/RESERVE INSTALLATIONS WITHIN 15 MILES RADIUS

1 Army Installation and 1 Army Reserve Training Center

7. PROJECTS REQUESTED IN THIS PROGRAM: FY 2011

CATEGORY CODE	PROJECT TITLE	SCOPE	COST $(000)	DESIGN STATUS START	DESIGN STATUS CMPL
610-285	TFI - cNAF Beddown - Upgrade Facilities	5,665 SM (60,961 SF)	16,700	Jun 08	Sep 10

8. STATE RESERVE FORCES FACILITIES BOARD RECOMMENDATION

Facilities identified in item 6 have been examined by the State Reserve Forces Facilities Board for possible joint use/expansion. The Board recommendations are: Unilateral Construction Approved 17 Jun 09 (Date)

9. LAND ACQUISITION REQUIRED None (Number of Acres)

10. PROJECTS PLANNED IN NEXT FOUR YEARS

CATEGORY CODE	PROJECT TITLE	SCOPE	COST $(000)

R&M Unfunded Requirement: $18,180,000

1. COMPONENT	FY 2011 GUARD AND RESERVE	2. DATE
ANG	MILITARY CONSTRUCTION	February 2010

3. INSTALLATION AND LOCATION

CAPITAL MAP, SPRINGFIELD, ILLINOIS

11. PERSONNEL STRENGTH AS OF 01 Jun 09

	PERMANENT				GUARD/RESERVE		
	TOTAL	OFFICER	ENLISTED	CIVILIAN	TOTAL	OFFICER	ENLISTED
AUTHORIZED	268	48	220	0	900	195	705
ACTUAL	225	27	198	0	847	111	736

12. RESERVE UNIT DATA

	STRENGTH	
UNIT DESIGNATION	AUTHORIZED	ACTUAL
183 Component Numbered Air Force	302	186
186 Logistics Readiness Squadron	32	46
183 Communication Flight	34	37
183 Operations Group	0	1
183 Mission Support Group	8	9
183 Operations Support Flight	0	3
170 Fighter Squadron	3	6
183 Force Support Squadron	41	47
183 Maintenance Squadron	133	143
183 Fighter Wing	52	49
183 Aircraft Maintenance Squadron	0	9
183 Support Group	43	47
183 Civil Engineer	67	75
183 Security Forces Squadron	74	77
217 Engineering Installation Squadron	111	112
TOTALS	900	847

13. MAJOR EQUIPMENT AND AIRCRAFT

TYPE	AUTHORIZED	ASSIGNED
Vehicle Equivalents	359	384
Number of Vehicles	124	123
Support Equipment	80	80

14 OUTSTANDING POLLUTION AND SAFETY(OSHA) DEFICIENCIES FY 2011

CATEGORY CODE	PROJECT TITLE	SCOPE	CST $(000)	DESIGN STATUS START	CMPL

NONE

1. COMPONENT ANG	FY 2011 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE February 2010
3. INSTALLATION AND LOCATION HULMAN REGIONAL AIRPORT, TERRE HAUTE, INDIANA		4. AREA CONSTR COST INDEX .96

5. FREQUENCY AND TYPE OF UTILIZATION

Twelve monthly unit training assemblies per year, 15 days annual field training per year, daily use by technician/AGR force and for training.

6. OTHER ACTIVE/GUARD/RESERVE INSTALLATIONS WITHIN 15 MILES RADIUS

One Marine Corps Reserve Unit, Five Army National Guard Unit , One Army Reserve Unit

7. PROJECTS REQUESTED IN THIS PROGRAM: FY 2011

CATEGORY CODE	PROJECT TITLE	SCOPE	COST $(000)	DESIGN STATUS START	DESIGN STATUS CMPL
141-753	TFI - ASOS Beddown - Upgrade Facilities	3,568 SM (38,400 SF)	4,100	May 06	Sep 10

8. STATE RESERVE FORCES FACILITIES BOARD RECOMMENDATION

Facilities identified in item 6 have been examined by the State Reserve Forces Facilities Board for possible joint use/expansion. The Board recommendations are: Unilateral Construction Approved 16 Apr 09 (Date)

9. LAND ACQUISITION REQUIRED None (Number of Acres)

10. PROJECTS PLANNED IN NEXT FOUR YEARS

CATEGORY CODE	PROJECT TITLE	SCOPE	COST $(000)

R&M Unfunded Requirement: $7,632,000

1. COMPONENT	FY 2011 GUARD AND RESERVE	2. DATE
ANG	MILITARY CONSTRUCTION	February 2010

3. INSTALLATION AND LOCATION

HULMAN REGIONAL AIRPORT, TERRE HAUTE, INDIANA

11. PERSONNEL STRENGTH AS OF 26 Jun 09

	PERMANENT				GUARD/RESERVE		
	TOTAL	OFFICER	ENLISTED	CIVILIAN	TOTAL	OFFICER	ENLISTED
AUTHORIZED	368	30	336	2	866	112	754
ACTUAL	284	20	262	2	828	91	737

12. RESERVE UNIT DATA

	STRENGTH	
UNIT DESIGNATION	AUTHORIZED	ACTUAL
181 Student Flight	19	0
181 Intelligence Wing	54	53
181 Mission Support Group	8	9
181 Services Flight	53	54
181 Security Forces Squadron	73	76
181 Civil Engineering Squadron	66	83
181 Communication Flight	34	34
181 Medical Squadron	45	49
181 Intelligence Group	17	17
113 Air Support Operations Squadron	63	36
181 Logistics Readiness Squadron	31	41
113 Weather Flight	15	17
181 Operations Support Squadron	53	46
137 Intelligence Squadron	210	189
181 Intelligence Support Squadron	77	74
HQ INANG	33	34
207 Weather Flight	15	16
TOTALS	866	828

13. MAJOR EQUIPMENT AND AIRCRAFT

TYPE	AUTHORIZED	ASSIGNED
Vehicle Equivalents	216	216
Vehicles	108	77

14 OUTSTANDING POLLUTION AND SAFETY(OSHA) DEFICIENCIES FY 2011

CATEGORY CODE	PROJECT TITLE	SCOPE	CST $(000)	DESIGN STATUS START	CMPL

NONE

1. COMPONENT ANG	FY 2011 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE February 2010
3. INSTALLATION AND LOCATION MARTIN STATE AIRPORT, BALTIMORE, MARYLAND		4. AREA CONSTR COST INDEX .94

5. FREQUENCY AND TYPE OF UTILIZATION

Eight Unit Training Assemblies per month, 15 days annual field training per year, 2 night flying operations per week, and daily use by technician/AGR force, and for training.

