



Department of the Air Force

Military Construction Program

Fiscal Year (FY) 2007

Budget Estimates

February 2006

FY07

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Fiscal Year (FY) 2007
Budget Submission**

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Department Of The Air Force
Military Construction and Military Family Housing
Program Summary
Fiscal Year 2007

	Appropriation Request <u>(\$000s)</u>	Authorization Request <u>(\$000s)</u>
Military Construction	(Sec 2301)	(Sec 2304)
Inside the United States	844,838	760,538
Outside the United States	208,806	208,806
Planning and Design (10 USC 2807)	87,504	87,504
Unspecified Minor Construction (10 USC 2805)	<u>15,000</u>	<u>15,000</u>
Total Military Construction	\$ 1,156,148	\$ 1,071,848
Military Family Housing	(Sec 2302/2303)	(Sec 2304)
New Construction	766,159	766,159
Improvements	403,777	403,777
Planning and Design	13,202	13,202
Subtotal	\$ 1,183,138	\$ 1,183,138
Operations, Utilities, and Maintenance	595,876	595,876
Leasing	121,295	121,295
Privatization	37,899	37,899
Debt Payment	1	1
Subtotal	\$ 755,071	\$ 755,071
Total Military Family Housing	1,938,209	1,938,209
Grand Total Air Force	\$ 3,087,687	\$ 3,006,687

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(DOLLARS IN THOUSANDS)
INSIDE THE US

STATE/COUNTRY	INSTALLATION	PROJECT	APPROP REQUEST	AUTH REQUEST	PAGE
ALASKA	Eielson	Replace Chapel Center	\$ 14,400	\$ 14,400	26
		Fitness Center (ADAL)	\$ 23,900	\$ 23,900	29
	Eielson TOTAL:		<u>38,300</u>	<u>38,300</u>	
	Elmendorf	C-17 Maintenance Complex, Phase 2	\$ 30,000	0	33
		Dormitory (120 Rm)	\$ 21,000	\$ 21,000	37
		F-22A Corrosion Control/Low Observable/Composite Rpr	\$ 31,750	\$ 31,750	40
		F-22A Fighter Town East Infrastructure	\$ 3,350	\$ 3,350	43
	Elmendorf TOTAL:		<u>86,100</u>	<u>56,100</u>	
	ALASKA TOTAL:		<u>124,400</u>	<u>94,400</u>	
	ARIZONA	Davis-Monthan	CSAR Group HQ Facility	\$ 4,600	\$ 4,600
Davis-Monthan TOTAL:			<u>4,600</u>	<u>4,600</u>	
ARIZONA TOTAL:		<u>4,600</u>	<u>4,600</u>		
CALIFORNIA	Beale	Distributed Common Ground Station Operations Facility	\$ 28,000	\$ 28,000	51
		Beale TOTAL:		<u>28,000</u>	<u>28,000</u>
	Edwards	Main Base Runway, Phase 2	\$ 31,000	0	55
		Edwards TOTAL:		<u>31,000</u>	<u>0</u>
	Travis	C-17 Two-Bay Hangar	\$ 50,400	\$ 50,400	59
		C-17 Taxiway Lima	\$ 8,500	\$ 8,500	62
		C-17 Munitions Storage Facility	\$ 6,200	\$ 6,200	65
		C-17 Roads/Utilities	\$ 8,800	\$ 8,800	68
	Travis TOTAL:		<u>73,900</u>	<u>73,900</u>	
	CALIFORNIA TOTAL:		<u>132,900</u>	<u>101,900</u>	
COLORADO	Buckley	Consolidated Fuels Facility	\$ 10,700	\$ 10,700	72
		Buckley TOTAL:		<u>10,700</u>	<u>10,700</u>
	Schriever	Space Test and Evaluation Facility	\$ 21,000	\$ 21,000	76
Schriever TOTAL:		<u>21,000</u>	<u>21,000</u>		
COLORADO TOTAL:		<u>31,700</u>	<u>31,700</u>		
DELAWARE	Dover	C-17 Aircrew Life Support	\$ 7,400	\$ 7,400	80
		C-17 Engine Storage Facility	\$ 3,000	\$ 3,000	83
		C-17 Add/Alter Composite Maintenance Shop	\$ 2,600	\$ 2,600	86
		C-17 Alter Hangars	\$ 13,400	\$ 13,400	89
	Dover TOTAL:		<u>26,400</u>	<u>26,400</u>	
DELAWARE TOTAL:		<u>26,400</u>	<u>26,400</u>		

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STATE/COUNTRY	INSTALLATION	PROJECT	APPROP REQUEST	AUTH REQUEST	PAGE	
FLORIDA	Eglin	Replace Explosive Ordnance Disposal Complex	\$ 4,350	\$ 4,350	93	
		Dormitories (144 Rm)	\$ 15,000	\$ 15,000	96	
	Eglin TOTAL:			<u>19,350</u>	<u>19,350</u>	
	Hurlburt Field	Joint Operation Planning Facility	\$ 7,250	\$ 7,250	100	
		Add/Alter Security Force Operations	\$ 1,900	\$ 1,900	103	
		Vehicle Maintenance Facility (823 RHS)	\$ 7,000	\$ 7,000	106	
		Fire Crash/Rescue Station	\$ 6,400	\$ 6,400	109	
		Dormitory (50 Rm)	\$ 8,400	\$ 8,400	112	
		Realign Cruz Avenue	\$ 2,000	\$ 2,000	115	
	Hurlburt Field TOTAL:			<u>32,950</u>	<u>32,950</u>	
	MacDill	CENTCOM Joint Intel Center, Phase 2	\$ 23,300	0	119	
		Add To USCENTCOM	\$ 60,000	\$ 60,000	123	
		Dormitory (96 Rm)	\$ 11,000	\$ 11,000	126	
	MacDill TOTAL:			<u>94,300</u>	<u>71,000</u>	
	Tyndall	F-22A Weapons Tactical Trainer Addition	\$ 1,800	\$ 1,800	130	
Tyndall TOTAL:			<u>1,800</u>	<u>1,800</u>		
FLORIDA TOTAL:			<u>148,400</u>	<u>125,100</u>		
GEORGIA	Robins	Depot Maintenance Support Hangar (DMRT)	\$ 8,600	\$ 8,600	134	
		Advanced Metal Finishing Facility (DMRT)	\$ 30,000	\$ 30,000	137	
Robins TOTAL:			<u>38,600</u>	<u>38,600</u>		
GEORGIA TOTAL:			<u>38,600</u>	<u>38,600</u>		
HAWAII	Hickam	C-17 Fuel Cell Nose Dock	\$ 25,000	\$ 25,000	141	
		C-17 Restore Aircraft Apron and Access Road	\$ 3,538	\$ 3,538	144	
Hickam TOTAL:			<u>28,538</u>	<u>28,538</u>		
HAWAII TOTAL:			<u>28,538</u>	<u>28,538</u>		
ILLINOIS	Scott	Dormitory (120 Rm)	\$ 20,000	\$ 20,000	148	
		Scott TOTAL:			<u>20,000</u>	<u>20,000</u>
ILLINOIS TOTAL:			<u>20,000</u>	<u>20,000</u>		
KENTUCKY	Fort Knox	TACP ASOS Facility	\$ 3,500	\$ 3,500	152	
		Fort Knox TOTAL:			<u>3,500</u>	<u>3,500</u>
KENTUCKY TOTAL:			<u>3,500</u>	<u>3,500</u>		
MARYLAND	Andrews	Strategic Planning and Development Facility	\$ 29,000	\$ 29,000	156	
		Andrews TOTAL:			<u>29,000</u>	<u>29,000</u>
MARYLAND TOTAL:			<u>29,000</u>	<u>29,000</u>		
NEVADA	Indian Springs	Predator Various Facilities	\$ 23,923	\$ 23,923	160	
		Predator Various Facilities	\$ 26,000	\$ 26,000	163	
	Creech TOTAL:			<u>49,923</u>	<u>49,923</u>	
NEVADA TOTAL:			<u>49,923</u>	<u>49,923</u>		