6. OTHER ACTIVE/GUARD/RESERVE INSTALLATIONS WITHIN 15 MILES RADIUS

6 Army National Guard Armories, 1 Army National Guard State Military Reservation, 3 Army Reserve Centers, 1 Navy Reserve Center, 1 USMC Reserve Center, 1 U. S. Coast Guard Yard, and 1 active Army Installation.

7. PROJECTS REQUESTED IN THIS PROGRAM: FY 2011

CATEGORY CODE	PROJECT TITLE	SCOPE	COST $(000)	DESIGN STATUS START	DESIGN STATUS CMPL
171-450	Replace Operations and Medical Training Facility	3,131 SM (33,700 SF)	11,400	Feb 09	Sep 10

8. STATE RESERVE FORCES FACILITIES BOARD RECOMMENDATION

Facilities identified in item 6 have been examined by the State Reserve Forces Facilities Board for possible joint use/expansion. The Board recommendations are: Unilateral Construction Approved 26 Jun 08 (Date)

9. LAND ACQUISITION REQUIRED None (Number of Acres)

10. PROJECTS PLANNED IN NEXT FOUR YEARS

CATEGORY CODE	PROJECT TITLE	SCOPE	COST $(000)
141-753	TFI - C-27 Conversion - Construct Squadron Operations	1,133 SM (12,200 SF)	6,400
211-152	TFI - C-27 Beddown - Add to and Alter Aircraft Shops	2,703 SM (29,100 SF)	6,600

R&M Unfunded Requirement: $14,600,000

1. COMPONENT ANG	FY 2011 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE February 2010

3. INSTALLATION AND LOCATION

MARTIN STATE AIRPORT, BALTIMORE, MARYLAND

11. PERSONNEL STRENGTH AS OF 01 Apr 09

	PERMANENT				GUARD/RESERVE		
	TOTAL	OFFICER	ENLISTED	CIVILIAN	TOTAL	OFFICER	ENLISTED
AUTHORIZED	441	44	397	0	1,565	246	1,319
ACTUAL	431	43	388	0	1,590	217	1,373

12. RESERVE UNIT DATA

	STRENGTH	
UNIT DESIGNATION	AUTHORIZED	ACTUAL
135 Aerial Port Flight	0	4
135 AG	30	24
135 Aircraft Maintenance Squadron	47	43
135 Maintenance Squadron	153	119
135 Maintenance Operations Flight	11	12
135 Air Support Operations Center	86	76
135 Operations Support Flight	21	23
175 Civil Engineering Squadron	106	122
175 Communications Squadron	34	59
175 Logistics Readiness Squadron	137	194
175 Medical Group	56	64
175 Maintenance Group	22	18
175 AMS	166	131
175 Maintenance Squadron	253	170
175 Maintenance Operations Flight	22	19
175 Mission Support Flight	33	37
175 Operations Group	4	4
175 Operations Support Flight	27	29
104 Fighter Squadron	49	39
104 Weather Flight	0	2
175 Security Forces Squadron	119	125
175 Mission Support Group	12	14
175 Weather Group	65	65
175 Services Flight	33	36
175 Wing Group	34	31
175 Information Operations Squadron	59	40

13. MAJOR EQUIPMENT AND AIRCRAFT

TYPE	AUTHORIZED	ASSIGNED
Vehicles	113	111
A-10C PAA	18	22
Support Equipment	338	308
Vehicle Equivalents	359	348
C-130 J PAA	8	8

14 OUTSTANDING POLLUTION AND SAFETY(OSHA) DEFICIENCIES FY 2011

CATEGORY CODE	PROJECT TITLE	SCOPE	CST $(000)	DESIGN STATUS START	CMPL
NONE					

1. COMPONENT ANG	FY 2011 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE February 2010
3. INSTALLATION AND LOCATION FORT DRUM MILITARY RESERVATION, WATERTOWN, NEW YORK		4. AREA CONSTR COST INDEX 1.17

5. FREQUENCY AND TYPE OF UTILIZATION

Twelve unit training assemblies per year, 15 days annual field training per year, frequent use by technician/AGR force and for training. Reaper aerial launch/recovery operations.

6. OTHER ACTIVE/GUARD/RESERVE INSTALLATIONS WITHIN 15 MILES RADIUS

7. PROJECTS REQUESTED IN THIS PROGRAM: FY 2011

CATEGORY CODE	PROJECT TITLE	SCOPE	COST $(000)	DESIGN STATUS START	DESIGN STATUS CMPL
112-211	TFI - Reaper Infrastructure Support	1 LS (1 LS)	2,500	Jul 08	Sep 10

8. STATE RESERVE FORCES FACILITIES BOARD RECOMMENDATION

Facilities identified in item 6 have been examined by the State Reserve Forces Facilities Board for possible joint use/expansion. The Board recommendations are: Unilateral Construction Approved 14 May 08 (Date)

9. LAND ACQUISITION REQUIRED None (Number of Acres)

10. PROJECTS PLANNED IN NEXT FOUR YEARS

CATEGORY CODE	PROJECT TITLE	SCOPE	COST $(000)

1. COMPONENT	FY 2011 GUARD AND RESERVE	2. DATE
ANG	MILITARY CONSTRUCTION	February 2010

3. INSTALLATION AND LOCATION

FORT DRUM MILITARY RESERVATION, WATERTOWN, NEW YORK

11. PERSONNEL STRENGTH AS OF 31 May 09

	PERMANENT				GUARD/RESERVE		
	TOTAL	OFFICER	ENLISTED	CIVILIAN	TOTAL	OFFICER	ENLISTED
AUTHORIZED	0	0	0	0	46	4	42
ACTUAL	0	0	0	0	45	3	42

12. RESERVE UNIT DATA

UNIT DESIGNATION	STRENGTH AUTHORIZED	STRENGTH ACTUAL
DET 1	21	20
LRE 1	25	25
TOTALS	46	45

13. MAJOR EQUIPMENT AND AIRCRAFT

TYPE	AUTHORIZED	ASSIGNED
Support Equipment	155	130
Vehicle Equivalents	198	198

14 OUTSTANDING POLLUTION AND SAFETY(OSHA) DEFICIENCIES FY 2011

CATEGORY CODE	PROJECT TITLE	SCOPE	CST $(000)	DESIGN STATUS START	DESIGN STATUS CMPL

NONE

1. COMPONENT ANG	FY 2011 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE February 2010
3. INSTALLATION AND LOCATION STEWART INTERNATIONAL AIRPORT, NEWBURGH, NEW YORK		4. AREA CONSTR COST INDEX 1.37

5. FREQUENCY AND TYPE OF UTILIZATION

Four Unit Training Assemblies per month, 15 days annual training per year, daily use for technician force, and for training.

6. OTHER ACTIVE/GUARD/RESERVE INSTALLATIONS WITHIN 15 MILES RADIUS

Army National Guard Unit, two Army Reserve units, one Naval Reserve unit, one Marine Corps Reserve Unit (colocated) and the U. S. Military Academy.

7. PROJECTS REQUESTED IN THIS PROGRAM: FY 2011

CATEGORY CODE	PROJECT TITLE	SCOPE	COST $(000)	DESIGN STATUS START	DESIGN STATUS CMPL
730-835	Base Defense Group Beddown	5,382 SM (57,930 SF)	15,000	Aug 09	Mar 11

8. STATE RESERVE FORCES FACILITIES BOARD RECOMMENDATION

Facilities identified in item 6 have been examined by the State Reserve Forces Facilities Board for possible joint use/expansion. The Board recommendations are: Unilateral Construction Approved 16 Dec 08 (Date)

9. LAND ACQUISITION REQUIRED None (Number of Acres)

10. PROJECTS PLANNED IN NEXT FOUR YEARS

CATEGORY CODE	PROJECT TITLE	SCOPE	COST $(000)

R&M Unfunded Requirement: $11,120,000

1. COMPONENT	FY 2011 GUARD AND RESERVE	2. DATE
ANG	MILITARY CONSTRUCTION	February 2010

3. INSTALLATION AND LOCATION

STEWART INTERNATIONAL AIRPORT, NEWBURGH, NEW YORK

11. PERSONNEL STRENGTH AS OF 29 Jun 09

	PERMANENT				GUARD/RESERVE		
	TOTAL	OFFICER	ENLISTED	CIVILIAN	TOTAL	OFFICER	ENLISTED
AUTHORIZED	622	36	586	0	1,346	150	1,196
ACTUAL	628	36	592	0	1,524	153	1,371

12. RESERVE UNIT DATA

	STRENGTH	
UNIT DESIGNATION	AUTHORIZED	ACTUAL
105 Aircraft Maintenance Squadron	131	125
105 Airlift Wing	55	64
105 Civil Engineering Squadron	105	111
105 Communication Flight	34	41
105 Logistics Readiness Squadron	122	165
105 Maintenance Group	12	10
105 Maintenance Operations Flight	28	31
105 Maintenance Squadron	302	327
105 Medical Group	70	81
105 Mission Support Flight	21	23
105 Mission Support Group	8	10
105 Operations Group	8	6
105 Operations Support Flight	30	20
105 Security Forces Squadron	94	80
105 Services Flight	0	34
105 Student Flight	21	117
137 Air Support Operations Center	195	174
213 Engineering Installation Squadron	110	105
TOTALS	1,346	1,524

13. MAJOR EQUIPMENT AND AIRCRAFT

TYPE	AUTHORIZED	ASSIGNED
Vehicle Equivalents	640	865
C-5 Aircraft	13	13
KC-139 T (USMCR)	14	13
Support Equipment	179	155
Vehicle	210	236

14 OUTSTANDING POLLUTION AND SAFETY(OSHA) DEFICIENCIES FY 2011

CATEGORY CODE	PROJECT TITLE	SCOPE	CST $(000)	DESIGN STATUS START	CMPL

NONE

1. COMPONENT ANG	FY 2011 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE February 2010
3. INSTALLATION AND LOCATION STANLY COUNTY AIRPORT, ALBEMARLE, NORTH CAROLINA		4. AREA CONSTR COST INDEX .84

5. FREQUENCY AND TYPE OF UTILIZATION

Twelve monthly assemblies per year, 15 days annual field training per year, daily use by technician/AGR force and for training.

6. OTHER ACTIVE/GUARD/RESERVE INSTALLATIONS WITHIN 15 MILES RADIUS

1 Army National Guard; 1 Air National Guard

7. PROJECTS REQUESTED IN THIS PROGRAM: FY 2011

CATEGORY CODE	PROJECT TITLE	SCOPE	COST $(000)	DESIGN STATUS START	DESIGN STATUS CMPL
141-753	Upgrade ASOS Facilities	1,022 SM (11,000 SF)	2,000	Oct 08	Sep 10

8. STATE RESERVE FORCES FACILITIES BOARD RECOMMENDATION

Facilities identified in item 6 have been examined by the State Reserve Forces Facilities Board for possible joint use/expansion. The Board recommendations are: Unilateral Construction (Renovation) Approved 05 Dec 08 (Date)

9. LAND ACQUISITION REQUIRED None (Number of Acres)

10. PROJECTS PLANNED IN NEXT FOUR YEARS

CATEGORY CODE	PROJECT TITLE	SCOPE	COST $(000)
219-946	DRBS Storage Facility	743 SM (8,000 SF)	1,700
	R&M Unfunded Requirement: $1,490,000		