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(DOLLARS IN THOUSANDS)
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STATE/COUNTRY	INSTALLATION	PROJECT	APPROP REQUEST	AUTH REQUEST	PAGE
NEW JERSEY	McGuire	C-17 NE Assault Landing Zone	\$ 15,500	\$ 15,500	167
		McGuire TOTAL:	<u>15,500</u>	<u>15,500</u>	
		NEW JERSEY TOTAL:	<u>15,500</u>	<u>15,500</u>	
OKLAHOMA	Altus	DAR - Repair McQueen Road	\$ 1,500	\$ 1,500	171
		Altus TOTAL:	<u>1,500</u>	<u>1,500</u>	
		OKLAHOMA TOTAL:	<u>1,500</u>	<u>1,500</u>	
SOUTH CAROLINA	Shaw	Dormitory (144 Rm)	\$ 16,000	\$ 16,000	175
		Aerospace Ground Equipment (AGE) Shop/Storage	\$ 6,200	\$ 6,200	178
		Shaw TOTAL:	<u>22,200</u>	<u>22,200</u>	
		SOUTH CAROLINA TOTAL:	<u>22,200</u>	<u>22,200</u>	
TEXAS	Fort Bliss	TACP ASOS and Weather Facility	\$ 8,500	\$ 8,500	182
		Fort Bliss TOTAL:	<u>8,500</u>	<u>8,500</u>	
	Lackland	Replace Telecommunications Switch / Admin	\$ 13,200	\$ 13,200	186
		Lackland TOTAL:	<u>13,200</u>	<u>13,200</u>	
		TEXAS TOTAL:	<u>21,700</u>	<u>21,700</u>	
UTAH	Hill	Add to Software Support Facility	\$ 20,000	\$ 20,000	190
		F-22A Fueled Composite Aircraft Overhaul/Testing Facility	\$ 26,000	\$ 26,000	193
		Armament Overhaul Facility	\$ 7,400	\$ 7,400	196
		Hill TOTAL:	<u>53,400</u>	<u>53,400</u>	
		UTAH TOTAL:	<u>53,400</u>	<u>53,400</u>	
VIRGINIA	Langley	Distributed Common Ground Station Operations Facility	\$ 47,700	\$ 47,700	200
		Dormitory (96 Rm)	\$ 10,000	\$ 10,000	203
		Langley TOTAL:	<u>57,700</u>	<u>57,700</u>	
		VIRGINIA TOTAL:	<u>57,700</u>	<u>57,700</u>	
WYOMING	FE Warren	Renovate Dormitory (320 Rm)	\$ 11,000	\$ 11,000	207
		FE Warren TOTAL:	<u>11,000</u>	<u>11,000</u>	
		WYOMING TOTAL:	<u>11,000</u>	<u>11,000</u>	
WW UNSPECIFIED	WW Unspecified	Common Battlefield Airman Training Complex (AETC)	\$14,200	\$14,200	210
		WW UNSPECIFIED TOTAL:	<u>14,200</u>	<u>14,200</u>	
CLASSIFIED	Various Locations	Classified Project - Special Evaluation Program	\$ 4,600	\$ 4,600	213
		Classified	\$ 3,377	\$ 3,377	215
		Classified	\$ 1,700	\$ 1,700	217
		Various Locations TOTAL:	<u>9,677</u>	<u>9,677</u>	
		CLASSIFIED TOTAL:	<u>9,677</u>	<u>9,677</u>	
		INSIDE THE US TOTAL:	<u>844,838</u>	<u>760,538</u>	

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(DOLLARS IN THOUSANDS)
OUTSIDE THE U.S.

STATE/COUNTRY	INSTALLATION	PROJECT	APPROP REQUEST	AUTH REQUEST	PAGE
GERMANY	Ramstein	Ramp 1, Phase 2	\$ 27,850	\$ 27,850	220
		C-130J Dual-Bay Maintenance Hangar	\$ 22,000	\$ 22,000	223
		C-130J Aircraft Parts Storage	\$ 3,300	\$ 3,300	226
Ramstein TOTAL:			<u>53,150</u>	<u>53,150</u>	
GERMANY TOTAL:			<u>53,150</u>	<u>53,150</u>	
GUAM	Andersen	ISR/STF Large Vehicle Inspection Center / Access Road	\$ 15,500	\$ 15,500	230
		Upgrade Northwest Field Infrastructure, Phase 1	\$ 12,500	\$ 12,500	233
		Global Hawk Aircraft Maintenance and Operations Complex	\$ 52,800	\$ 52,800	236
Andersen TOTAL:			<u>80,800</u>	<u>80,800</u>	
GUAM TOTAL:			<u>80,800</u>	<u>80,800</u>	
KOREA	Kunsan	Dormitory (600 Rm)	46,700	46,700	240
		Kunsan TOTAL:			<u>46,700</u>
	Osan	Distributed Common Ground Station Intel Squad Ops Facility	\$ 2,156	\$ 2,156	244
Osan TOTAL:			<u>2,156</u>	<u>2,156</u>	
KOREA TOTAL:			<u>48,856</u>	<u>48,856</u>	
WW CLASSIFIED	WW Classified	Global Hawk Aircraft Maintenance and Operations Complex	\$ 26,000	\$ 26,000	247
WW CLASSIFIED TOTAL:			<u>26,000</u>	<u>26,000</u>	
WW CLASSIFIED TOTAL:			<u>26,000</u>	<u>26,000</u>	
OUTSIDE THE US TOTAL:			<u>208,806</u>	<u>208,806</u>	

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MILITARY CONSTRUCTION PROGRAM FISCAL YEAR 2007
(DOLLARS IN THOUSANDS)
WORLDWIDE

STATE/COUNTRY	INSTALLATION	PROJECT	APPROP REQUEST	AUTH REQUEST	PAGE
VARIOUS LOCATIONS	Various	P-341 Unspecified Minor Construction (Active)	87,504	87,504	251
		P&D - Planning & Design (Active)	15,000	15,000	253
		VARIOUS TOTAL:	<u>102,504</u>	<u>102,504</u>	
		INSIDE THE US TOTAL:	<u>844,838</u>	<u>760,538</u>	
		OUTSIDE THE US TOTAL:	<u>208,806</u>	<u>208,806</u>	
		FY 2007 TOTAL:	<u>1,156,148</u>	<u>1,071,848</u>	

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DEFINITIONS OF NEW AND CURRENT MISSION

NEW MISSION PROJECTS - New mission projects all support new and additional programs or initiatives that do not revitalize the existing physical plant. These projects support the deployment and beddown of new weapons systems; new or additional aircraft, missile, and space projects; and new equipment, i.e. radar, communication, computer satellite tracking and electronic security. Planning and design and unspecified minor construction (P-341) are also included in this category.