1. COMPONENT	FY 2011 GUARD AND RESERVE	2. DATE
ANG	MILITARY CONSTRUCTION	February 2010

3. INSTALLATION AND LOCATION

STANLY COUNTY AIRPORT, ALBEMARLE, NORTH CAROLINA

11. PERSONNEL STRENGTH AS OF 31 May 09

	PERMANENT				GUARD/RESERVE		
	TOTAL	OFFICER	ENLISTED	CIVILIAN	TOTAL	OFFICER	ENLISTED
AUTHORIZED	56	5	46	5	348	27	321
ACTUAL	56	5	46	5	326	26	300

12. RESERVE UNIT DATA

	STRENGTH	
UNIT DESIGNATION	AUTHORIZED	ACTUAL
118 Air Support Operations Squadron	76	57
235 Air Traffic Control Flight	87	89
263 Civil Engineer Training Site	185	180
TOTALS	348	326

13. MAJOR EQUIPMENT AND AIRCRAFT

TYPE	AUTHORIZED	ASSIGNED
Vehicle Equivalents	328	326

14 OUTSTANDING POLLUTION AND SAFETY(OSHA) DEFICIENCIES FY 2011

CATEGORY CODE	PROJECT TITLE	SCOPE	CST $(000)	DESIGN STATUS START	CMPL

NONE

1. COMPONENT ANG	FY 2011 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE February 2010
3. INSTALLATION AND LOCATION STATE COLLEGE ANG STATION, STATE COLLEGE, PENNSYLVANIA		4. AREA CONSTR COST INDEX 1.04

5. FREQUENCY AND TYPE OF UTILIZATION

Four unit training assemblies per month, 15 days annual field training per year, daily use by technician/AGR force and for training.

6. OTHER ACTIVE/GUARD/RESERVE INSTALLATIONS WITHIN 15 MILES RADIUS

One Army National Guard Unit, one Army Reserve Units,one Air Force Reserve Unit

7. PROJECTS REQUESTED IN THIS PROGRAM: FY 2011

CATEGORY CODE	PROJECT TITLE	SCOPE	COST $(000)	DESIGN STATUS START	DESIGN STATUS CMPL
141-454	Add to and Alter AOS Facility	976 SM (10,500 SF)	4,100	Jan 10	Jan 11

8. STATE RESERVE FORCES FACILITIES BOARD RECOMMENDATION

Facilities identified in item 6 have been examined by the State Reserve Forces Facilities Board for possible joint use/expansion. The Board recommendations are: Unilateral Construction Approved 24 Aug 06 (Date)

9. LAND ACQUISITION REQUIRED None (Number of Acres)

10. PROJECTS PLANNED IN NEXT FOUR YEARS

CATEGORY CODE	PROJECT TITLE	SCOPE	COST $(000)

1. COMPONENT	FY 2011 GUARD AND RESERVE	2. DATE
ANG	MILITARY CONSTRUCTION	February 2010

3. INSTALLATION AND LOCATION

STATE COLLEGE ANG STATION, STATE COLLEGE, PENNSYLVANIA

11. PERSONNEL STRENGTH AS OF 01 Aug 06

	PERMANENT				GUARD/RESERVE		
	TOTAL	OFFICER	ENLISTED	CIVILIAN	TOTAL	OFFICER	ENLISTED
AUTHORIZED	26	9	17	0	135	56	79
ACTUAL	25	9	16	0	110	40	70

12. RESERVE UNIT DATA

UNIT DESIGNATION	STRENGTH AUTHORIZED	STRENGTH ACTUAL
112 AOS	135	110
TOTALS	135	110

13. MAJOR EQUIPMENT AND AIRCRAFT

TYPE	AUTHORIZED	ASSIGNED
Vehicles	4	4

14 OUTSTANDING POLLUTION AND SAFETY(OSHA) DEFICIENCIES FY 2011

CATEGORY CODE	PROJECT TITLE	SCOPE	CST $(000)	DESIGN STATUS START	DESIGN STATUS CMPL
NONE					

1. COMPONENT ANG	FY 2011 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE February 2010
3. INSTALLATION AND LOCATION NASHVILLE INTERNATIONAL AIRPORT, NASHVILLE, TENNESSEE		4. AREA CONSTR COST INDEX .85

5. FREQUENCY AND TYPE OF UTILIZATION

Twelve monthly assemblies per year, 15 days annual field training per year, daily use by technician/AGR force and for training.

6. OTHER ACTIVE/GUARD/RESERVE INSTALLATIONS WITHIN 15 MILES RADIUS

1 Army Reserve, 1 Navy Reserve, 1 Active Air Force Squadron, 1 Marine Corp Reserve, 1 Active Coast Guard, 1 Reserve Coast Guard, 1 Corp of Engineers, 3 Army National Guard.

7. PROJECTS REQUESTED IN THIS PROGRAM: FY 2011

CATEGORY CODE	PROJECT TITLE	SCOPE	COST $(000)	DESIGN STATUS START	DESIGN STATUS CMPL
141-753	TFI- Renovate Intel Squadron Facilities	4,023 SM (43,300 SF)	6,000	Jul 08	Sep 10

8. STATE RESERVE FORCES FACILITIES BOARD RECOMMENDATION

Facilities identified in item 6 have been examined by the State Reserve Forces Facilities Board for possible joint use/expansion. The Board recommendations are: Unilateral Construction Approved 29 Jun 09 (Date)

9. LAND ACQUISITION REQUIRED None (Number of Acres)

10. PROJECTS PLANNED IN NEXT FOUR YEARS

CATEGORY CODE	PROJECT TITLE	SCOPE	COST $(000)
171-211	TFI - Establish C-130 FTU	2,220 SM (23,900 SF)	6,900
	R&M Unfunded Requirement: $6,108,000		

1. COMPONENT ANG	FY 2011 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE February 2010

3. INSTALLATION AND LOCATION

NASHVILLE INTERNATIONAL AIRPORT, NASHVILLE, TENNESSEE

11. PERSONNEL STRENGTH AS OF 01 Jun 09

	PERMANENT				GUARD/RESERVE		
	TOTAL	OFFICER	ENLISTED	CIVILIAN	TOTAL	OFFICER	ENLISTED
AUTHORIZED	403	52	330	21	1,192	227	965
ACTUAL	395	60	314	21	1,127	223	904