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

<u>FY07</u>	<u>APPROP</u> <u>(\$000)</u>	<u>AUTH FOR</u> <u>APPROP</u> <u>(\$000)</u>
NEW MISSION	\$525,094	\$525,094
CURRENT MISSION	\$528,550	\$528,550
PLANNING & DESIGN	\$87,504	\$87,504
MINOR CONSTRUCTION	<u>\$15,000</u>	<u>\$15,000</u>
TOTAL:	\$1,156,148	\$1,156,148

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MILITARY CONSTRUCTION PROGRAM FISCAL YEAR 2007
(DOLLARS IN THOUSANDS)
CURRENT MISSION/NEW MISSION BREAKOUT

STATE/COUNTRY	INSTALLATION	PROJECT	APPROP REQUEST	AUTH REQUEST	TYPE
ALASKA	Eielson	Replace Chapel Center	\$ 14,400	\$ 14,400	CM
ALASKA	Eielson	Fitness Center (ADAL)	\$ 23,900	\$ 23,900	CM
ALASKA	Elmendorf	Dormitory (120 RM)	\$ 21,000	\$ 21,000	CM
CALIFORNIA	Edwards	Main Base Runway, Phase 2	\$ 31,000	\$ -	CM
COLORADO	Buckley	Consolidated Fuels Facility	\$ 10,700	\$ 10,700	CM
COLORADO	Schriever	Space Test and Evaluation facility	\$ 21,000	\$ 21,000	CM
FLORIDA	Eglin	Replace Explosive Ordnance Disposal Complex	\$ 4,350	\$ 4,350	CM
FLORIDA	Eglin	Dormitories (144 Rm)	\$ 15,000	\$ 15,000	CM
FLORIDA	Hurlburt Field	Add/Alter Security Force Operations	\$ 1,900	\$ 1,900	CM
FLORIDA	Hurlburt Field	Fire Crash/Rescue Station	\$ 6,400	\$ 6,400	CM
FLORIDA	Hurlburt Field	Realign Cruz Avenue	\$ 2,000	\$ 2,000	CM
FLORIDA	Hurlburt Field	Vehicle Maintenance Facility (823 RHS)	\$ 7,000	\$ 7,000	CM
FLORIDA	Hurlburt Field	Dormitory (50 RM)	\$ 8,400	\$ 8,400	CM
FLORIDA	Hurlburt Field	Joint Operational Planning Facility	\$ 7,250	\$ 7,250	CM
FLORIDA	MacDill	Dormitory (96 Rm)	\$ 11,000	\$ 11,000	CM
FLORIDA	MacDill	Add To USCENCOM	\$ 60,000	\$ 60,000	CM
FLORIDA	MacDill	CENCOM Joint Intel Center, Phase 2	\$ 23,300	\$ -	CM
GEORGIA	Robins	Advanced Metal Finishing Facility (DMRT)	\$ 30,000	\$ 30,000	CM
GEORGIA	Robins	Depot Maintenance Support Hangar (DMRT)	\$ 8,600	\$ 8,600	CM
GERMANY	Ramstein	Ramp 1, Phase 2	\$ 27,850	\$ 27,850	CM
GUAM	Andersen	Upgrade Northwest Field Infrastructure, Phase 1	\$ 12,500	\$ 12,500	CM
ILLINOIS	Scott	Dormitory (120 RM)	\$ 20,000	\$ 20,000	CM
KOREA	Kunsan	Dormitory (600RM)	\$ 46,700	\$ 46,700	CM
MARYLAND	Andrews	Strategic Planning and Development Facility	\$ 29,000	\$ 29,000	CM
OKLAHOMA	Altus	DAR Repair McQueen Road	\$ 1,500	\$ 1,500	CM
SOUTH CAROLINA	Shaw	Dormitory (144 RM)	\$ 16,000	\$ 16,000	CM
SOUTH CAROLINA	Shaw	Aerospace Ground Equipment (AGE) Shop/Storage	\$ 6,200	\$ 6,200	CM
TEXAS	Lackland	Replace Telecommunications Switch / Admin	\$ 13,200	\$ 13,200	CM
UTAH	Hill	Armament Overhaul Facility (DMRT)	\$ 7,400	\$ 7,400	CM
UTAH	Hill	Add to Software Support Facility (DMRT)	\$ 20,000	\$ 20,000	CM
VIRGINIA	Langley	Dormitory (96 Rm)	\$ 10,000	\$ 10,000	CM
WYOMING	FE Warren	Renovate Dormitory (320 Rm)	\$ 11,000	\$ 11,000	CM
		Current Mission Total:	528,550	474,250	

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MILITARY CONSTRUCTION PROGRAM FISCAL YEAR 2007
(DOLLARS IN THOUSANDS)
CURRENT MISSION/NEW MISSION BREAKOUT