12. RESERVE UNIT DATA

	STRENGTH	
UNIT DESIGNATION	AUTHORIZED	ACTUAL
118 Airlift Wing	56	50
118 Operations Group	8	9
105 Air Support Operations Center	175	139
118 Airlift Control Flight	28	14
118 Airlift Evacuation Squadron	101	90
118 Operations Support Flight	21	30
105 Weather Flight	14	12
118 Mission Support Group	8	6
118 Civil Engineering Squadron	93	90
118 Communication Flight	34	38
118 Logistics Readiness Squadron	122	134
118 Mission Support Flight	46	21
118 Security Forces Squadron	74	80
118 Services Flight	0	21
118 Maintenance Group	11	10
118 Aircraft Maintenance Squadron	66	43
118 Maintenance Operations Flight	11	11
118 Maintenance Squadron	186	121
118 Medical Squadron	58	56
118 Student Flight	24	98
118 ST HQ	56	54
TOTALS	1,192	1,127

13. MAJOR EQUIPMENT AND AIRCRAFT

TYPE	AUTHORIZED	ASSIGNED
C-130H Aircraft	12	11
Support Equipment	153	153
Vehicle Equivalents	241	208
Number of Vehicles	102	98

14 OUTSTANDING POLLUTION AND SAFETY(OSHA) DEFICIENCIES FY 2011

CATEGORY CODE	PROJECT TITLE	SCOPE	CST $(000)	DESIGN STATUS START	CMPL

NONE

DEPARTMENT OF THE AIR FORCE
AIR NATIONAL GUARD
MILITARY CONSTRUCTION PROGRAM FOR FISCAL YEAR 2011

SECTION IV

FUTURE YEARS DEFENSE PROGRAM (FYDP)

FISCAL YEAR LISTING

AIR NATIONAL GUARD
FUTURE YEARS DEFENSE PROGRAM (FYDP)

MAJCOM	FY	APPN	Project Number	Installation	State	Project Title	Program Element	Facility Category Code	Budget Amount ($000)	Change from FY10 PB	Explanation of Changes	Footprint
ANG	12	3830	HAYW019150	Fresno Yosemite IAP	CA	Medical Training and Security Forces Complex	52276F	171-450	6,923	0	New	Existing
ANG	12	3830	KNMD069212	Hickam AFB	HI	TFI - F-22 Flight Simulator Facility	51721F	171-212	19,800	0		New
ANG	12	3830	KNMD069216	Hickam AFB	HI	TFI - F-22 Combat Aircraft Parking Apron	51721F	113-321	12,530	0		New
ANG	12	3830	ATQZ069005	Fort Wayne IAP	IN	ASE, GP Shops & Weapons Release Facilities	52276F	218-712	7,000	2,000	Cost increase	New
ANG	12	3830	AXQD059003	Barnes Municipal Airport	MA	Add To Aircraft Maintenance Hangar	52276F	211-111	6,000	0	Accelerated from FY14	Existing
ANG	12	3830	PJMS099091	Martin State Airport	MD	TFI - C-27 Conversion - Construct Squad Ops	51138F	141-753	6,400	0	New	New
ANG	12	3830	PJMS099092	Martin State Airport	MD	TFI - C-27 Conversion - Add to MX Shops	51138F	211-152	6,600	0	New	New
ANG	12	3830	AAAA089021	TBD	TBD	TFI - C-27 Training Facility	51138F	171-212	10,000	0	New	New
ANG	12	3830	PBXP089074	Mansfield MAP	OH	TFI - C-27 Conversion	51138F	171-211	6,500	0	New	New
ANG	12	3830	PSXE069050	Mcghee -Tyson Airport	TN	Force Protection Measures- Relocate Hobbs Road	52276F	851-147	4,400	0	New	New
						TOTAL MAJOR CONSTRUCTION			**86,153**			
ANG	12	3830	--	Various Locations	--	Unspecified Minor Construction	52276F	--	2,544	(296)	Cost decrease (RMD 702)	--
ANG	12	3830	--	Various Locations	--	Planning and Design	52276F	--	3,153	(297)	Cost decrease (RMD 702)	--
						GRAND TOTAL FY12 MILCON			**91,850**			
ANG	13	3830	QMSN099051	Moffett Federal Airfield	CA	Force Protection Measures - Relocate Main Gate	52276F	730-839	4,756	256	Accelerated from FY15; Cost increase	New
ANG	13	3830	CEKT089028	Bradley IAP	CT	TFI - C-27 Conversion	51138F	211-179	9,600	0	New	Existing
ANG	13	3830	JLWS069156	New Castle County Airport	DE	C-130 Aircraft Maintenance Shops	52276F	211-157	11,200	(400)	Deferred from FY12; Cost decrease	Existing
ANG	13	3830	KNMD069213	Hickam AFB	HI	TFI - F-22 Weapons Load Crew Training Facility	51721F	171-875	7,000	0		New
ANG	13	3830	MBMV089025	W. K. Kellogg Airport	MI	TFI - C-27 Conversion	51138F	211-179	5,700	0	New	New
ANG	13	3830	NLZG052101	Rickenbacker IAP	OH	Deployment Processing Facility	52276F	141-786	2,656	156	Accelerated from FY14; Cost increase	New
ANG	13	3830	BKTZ089013	Nashville IAP	TN	TFI - Establish C-130 FTU	54332F	171-211	6,900	0		Existing
						TOTAL MAJOR CONSTRUCTION			**47,812**			
ANG	13	3830	--	Various Locations	--	Unspecified Minor Construction	52276F	--	2,622	(205)	Cost decrease (RMD 702)	--
ANG	13	3830	--	Various Locations	--	Planning and Design	52276F	--	1,993	(205)	Cost decrease (RMD 702)	--
						GRAND TOTAL FY13 MILCON			**52,427**			

AIR NATIONAL GUARD
FUTURE YEARS DEFENSE PROGRAM (FYDP)