STATE/COUNTRY	INSTALLATION	PROJECT	APPROP REQUEST	AUTH REQUEST	TYPE
ALASKA	Elmendorf	F-22A Corrosion Control/Low Observable/Composite Rpr	\$ 31,750	\$ 31,750	NM
ALASKA	Elmendorf	C-17 Maintenance Complex, Phase 2	\$ 30,000	\$ -	NM
ALASKA	Elmendorf	F-22A Fighter Town East Infrastructure	\$ 3,350	\$ 3,350	NM
ARIZONA	Davis-Monthan	CSAR Group HQ Facility	\$ 4,600	\$ 4,600	NM
CALIFORNIA	Beale	Distributed Common Ground Station Operations Facility	\$ 28,000	\$ 28,000	NM
CALIFORNIA	Travis	C-17 Roads/Utilities	\$ 8,800	\$ 8,800	NM
CALIFORNIA	Travis	C-17 Taxiway Lima	\$ 8,500	\$ 8,500	NM
CALIFORNIA	Travis	C-17 Two-Bay Hangar	\$ 50,400	\$ 50,400	NM
CALIFORNIA	Travis	C-17 Munitions Storage Facility	\$ 6,200	\$ 6,200	NM
CLASSIFIED	Various	Classified	\$ 1,700	\$ 1,700	NM
CLASSIFIED	Various	Classified Project - Special Evaluation Program	\$ 4,600	\$ 4,600	NM
CLASSIFIED	Various	Classified	\$ 3,377	\$ 3,377	NM
DELAWARE	Dover	C-17 Add/Alter Composite Maintenance Shop	\$ 2,600	\$ 2,600	NM
DELAWARE	Dover	C-17 Alter Hangars	\$ 13,400	\$ 13,400	NM
DELAWARE	Dover	C17 Engine Storage Facility	\$ 3,000	\$ 3,000	NM
DELAWARE	Dover	C-17 Aircrew Life Support	\$ 7,400	\$ 7,400	NM
FLORIDA	Tyndall	F-22A Weapons Tactical Trainer Addition	\$ 1,800	\$ 1,800	NM
GERMANY	Ramstein	C-130J Dual-Bay Maintenance Hangar	\$ 22,000	\$ 22,000	NM
GERMANY	Ramstein	C-130J Aircraft Parts Storage	\$ 3,300	\$ 3,300	NM
GUAM	Andersen	Global Hawk Aircraft Maintenance and Operations Complex	\$ 52,800	\$ 52,800	NM
GUAM	Andersen	ISR/STF Large Vehicle Inspection Center / Access Road	\$ 15,500	\$ 15,500	NM
HAWAII	Hickam	C-17 Fuel Cell Nose Dock	\$ 25,000	\$ 25,000	NM
HAWAII	Hickam	C-17 Road Restoration	\$ 3,538	\$ 3,538	NM
KENTUCKY	Fort Knox	TACP ASOS Facility	\$ 3,500	\$ 3,500	NM
KOREA	Osan	Distributed Common Ground Station Intel Squad Ops Facility	\$ 2,156	\$ 2,156	NM
NEVADA	Indian Springs	Predator Various Facilities	\$ 26,000	\$ 26,000	NM
NEVADA	Indian Springs	Predator Various Facilities	\$ 23,923	\$ 23,923	NM
NEW JERSEY	McGuire	C-17 NE Assault Landing Zone	\$ 15,500	\$ 15,500	NM
TEXAS	Fort Bliss	TACP ASOS Weather Facility	\$ 8,500	\$ 8,500	NM
UTAH	Hill	F-22A Fueled Composite Aircraft Overhaul/Testing Facility	\$ 26,000	\$ 26,000	NM
VIRGINIA	Langley	Distributed Common Ground Station Operations Facility	\$ 47,700	\$ 47,700	NM
WW CLASSIFIED	USAFE	Global Hawk Aircraft Maintenance and Operations Complex	\$ 26,000	\$ 26,000	NM
WW UNSPECIFIED	WW Unspecified	Common Battlefield Airman Training Complex (AETC)	\$ 14,200	\$ 14,200	NM
		New Mission Total:	525,094	495,094	
VARIOUS LOCATIONS	Various	P-341 Unspecified Minor Construction (Active)	15,000	15,000	
VARIOUS LOCATIONS	Various	P&D - Planning & Design (Active)	87,504	87,504	
		Central Program Total	102,504	102,504	
		Total Active AF Program	1,156,148	1,071,848	

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**MILITARY CONSTRUCTION PROGRAM
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INSTALLATION INDEX**

INSTALLATION	COMMAND	STATE/COUNTRY	PAGE
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ANDERSEN	PACAF	GUAM	229
ANDREWS	AMC	MARYLAND	155
BEALE	ACC	CALIFORNIA	50
BUCKLEY	AFSPC	COLORADO	71
DAVIS-MONTHAN	ACC	ARIZONA	46
DOVER	AMC	DELAWARE	79
EDWARDS	AFMC	CALIFORNIA	54
EGLIN	AFMC	FLORIDA	92
EIELSON	PACAF	ALASKA	25
ELMENDORF	PACAF	ALASKA	32
F.E. WARREN	AFSPC	WYOMING	206
FT BLISS	ACC	TEXAS	181
FT KNOX	ACC	KENTUCKY	151
HICKAM	PACAF	HAWAII	140
HILL	AFMC	UTAH	189
HURLBURT FIELD	AFSOC	FLORIDA	99
KUNSAN	PACAF	KOREA	239
LACKLAND	AETC	TEXAS	185
LANGLEY	ACC	VIRGINIA	199
MACDILL	AMC	FLORIDA	118
MCGUIRE	AMC	NEW JERSEY	159
NELLIS	ACC	NEVADA	163
OSAN	PACAF	KOREA	243
RAMSTEIN	USAFE	GERMANY	219
ROBINS	AFMC	GEORGIA	133
SCHRIEVER	AFSPC	COLORADO	75
SCOTT	AMC	ILLINOIS	147
SHAW	ACC	SOUTH CAROLINA	174
TRAVIS	AMC	CALIFORNIA	58
TYNDALL	AETC	FLORIDA	129
VARIOUS	CA	VARIOUS	213
WW CLASSIFIED	USAFE	WW CLASSIFIED	247
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**DEPARTMENT OF THE AIR FORCE
MILITARY CONSTRUCTION PROGRAM
FISCAL YEAR 2007**

ECONOMIC CONSIDERATIONS

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

DESIGN FOR ACCESSIBILITY OF PHYSICALLY HANDICAPPED PERSONNEL

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

ENVIRONMENTAL STATEMENT

In accordance with Section 102(2) (c) of the National Environmental Policy Act of 1969 (PL 91-190), the environmental impact analysis process (EIAP) has been completed or is actively underway for all projects in the Air Force FY 2007 Military Construction Program.

EVALUATION OF FLOOD PLAINS AND WETLANDS

All projects in the program have been evaluated for compliance with Executive Orders 11988, Flood Plain Management, and 11990, Protection of Wetlands, and the Flood Plain Management Guidelines of U.S. Water Resources Council. Projects have been sited to avoid or reduce the risk of flood loss, minimize the impact of floods on human safety, health and welfare, preserve and enhance the natural and beneficial values of wetlands and minimize the destruction, loss or degradation of wetlands.

CONGRESSIONAL REPORTING REQUIREMENTS

1. STATEMENTS ON NATO ELIGIBILITY

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

2. STATEMENTS ON COMPLIANCE WITH CONSTRUCTION MANUAL 4210.1M

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

3. NEW AND CURRENT MISSION ACTIVITIES

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

4. RESOLUTION TRUST CORPORATION ASSETS

The FY 1991 Senate Armed Services Committee Report, 101-384, requested the Department to screen Resolution Trust Corporation assets to determine if proposed construction projects could be more economically met through the purchase of existing assets held by the Resolution Trust Corporation. The FY07 Military Construction program was compared to the current real estate asset inventory published by the Resolution Trust Corporation. It was determined, and the Department certified, that no assets exist that can be economically used in lieu of the FY07 projects requested.

5. REAL PROPERTY MAINTENANCE

The FY 1997 House Appropriations Committee Report, 104-591, page 11, requested the Department to provide the real property maintenance backlog at all installations for which there is a requested construction project. Each DD Form 1390 reflects this information in block 12. In addition, the report requested all troop housing requests to show all real property maintenance conducted in the past two years and all future requirements for unaccompanied housing at that installation. Each DD Form 1391 for troop housing reflects this information in block 11.

6. METRIC CONVERSION

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

FY 2007

NON-MILCON FUNDING

Research and Development (RDT&E)	NONE
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FY 2007

THIRD PARTY FINANCING

Test of long-term facilities contracts

NONE

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APPROPRIATIONS LANGUAGE

MILITARY CONSTRUCTION, AIR FORCE

For acquisition, construction, installation, and equipment of temporary or permanent public works, military installations, facilities, and real property of the Air Force as currently authorized by law \$1,156,148,000 to remain available until September 30, 2011: Provided that, of this amount, not to exceed \$87,504,000 shall be available for study, planning, design, architect and engineer services, as authorized by law, unless the Secretary of Defense determines that additional obligations are necessary for such purposes and notifies the Committees on Appropriations of both Houses of Congress of his determination and the reasons therefore.

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1. COMPONENT AIR FORCE	FY 2007 MILITARY CONSTRUCTION PROGRAM	2. DATE								
INSTALLATION AND LOCATION EIELSON AIR FORCE BASE ALASKA		5. AREA CONST COST INDEX 2.13								
6. Personnel Strength	PERMANENT			STUDENTS			SUPPORTED			TOTAL
	OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV	
	AS OF 30 SEP 05	425	3,845	945	0	0	0	1	1	
END FY 2010	414	3,715	773	0	0	0	1	1	0	4,904
7. INVENTORY DATA (\$000)										
Total Acreage:										19,940
Inventory Total as of : (30 Sep 04)										3,244,655
Authorization Not Yet in Inventory:										70,370
Authorization Requested in this Program:										38,300
Authorization Included in the Following Program: (FY 2008)										0
Planned in Next Three Years Program:										64,100
Remaining Deficiency:										349,300
Grand Total:										3,766,725
8. PROJECTS REQUESTED IN THIS PROGRAM: (FY 2007)										
CATEGORY						COST	DESIGN	STATUS		
<u>CODE</u>	<u>PROJECT TITLE</u>				<u>SCOPE</u>	<u>\$.000</u>	<u>START</u>	<u>CMPL</u>		
730-771	Replace Chapel Center				2,994 SM	14,400	May-05	Sep-06		
740-674	ADAL Physical Fitness Center				7,727 SM	23,900	Apr-05	Sep-06		
Total						38,300				
9a. Future Projects: Included in the Following Program: (FY2008)										
None										
9b. Future Projects: Typical Planned Next Three Years:										
740-669	Construct Youth Center				1,821 SM	10,100				
131-111	Consolidated Comm Facility				1 LS	27,500				
171-212	AEF F-16 Flight Simulator & Life Spt Fac				1,591 SM	16,600				
890-185	REPAIR UTILIDORS PH VIII				1 LS	9,900				
Total						64,100				
9c. Real Property Maintenance Backlog This Installation (\$M)										275
110. Mission or Major Functions: An host fighter wing supporting an F-16 squadron, an A/OA-10 squadron, and a training squadron, which conducts COPE THUNDER exercises. The installation also hosts an Air National Guard KC-135 air refueling squadron and a training group, which conducts arctic survival training.										
11. Outstanding pollution and Safety (OSHA Deficiencies:										
a. Air pollution				0						
b. Water Pollution				0						
c. Occupational Safety and Health				0						
d. Other Environmental				0						

1. COMPONENT AIR FORCE	FY 2007 MILITARY CONSTRUCTION PROJECT DATA (computer generated)			2. DATE	
3. INSTALLATION AND LOCATION EIELSON AIR FORCE BASE, ALASKA			4. PROJECT TITLE REPLACE CHAPEL CENTER		
5. PROGRAM ELEMENT 22176	6. CATEGORY CODE 730-773	7. PROJECT NUMBER FTQW981150R1	8. PROJECT COST (\$000) 14,400		
9. COST ESTIMATES					
ITEM		U/M	QUANTITY	UNIT	COST
CHAPEL CENTER					10,823
CHAPEL CENTER		SM	2,994	3,580	(10,719)
ANTITERRORISM/FORCE PROTECTION		SM	2,994	35	(105)
SUPPORTING FACILITIES					2,067
SITE IMPROVEMENTS		LS			(475)
UTILITIES		LS			(400)
PAVEMENTS		LS			(350)
COMMUNICATIONS SUPPORT		LS			(325)
DEMOLITION		SM	1,038	245	(254)
CONTAMINATED SOIL HANDLING		CY	1,500	175	(263)
SUBTOTAL					12,890
CONTINGENCY (5.0%)					645
TOTAL CONTRACT COST					13,535
SUPERVISION, INSPECTION AND OVERHEAD (6.5%)					880
TOTAL REQUEST					14,414
TOTAL REQUEST (ROUNDED)					14,400
10. Description of Proposed Construction: Reinforced concrete foundation, floor slab, masonry walls, standing seam metal roof, and fire detection/protection. Includes the chapel, administrative offices, support area, and religious education area. All necessary site work, utility connections, communications, parking, and landscaping. Antiterrorism force protection will be in accordance with local threat assessment. Demolishes one building (1,038 SM).					
11. Requirement: 2994 SM Adequate: 0 SM Substandard: 1038 SM					
PROJECT: Replace chapel center. (Current Mission)					
REQUIREMENT: An appropriately sized and configured chapel center to meet the requirements of the base population at a remote and isolated arctic base with extended severe winter climate. This is a quality of life requirement that directly impacts personnel morale, productivity, and retention that equates to mission readiness. Will meet facility requirements in the Religious Facilities Design Guide. Complies with DOD force protection requirements per the Unified Facilities Criteria.					
CURRENT SITUATION: The existing Eielson chapel is a kit facility that was initially planned for use in the Philippines. It was diverted and placed at Eielson AFB. Only through vigilant repair and preservation has the facility been able to stand up to the extreme sub-arctic weather conditions. This facility is laden with asbestos and lead containing materials which pose a risk to personnel and will be costly to deal with in demolition. The exterior of the facility requires extensive, costly annual maintenance to keep it safe and functional. Due to a shortage of adequate space, religious education classes are conducted in displaced classrooms leased from the Fairbanks North Star Borough School District. The chapel does not have adequate space for religious counseling and the chaplain staff are forced to operate from an alternate facility for					