MAJCOM	FY	APPN	Project Number	Installation	State	Project Title	Program Element	Facility Category Code	Budget Amount ($000)	Change from FY10 PB	Explanation of Changes	Footprint
ANG	14	3830	FTQW059901	Eielson AFB	AK	Add to and Alter Communications Facility	52276F	131-111	6,500	0		Existing
ANG	14	3830	VUBV109002	Smoky Hill Range	KS	Range Training Support Facilities	52276F	171-472	10,000	0	New	New
ANG	14	3830	RQLH079073	New Orleans NAS	LA	Replace Squadron Operations Facility	52276F	141-753	9,700	0	Accelerated from FY15	Existing
ANG	14	3830	SPBN079047	Otis ANGB	MA	TFI -cNAF Beddown	52672F	610-285	7,800	0	New	Existing
ANG	14	3830	FMKM089018	Duluth IAP	MN	Load Crew Training and Weapon Release Shops	52276F	215-552	8,248	248	Deferred from FY13	New
ANG	14	3830	AQRC059093	Atlantic City IAP	NJ	Fuel Cell and Corrosion Control Hangar	52276F	211-179	8,800	300	Deferred from FY12; Cost increase	New
ANG	14	3830	AQRC069222	Atlantic City IAP	NJ	Dining Hall and Services Facility	52276F	722-351	8,400	0	Deferred from FY11	New
ANG	14	3830	NLZG069111	Rickenbacker	OH	Aircraft Support Equipment Storage	52276F	218-712	1,000	0	New	New
ANG	14	3830	PSTE009070	McEntire Joint National Guard Base	SC	Replace Ops and Training	52276F	171-445	6,700	(300)	Accelerated from FY15; Cost decrease	Existing
ANG	14	3830	LUXC099042	Joe Foss Field	SD	Aircraft Maintenance Shops	52276F	217-713	9,000	2,580	Deferred from FY12; Cost increase	New
						TOTAL MAJOR CONSTRUCTION			**76,148**			
ANG	14	3830	--	Various Locations	--	Unspecified Minor Construction	52276F	--	1,614	(386)	Cost decrease (RMD 702)	--
ANG	14	3830	--	Various Locations	--	Planning and Design	52276F	--	1,643	(387)	Cost decrease (RMD 702)	--
						GRAND TOTAL FY14 MILCON			**79,405**			
ANG	15	3830	FAKZ059173	Montgomery Regional Airport	AL	TFI - Replace Squadron Operations Facility	52276F	141-753	7,500	0	Deferred from FY13	Existing
ANG	15	3830	KNKAK909718	Little Rock AFB	AR	C-130 Fuel Cell/Corrosion Control Hangar	52276F	211-179	10,700	300	Deferred from FY13	New
ANG	15	3830	CRWU069200	Buckley AFB	CO	Upgrade Taxiway Juliet and lima	52276F	112-211	4,000	0	New	Existing
ANG	15	3830	AJJY099016	Anderson AFB	GU	DRBS Storage Facility	52276F	219-946	2,000	0		New
ANG	15	3830	FFAN049064	Des Moines IAP	IA	Corrosion Control Hangar	52276F	211-159	4,700	0	New	New
ANG	15	3830	VSSB069014	Sioux Gateway Airport/Col Bud Day Field	IA	Add to/Alter Security Police Facility	52276F	730-835	1,950	200	Cost increase	New
ANG	15	3830	WEAS079054	Louisville IAP	KY	TFI - Contingency Response Group (CRG) Facility	52276F	442-758	11,200	4,100	Cost increase	New
ANG	15	3830	FKNN059220	Bangor IAP	ME	Add to and Alter Fire Crash and Rescue Station	52276F	130-142	7,200	100	Cost increase	Existing
ANG	15	3830	TDVG049136	Alpena County Regional Airport	MI	Replace Troop Training Quarters	52276F	725-517	10,000	0	New	Existing
ANG	15	3830	MBMV109016	W. K. Kellogg Airport	MI	Replace Operations and Training Facility	52276F	171-445	9,000	0	New	New
ANG	15	3830	MDVL069177	Key Field	MS	TFI - cNAF Beddown Phase I	52276F	610-285	10,469	669	Cost increase	New
ANG	15	3830	LRXQ989041	Jackson IAP	MS	Security Forces and Medical Training	52276F	730-835	7,700	0	New	New
ANG	15	3830	FJRP089066	Charlotte - Douglas IAP	NC	Replace Squadron Operations Facilities	52276F	141-753	8,500	0		Existing
ANG	15	3830	KKGA069009	Hector Field	ND	Replace Operational and Training Facility	52276F	171-445	8,000	400	Cost increase	New

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FUTURE YEARS DEFENSE PROGRAM (FYDP)

MAJCOM	FY	APPN	Project Number	Installation	State	Project Title	Program Element	Facility Category Code	Budget Amount ($000)	Change from FY10 PB	Explanation of Changes	Footprint
ANG	15	3830	SZCQ099004	Pease Tradeport	NH	Air Traffic Control Squadron Facility	52276F	171-447	7,900	0	New	New
ANG	15	3830	BVGM092001	Blue Ash	OH	Upgrade Vehicle maintenance & comm complex	52276F	214-425	1,400	0	New	Existing
ANG	15	3830	WYTD029015	Toledo Express Airport	OH	Replace Security Forces Complex	52276F	730-835	7,300	(4,900)	Deferred from FY14; Removed Range Complex; Cost decrease	New
ANG	15	3830	WYTD109008	Toledo Express Airport	OH	Indoor Small Arms Range	52276F	171-475	4,900	0	Companion to Security Forces Complex	New
ANG	15	3830	KJAQ099058	Klamath IAP	OR	Replace Fire station	52276F	130-142	8,300	0	New	New
ANG	15	3830	LKLW099101	Fort Indian Town Gap	PA	Replace Ops, Training and Dining Hall Facilities	52276F	722-351	7,300	0	Deferred from FY14	Existing
ANG	15	3830	TWLR099087	Quonset State Airport	RI	C 130 Parking Apron	52276F	113-321	1,800	0	New	Existing
ANG	15	3830	FWJH059016	Ellington Field	TX	Replace security Forces Facility	52276F	730-835	5,800	0	New	New
ANG	15	3830	CURZ059054	Burlington IAP	VT	Widen Taxiway Delta and Arm/Dearm Apron	52276F	112-211	8,000	0	New	New
ANG	15	3830	HTUV089012	General Mitchell IAP	WI	Replace Fire Station	52276F	130-142	8,300	300	Cost increase	New
ANG	15	3830	LYBH049066	Yeager Airport	WV	Force Protection - Relocate Road	52276F	851-000	13,000	5,500	Cost increase	New
ANG	15	3830	LYBH009133	Yeager Airport	WV	Replace Communications Training Facility	52276F	131-111	6,250	250	Cost increase	Existing
						TOTAL MAJOR CONSTRUCTION			**183,169**			
ANG	15	3830	--	Various Locations	--	Unspecified Minor Construction	52276F	--	2,056	(927)	Cost decrease (RMD 702)	--
ANG	15	3830	--	Various Locations	--	Planning and Design	52276F	--	395	(927)	Cost decrease (RMD 702)	--
						GRAND TOTAL FY15 MILCON			**185,620**			

DEPARTMENT OF THE AIR FORCE
AIR NATIONAL GUARD
MILITARY CONSTRUCTION PROGRAM FOR FISCAL YEAR 2011

SECTION IV

FUTURE YEARS DEFENSE PROGRAM (FYDP)

STATE/INSTALLATION LISTING

AIR NATIONAL GUARD
FUTURE YEAR DEFENSE PROGRAM

MAJCOM	FY	APPN	Project Number	Installation	State	Project Title	Program Element	Facility Category Code	Budget Amount ($000)	Change from FY10 PB	Explanation of Changes	Footprint
ANG	14	3830	FTQW059901	Eielson AFB	AK	Add to and Alter Communications Facility	52276F	131-111	6,500	0		Existing
ANG	15	3830	FAKZ059173	Montgomery Regional Airport	AL	TFI - Replace Squadron Operations Facility	52276F	141-753	7,500	0	Deferred from FY13	Existing
ANG	15	3830	KNKAK909718	Little Rock AFB	AR	C-130 Fuel Cell/Corrosion Control Hangar	52276F	211-179	10,700	300	Deferred from FY13	New
ANG	12	3830	HAYW019150	Fresno Yosemite IAP	CA	Medical Training and Security Forces Complex	52276F	171-450	6,923	0	New	Existing
ANG	13	3830	QMSN099051	Moffett Federal Airfield	CA	Force Protection Measures - Relocate Main Gate	52276F	730-839	4,756	256	Accelerated from FY15; Cost increase	New
ANG	15	3830	CRWU069200	Buckley AFB	CO	Upgrade Taxiway Juliet and lima	52276F	112-211	4,000	0	New	Existing
ANG	13	3830	CEKT089028	Bradley IAP	CT	TFI - C-27 Conversion	51138F	211-179	9,600	0	New	Existing
ANG	13	3830	JLWS069156	New Castle County Airport	DE	C-130 Aircraft Maintenance Shops	52276F	211-157	11,200	(400)	Deferred from FY12; Cost decrease	Existing
ANG	15	3830	AJJY099016	Anderson AFB	GU	DRBS Storage Facility	52276F	219-946	2,000	0		New
ANG	12	3830	KNMD069212	Hickam AFB	HI	TFI - F-22 Flight Simulator Facility	51721F	171-212	19,800	0		New
ANG	12	3830	KNMD069216	Hickam AFB	HI	TFI - F-22 Combat Aircraft Parking Apron	51721F	113-321	12,530	0		New
ANG	13	3830	KNMD069213	Hickam AFB	HI	TFI - F-22 Weapons Load Crew Training Facility	51721F	171-875	7,000	0		New
ANG	15	3830	FFAN049064	Des Moines IAP	IA	Corrosion Control Hangar	52276F	211-159	4,700	0	New	New
ANG	15	3830	VSSB069014	Sioux Gateway Airport/Col Bud Day Field	IA	Add to/Alter Security Police Facility	52276F	730-835	1,950	200	Cost increase	New

AIR NATIONAL GUARD
FUTURE YEAR DEFENSE PROGRAM

MAJCOM	FY	APPN	Project Number	Installation	State	Project Title	Program Element	Facility Category Code	Budget Amount ($000)	Change from FY10 PB	Explanation of Changes	Footprint
ANG	12	3830	ATQZ069005	Fort Wayne IAP	IN	ASE, GP Shops & Weapons Release Facilities	52276F	218-712	7,000	2,000	Cost increase	New
ANG	14	3830	VUBV109002	Smoky Hill Range	KS	Range Training Support Facilities	52276F	171-472	10,000	0	New	New
ANG	15	3830	WEAS079054	Louisville IAP	KY	TFI - Contingency Response Group (CRG) Facility	52276F	442-758	11,200	4,100	Cost increase	New
ANG	14	3830	RQLH079073	New Orleans NAS	LA	Replace Squadron Operations Facility	52276F	141-753	9,700	0	Accelerated from FY15	Existing
ANG	12	3830	AXQD059003	Barnes Municipal Airport	MA	Add To Aircraft Maintenance Hangar	52276F	211-111	6,000	0	Accelerated from FY14	Existing
ANG	14	3830	SPBN079047	Otis ANGB	MA	TFI -cNAF Beddown	52672F	610-285	7,800	0	New	Existing
ANG	12	3830	PJMS099091	Martin State Airport	MD	TFI - C-27 Conversion - Construct Squad Ops	51138F	141-753	6,400	0	New	New
ANG	12	3830	PJMS099092	Martin State Airport	MD	TFI - C-27 Conversion - Add to MX Shops	51138F	211-152	6,600	0	New	New
ANG	15	3830	FKNN059220	Bangor IAP	ME	Add to and Alter Fire Crash and Rescue Station	52276F	130-142	7,200	100	Cost increase	Existing
ANG	13	3830	MBMV089025	W. K. Kellogg Airport	MI	TFI - C-27 Conversion	51138F	211-179	5,700	0	New	New
ANG	15	3830	TDVG049136	Alpena County Regional Airport	MI	Replace Troop Training Quarters	52276F	725-517	10,000	0	New	Existing
ANG	15	3830	MBMV109016	W. K. Kellogg Airport	MI	Replace Operations and Training Facility	52276F	171-445	9,000	0	New	New
ANG	14	3830	FMKM089018	Duluth IAP	MN	Load Crew Training and Weapon Release Shops	52276F	215-552	8,248	248	Deferred from FY13	New
ANG	15	3830	LRXQ989041	Jackson IAP	MS	Security Forces and Medical Training	52276F	730-835	7,700	0	New	New
ANG	15	3830	MDVL069177	Key Field	MS	TFI - cNAF Beddown Phase I	52276F	610-285	10,469	669	Cost increase	New