1. COMPONENT AIR FORCE	FY 2007 MILITARY CONSTRUCTION PROJECT DATA (computer generated)		2. DATE
3. INSTALLATION AND LOCATION EIELSON AIR FORCE BASE, ALASKA		4. PROJECT TITLE REPLACE CHAPEL CENTER	
5. PROGRAM ELEMENT 22176	6. CATEGORY CODE 730-773	7. PROJECT NUMBER FTQW981150R1	8. PROJECT COST (\$000) 14,400
<p>these needs. The condition of the current chapel has forced worship services, religious education, and counseling to be held in three different facilities spread across the installation.</p> <p>IMPACT IF NOT PROVIDED: Continued use of the existing deteriorated base chapel and leased facilities will continue to adversely impact personnel quality of life, morale, productivity and mission readiness at this major AEF base. The base will continue to have to lease religious classroom space to meet community needs.</p> <p>ADDITIONAL: This project meets the scope/criteria specified in Air Force Handbook 32-1084 Facility Requirements and the Religious Facilities Design Guide. A preliminary analysis of reasonable options for accomplishing this project (status quo, renovation, upgrade/removal, new construction) was done. The analysis indicated there is only one option that will meet operational requirements. A certificate of exception has been prepared. Demolishes one building. Base Civil Engineer: Lt Col Dave Martinson, (907) 377-5213. Base Chapel: 2,994 SM = 32,211 SF.</p> <p>JOINT USE CERTIFICATION: This facility can be used by other components on an "as available" basis; however, the scope of the project is based on Air Force requirements.</p>			

1. COMPONENT AIR FORCE	FY 2007 MILITARY CONSTRUCTION PROJECT DATA (computer generated)		2. DATE
3. INSTALLATION AND LOCATION EIELSON AIR FORCE BASE, ALASKA		4. PROJECT TITLE REPLACE CHAPEL CENTER	
5. PROGRAM ELEMENT 22176	6. CATEGORY CODE 730-773	7. PROJECT NUMBER FTQW981150R1	8. PROJECT COST (\$000) 14,400
12. SUPPLEMENTAL DATA:			
a. Estimated Design Data:			
(1) Status:			
(a) Date Design Started			10-MAY-05
(b) Parametric Cost Estimates used to develop costs			YES
* (c) Percent Complete as of 01 JAN 2006			15%
* (d) Date 35% Designed			10-AUG-05
(e) Date Design Complete			10-SEP-06
(f) Energy Study/Life-Cycle analysis was/will be performed			YES
(2) Basis:			
(a) Standard or Definitive Design -			NO
(b) Where Design Was Most Recently Used -			
(3) Total Cost (c) = (a) + (b) or (d) + (e):			(\$000)
(a) Production of Plans and Specifications			864
(b) All Other Design Costs			432
(c) Total			1,296
(d) Contract			1,080
(e) In-house			216
(4) Construction Contract Award			07 JAN
(5) Construction Start			07 FEB
(6) Construction Completion			08 JUN
* Indicates completion of Project Definition with Parametric Cost Estimate which is comparable to traditional 35% design to ensure valid scope, cost and executability.			
b. Equipment associated with this project provided from other appropriations: N/A			

1. COMPONENT AIR FORCE	FY 2007 MILITARY CONSTRUCTION PROJECT DATA (computer generated)			2. DATE	
3. INSTALLATION AND LOCATION EIELSON AIR FORCE BASE, ALASKA			4. PROJECT TITLE ADAL PHYSICAL FITNESS CENTER		
5. PROGRAM ELEMENT 27596	6. CATEGORY CODE 740-674	7. PROJECT NUMBER FTQW053032	8. PROJECT COST (\$000) 23,900		
9. COST ESTIMATES					
ITEM		U/M	QUANTITY	UNIT	COST
PHYSICAL FITNESS CENTER					18,381
ADDITION		SM	5,265	3,155	(16,611)
ALTERATION		SM	3,171	495	(1,570)
ANTITERRORISM FORCE PROTECTION		SM	10,550	19	(200)
SUPPORTING FACILITIES					3,030
UTILITIES		LS			(855)
PAVEMENTS		LS			(600)
COMMUNICATIONS		LS			(200)
SITE IMPROVEMENTS		LS			(1,000)
PASSIVE FORCE PROTECTION		LS			(225)
CONTAMINATED SOIL DISPOSAL		LS			(150)
SUBTOTAL					21,411
CONTINGENCY (5.0%)					1,071
TOTAL CONTRACT COST					22,482
SUPERVISION, INSPECTION AND OVERHEAD (6.5%)					1,461
TOTAL REQUEST					23,943
TOTAL REQUEST (ROUNDED)					23,900
EQUIPMENT FROM OTHER APPROPRIATIONS (NON-ADD)					(450.0)
10. Description of Proposed Construction: Add to and alter existing fitness center to provide properly configured and sized facility, based on requirements from the Air Force Fitness Center Design Guide, dated 30 Dec 2005. Renovate current facility with 5,265 SM addition to the existing fitness center. The ADAL will contain the health and wellness center (HAWC), an indoor running track, group exercise space, racquetball courts, fitness equipment room, locker rooms, mechanical room, storage rooms and administration space. Includes contaminated soil remediation, and all required support facilities and utilities for a complete and usable fitness center. Facility will comply with minimum DOD standards for force protection.					
Air Conditioning: 50 Tons					
11. Requirement: 10550 SM Adequate: 2114 SM Substandard: 3171 SM					
PROJECT: Addition/Alter Fitness Center. (Current Mission)					
REQUIREMENT: Fitness center that meets current Air Force Fitness Center Design Guide. Facility will include a Health and Wellness Center (HAWC), and must be capable of meeting the training and testing requirements of the Air Force Chief of Staff's "Fit to Fight" program. This fitness center is a major Quality of Force consideration that directly impacts force retention and readiness. The addition gives all squadrons the necessary space to conduct group physical training, which is not possible with the existing facility.					
CURRENT SITUATION: Existing fitness center was constructed in 1954 and subsequently expanded to create the current facility configuration. Current layout of the major					

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3. INSTALLATION AND LOCATION EIELSON AIR FORCE BASE, ALASKA		4. PROJECT TITLE ADAL PHYSICAL FITNESS CENTER	
5. PROGRAM ELEMENT 27596	6. CATEGORY CODE 740-674	7. PROJECT NUMBER FTQW053032	8. PROJECT COST (\$000) 23,900
<p>program space and circulation routes are extremely inefficient and functionally flawed. The effect is a facility which appears large but lacks key functional requirements, rendering it unable to meet basic fitness needs of the base population. The facility has major building envelope deficiencies that cause extensive annual maintenance and repair, and is extremely inefficient in its energy consumption. The facility does not contain a HAWC or an indoor running space capable of supporting the Air Force Chief of Staff's "Fit to Fight" training and testing requirements. The existing pool is used for pilot survival and rescue team training and will be retained for continued use. The pool is not considered a core area of the fitness center under the current AF design guide and is therefore not included in the SM/SF area calculations.</p> <p>IMPACT IF NOT PROVIDED: Lack of an adequate fitness center will have a negative impact on force retention and readiness. Portions of the existing facility are beyond economical repair and cannot be reconfigured to meet current Air Force Fitness Center standards. Major Air Force quality of force programs such as an integrated HAWC and the training and testing facilities required for the Air Force Chief of Staff's "Fit to Fight" initiative will continue to be unavailable. The base populace will not have access to an adequate exercise and training facility.</p> <p>ADDITIONAL: This project meets the criteria/scope specified in Air Force Handbook 32-1084, "Facility Requirements." All known alternative options were considered during the development of this project. No other option could meet the mission requirement; therefore, no economic analysis was needed or performed. A certificate of exception has been prepared. Antiterrorism force protection features will be in accordance with local threat assessment. Base Civil Engineer: Lt Col David Martinson, DSN 377-5213. (Fitness Center: 10,550 SM = 113,560 SF, this includes 10% authorized increase in SM/SF due to higher utilization of the overseas facilities including Alaska, as per AFH 32-1084).</p> <p>JOINT USE CERTIFICATION: This facility will serve 3,000 authorized active duty Air Force personnel and families, totaling over 7,000 personnel. It also serves over 1,100 civilian employees and over 500 guardsmen and their families (over 1,300 total) from the 168th Air Refueling Wing. This facility may be used by other components on an "as available" basis; however, the scope is based on Air Force requirements.</p>			