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MAJCOM	FY	APPN	Project Number	Installation	State	Project Title	Program Element	Facility Category Code	Budget Amount ($000)	Change from FY10 PB	Explanation of Changes	Footprint
ANG	15	3830	FJRP089066	Charlotte - Douglas IAP	NC	Replace Squadron Operations Facilities	52276F	141-753	8,500	0		Existing
ANG	15	3830	KKGA069009	Hector Field	ND	Replace Operational and Training Facility	52276F	171-445	8,000	400	Cost increase	New
ANG	15	3830	SZCQ099004	Pease Tradeport	NH	Air Traffic Control Squadron Facility	52276F	171-447	7,900	0	New	New
ANG	14	3830	AQRC059093	Atlantic City IAP	NJ	Fuel Cell and Corrosion Control Hangar	52276F	211-179	8,800	300	Deferred from FY12; Cost increase	New
ANG	14	3830	AQRC069222	Atlantic City IAP	NJ	Dining Hall and Services Facility	52276F	722-351	8,400	0	Deferred from FY11	New
ANG	12	3830	PBXP089074	Mansfield MAP	OH	TFI - C-27 Conversion	51138F	171-211	6,500	0	New	New
ANG	13	3830	NLZG052101	Rickenbacker IAP	OH	Deployment Processing Facility	52276F	141-786	2,656	156	Accelerated from FY14; Cost increase	New
ANG	14	3830	NLZG069111	Rickenbacker	OH	Aircraft Support Equipment Storage	52276F	218-712	1,000	0	New	New
ANG	15	3830	BVGM092001	Blue Ash	OH	Upgrade Vehicle maintenance & comm complex	52276F	214-425	1,400	0	New	Existing
ANG	15	3830	WYTD029015	Toledo Express Airport	OH	Replace Security Forces Complex	52276F	730-835	7,300	(4,900)	Deferred from FY14; Removed Range Complex; Cost decrease	New
ANG	15	3830	WYTD109008	Toledo Express Airport	OH	Indoor Small Arms Range	52276F	171-475	4,900	0	Companion to Security Forces Complex	New
ANG	15	3830	KJAQ099058	Klamath IAP	OR	Replace Fire station	52276F	130-142	8,300	0	New	New
ANG	15	3830	LKLW099101	Fort Indian Town Gap	PA	Replace Ops, Training and Dining Hall Facilities	52276F	722-351	7,300	0	Deferred from FY14	Existing
ANG	15	3830	TWLR099087	Quonset State Airport	RI	C 130 Parking Apron	52276F	113-321	1,800	0	New	Existing

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FUTURE YEAR DEFENSE PROGRAM

MAJCOM	FY	APPN	Project Number	Installation	State	Project Title	Program Element	Facility Category Code	Budget Amount ($000)	Change from FY10 PB	Explanation of Changes	Footprint
ANG	14	3830	PSTE009070	McEntire Joint National Guard Base	SC	Replace Ops and Training	52276F	171-445	6,700	(300)	Accelerated from FY15; Cost decrease	Existing
ANG	14	3830	LUXC099042	Joe Foss Field	SD	Aircraft Maintenance Shops	52276F	217-713	9,000	2,580	Deferred from FY12; Cost increase	New
ANG	12	3830	AAAA089021	TBD	TBD	TFI - C-27 Training Facility	51138F	171-212	10,000	0	New	New
ANG	12	3830	PSXE069050	Mcghee -Tyson Airport	TN	Force Protection Measures- Relocate Hobbs Road	52276F	851-147	4,400	0	New	New
ANG	13	3830	BKTZ089013	Nashville IAP	TN	TFI - Establish C-130 FTU	54332F	171-211	6,900	0		Existing
ANG	15	3830	FWJH059016	Ellington Field	TX	Replace security Forces Facility	52276F	730-835	5,800	0	New	New
ANG	15	3830	CURZ059054	Burlington IAP	VT	Widen Taxiway Delta and Arm/Dearm Apron	52276F	112-211	8,000	0	New	New
ANG	15	3830	HTUV089012	General Mitchell IAP	WI	Replace Fire Station	52276F	130-142	8,300	300	Cost increase	New
ANG	15	3830	LYBH049066	Yeager Airport	WV	Force Protection - Relocate Road	52276F	851-000	13,000	5,500	Cost increase	New
ANG	15	3830	LYBH009133	Yeager Airport	WV	Replace Communications Training Facility	52276F	131-111	6,250	250	Cost increase	Existing
ANG	12	3830	--	Various Locations	--	Unspecified Minor Construction	52276F	--	2,544	(296)	Cost decrease (RMD 702)	--
ANG	13	3830	--	Various Locations	--	Unspecified Minor Construction	52276F	--	2,622	(205)	Cost decrease (RMD 702)	--
ANG	14	3830	--	Various Locations	--	Unspecified Minor Construction	52276F	--	1,614	(386)	Cost decrease (RMD 702)	--
ANG	15	3830	--	Various Locations	--	Unspecified Minor Construction	52276F	--	2,056	(927)	Cost decrease (RMD 702)	--
ANG	12	3830	--	Various Locations	--	Planning and Design	52276F	--	3,153	(297)	Cost decrease (RMD 702)	--
ANG	13	3830	--	Various Locations	--	Planning and Design	52276F	--	1,993	(205)	Cost decrease (RMD 702)	--
ANG	14	3830	--	Various Locations	--	Planning and Design	52276F	--	1,643	(387)	Cost decrease (RMD 702)	--
ANG	15	3830	--	Various Locations	--	Planning and Design	52276F	--	395	(927)	Cost decrease (RMD 702)	--