1. COMPONENT AIR FORCE	FY 2007 MILITARY CONSTRUCTION PROJECT DATA (computer generated)		2. DATE
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5. PROGRAM ELEMENT 27596	6. CATEGORY CODE 740-674	7. PROJECT NUMBER FTQW053032	8. PROJECT COST (\$000) 23,900
12. SUPPLEMENTAL DATA:			
a. Estimated Design Data:			
(1) Status:			
(a) Date Design Started			23-APR-05
(b) Parametric Cost Estimates used to develop costs			YES
* (c) Percent Complete as of 01 JAN 2006			15%
* (d) Date 35% Designed			10-AUG-05
(e) Date Design Complete			10-SEP-06
(f) Energy Study/Life-Cycle analysis was/will be performed			YES
(2) Basis:			
(a) Standard or Definitive Design -			NO
(b) Where Design Was Most Recently Used -			
(3) Total Cost (c) = (a) + (b) or (d) + (e):			(\$000)
(a) Production of Plans and Specifications			1,434
(b) All Other Design Costs			717
(c) Total			2,151
(d) Contract			1,791
(e) In-house			360
(4) Construction Contract Award			07 JAN
(5) Construction Start			07 FEB
(6) Construction Completion			09 FEB
* Indicates completion of Project Definition with Parametric Cost Estimate which is comparable to traditional 35% design to ensure valid scope, cost and executability.			
b. Equipment associated with this project provided from other appropriations:			
EQUIPMENT NOMENCLATURE	PROCURING APPROPRIATION	FISCAL YEAR APPROPRIATED OR REQUESTED	COST (\$000)
COMMUNICATIONS EQUIPMENT	3400	2007	50
FURNISHINGS/EQUIPMENT	3400	2007	400

1. COMPONENT AIR FORCE		FY 2007 MILITARY CONSTRUCTION PROGRAM						2. DATE		
INSTALLATION AND LOCATION ELMENDORF AIR FORCE BASE ALASKA				COMMAND: PACIFIC AIR FORCES			5. AREA CONST COST INDEX 1.67			
6. Personnel Strength AS OF 30 SEP 05 END FY 2010	PERMANENT			STUDENTS			SUPPORTED			TOTAL
	OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV	
	909	6,542	1,778	0	63	0	117	393	2,300	
	904	6,365	1,724	0	63	0	117	393	2,300	11,866
7. INVENTORY DATA (\$000)										
Total Acreage: 13,123										
Inventory Total as of : (30 Sep 04) 7,087,740										
Authorization Not Yet in Inventory: 12,060										
Authorization Requested in this Program: 86,100										
Authorization Included in the Following Program: (FY 2008) 0										
Planned in Next Three Years Program: 107,006										
Remaining Deficiency: 196,900										
Grand Total: 7,489,806										
8. PROJECTS REQUESTED IN THIS PROGRAM: (FY 2007)										
CATEGORY					COST	DESIGN	STATUS			
CODE	PROJECT TITLE	SCOPE		\$,000	START	CMP				
211-159	C-17 MAINTENANCE COMPLEX, PHASE II	17,352 SM		30,000	May-05	Design-Build				
721-312	DORMITORY (120 RM)	120 RM		21,000	May-05	Design-Build				
211-159	F-22A CORROSION CTRL/LO MX/COMPOSI	3,619 SM		31,750	Sep-05	Sep-06				
842-245	F-22A FIGHTER TOWN EAST INFRASTRUC	1 LS		3,350	Aug-05	Sep-06				
Total				86,100						
9a. Future Projects: Included in the Following Program: (FY2008)										
None										
9b. Future Projects: Typical Planned Next Three Years:										
171-815	JOINT AF/ARMY REGIONAL PME CENTER	1,150 SM		25,000						
832-266	RPR ARCTIC UTIL & INFRA, PH 1	1 LS		9,900						
214-425	CONSTR AUTO VEHICLE WASH	464 SM		5,300						
721-315	COPE THUNDER DENALI LODGING	13,209 SM		16,500						
422-253	CONSTRUCT SEGREGATED MAGAZINE ST	825 SM		4,339						
217-712	REPLACE AVIONICS FACILITY	2,508 SM		14,700						
116-116	C-17 SHORT AUSTERE AIR FILED (ALLAN A	80,044 SM		15,767						
211-157	C-17 MAINT TRNG DEVICE FAC	2,630 SM		15,500						
Total				107,006						
9c. Real Property Maintenance Backlog This Installation (\$M) 200										
10. Mission or Major Functions: An host fighter wing supporting an three F-15C/E squadrons, a C-130H and 12F/J tactical airlift squadron, as well as E-3 airborne air control squadron. Also included is a full maintenance complex for all aircraft.										
11. Outstanding pollution and Safety (OSHA Deficiencies:										
a. Air pollution 0										
b. Water Pollution 0										
c. Occupational Safety and Health 0										
d. Other Environmental 0										

1. COMPONENT AIR FORCE	FY 2007 MILITARY CONSTRUCTION PROJECT DATA (computer generated)			2. DATE	
3. INSTALLATION AND LOCATION ELMENDORF AIR FORCE BASE, ALASKA			4. PROJECT TITLE C-17 MAINTENANCE COMPLEX, PHASE II		
5. PROGRAM ELEMENT 41130	6. CATEGORY CODE 211-159	7. PROJECT NUMBER FXSB053007B	8. PROJECT COST (\$000) APPN: 30,000		
9. COST ESTIMATES					
ITEM		U/M	QUANTITY	UNIT	COST
C-17 MAINTENANCE COMPLEX					68,596
PAINTING HANGAR BAY		SM	3,629	4,892	(17,753)
SQUADRON OPERATIONS		SM	3,309	2,755	(9,116)
GENERAL MAINTNENANCE HANGAR BAY		SM	3,345	4,732	(15,829)
MAINTENANCE SHOPS		SM	7,069	3,050	(21,560)
ANTITERRORISM FORCE PROTECTION		SM	17,352	250	(4,338)
SUPPORTING FACILITIES					6,519
UTILITIES		LS			(1,282)
PAVEMENTS		LS			(800)
SITE IMPROVEMENTS		LS			(885)
DEMOLITION		SM	3,062	393	(1,202)
CONTAMINATED SOIL REMEDIATION		LS			(615)
COMMUNICATIONS		LS			(525)
SPECIAL FOUNDATION		LS			(860)
PASSIVE FORCE PROTECTION		LS			(350)
SUBTOTAL					75,115
CONTINGENCY (5.0%)					3,756
TOTAL CONTRACT COST					78,871
SUPERVISION, INSPECTION AND OVERHEAD (6.5%)					5,127
TOTAL REQUEST					83,998
TOTAL REQUEST (ROUNDED)					84,000
EQUIPMENT FROM OTHER APPROPRIATIONS (NON-ADD)					(1,750)
10. Description of Proposed Construction: Reinforced concrete foundation, structural steel frame, floor slabs, insulated metal walls, and roof. Structure to be an enclosed C-17 maintenance complex that includes two hangar bays (one washing and general maintenance, the other for painting) with primary jacking points, inspection and maintenance shops, supervisory space, tool cribs, squadron operations and administration, training, reference, dispatch, and analysis areas; aircrew area with lockers, scheduling, life support, debriefing, and ready rooms; mechanical areas, utilities, communications, renewable energy measures; fire protection, detection and suppression systems; contaminated soil remediation, parking, access roads, apron, demolition of a nose dock hangar, and all necessary support facilities and utilities. Complies with DOD force protection requirements.					
11. Requirement: 17352 SM Adequate: 0 SM Substandard: 0 SM					
<u>PROJECT:</u> Construct an aircraft maintenance complex, phase 2. (New mission)					
<u>REQUIREMENT:</u> Elmendorf AFB requires a maintenance complex to support the new C-17 aircraft beddown. Arctic weather often restricts flight line operations for routine maintenance such as aircraft jacking for tire/brake changes, control surface work and general maintenance workload requirements. A hangar bay is needed for maintenance					

1. COMPONENT AIR FORCE	FY 2007 MILITARY CONSTRUCTION PROJECT DATA (computer generated)			2. DATE
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5. PROGRAM ELEMENT 41130	6. CATEGORY CODE 211-159	7. PROJECT NUMBER FXSB053007B	8. PROJECT COST (\$000) APPN: 30,000	
<p>operations and aircraft washing, regardless of external weather conditions. Heavy maintenance workload, such as control surface changes or landing gear removal, is required to be accomplished with proper jacking conditions, aircraft leveling, and use of overhead crane capability. This type of work drives the requirement for special foundations. This bay includes an indoor wash rack. Mandatory C-17 maintenance inspections by aircraft maintenance specialists are most effective when carried out at an established aircraft dock in a covered hangar work area. The maintenance complex includes a flightline maintenance shop that facilitates effective and safe C-17 maintenance management, administration, span of control, flightline dispatch, and aircrew support and transportation. This facility requires the capability for structural repair, composite repair, repair and reclamation, pneudraulics, environmental controls, and electrical systems, which are required to maintain and repair parts on the C-17s. This capability will involve machine shops, a sheet metal shop, a composite metal shop, a corrosion control shop, and a non-destructive inspection (NDI) shop for off aircraft work on small parts. The second hangar bay is needed for painting. This complex also includes space for squadron operations. Contaminated soil remediation is expected on this project due to the presence of an abandoned fire training pit in the construction area. The aircraft are scheduled to arrive in the fourth quarter of FY07.</p> <p><u>CURRENT SITUATION:</u> The base has no facility that can provide the required full enclosure necessary for C-17 maintenance and painting requirements. There are no local work around alternatives to remedy this situation. The maintenance of C-17 and its exterior composite materials is a new requirement at Elmendorf. No composite material shop exists on base to comply with C-17 technical order requirements, and no current shop space exists that could adequately be converted to meet C-17 composite maintenance requirements. This work cannot be performed under uncontrolled environmental conditions. Because of Elmendorf's arctic location it is imperative that aircraft be inside for most scheduled maintenance and much unscheduled maintenance. Working on aircraft with gloves is not possible in most cases. Also, because of the size of many C-17s parts and panels, the existing maintenance support shops are too small to bring the parts inside.</p> <p><u>IMPACT IF NOT PROVIDED:</u> Without this complex, proper beddown of the C-17 at Elmendorf AFB will not be possible, and full mission capability will not be reached. Adequate aircraft maintenance on the C-17 cannot be performed in accordance with technical orders or in an efficient manner resulting in degradation to mission capability and higher than necessary safety risks from working in arctic weather conditions. Without this complex many maintenance functions would have to be performed at other locations, which takes aircraft out of normal schedule rotations. Reliance on off station corrosion control and associated maintenance requirements would have a negative impact on aircraft availability, operational training, efficient maintenance scheduling and mission capability.</p> <p><u>ADDITIONAL:</u> Due to the size and cost of this project, and considering the short Alaskan construction season, incremental funding across two fiscal years is recommended. This project meets the scope/criteria specified in Air Force Handbook 32-1084, "Facility Requirements". A preliminary analysis of reasonable options for satisfying this requirement indicates that only one option will meet mission needs. Therefore, a complete economic analysis was not performed. A certificate of exception has been prepared. Base Civil Engineer: Colonel Chris Thelen: (907) 552-3007. (Maintenance</p>				

1. COMPONENT AIR FORCE	FY 2007 MILITARY CONSTRUCTION PROJECT DATA (computer generated)		2. DATE									
3. INSTALLATION AND LOCATION ELMENDORF AIR FORCE BASE, ALASKA		4. PROJECT TITLE C-17 MAINTENANCE COMPLEX, PHASE II										
5. PROGRAM ELEMENT 41130	6. CATEGORY CODE 211-159	7. PROJECT NUMBER FXSB053007B	8. PROJECT COST (\$000) APPN: 30,000									
<p>Complex: 17,352 SM = 186,777 SF). This Phase II (FY07) Appropriation is \$30,000,000 and Phase I (FY06) Appropriation was \$54,000,000.</p> <p><u>JOINT USE CERTIFICATION:</u> This facility can be used by other components on an "as available" basis; however, the scope is based on Air Force requirements.</p> <p>AUTHORIZATION AND APPROPRIATION SUMMARY:</p> <table data-bbox="678 590 1062 678"> <tr> <td></td> <td>APPROVED BY</td> <td></td> </tr> <tr> <td></td> <td>CONGRESS</td> <td>REQUESTED</td> </tr> <tr> <td></td> <td>FY 2006</td> <td>FY 2007</td> </tr> </table> <p>AUTHORIZATION OF THE PROJECT: \$84.0M 0</p> <p>AUTHORIZATION FOR APPROPRIATION: \$54.0M \$30.0M</p> <p>APPROPRIATION: \$54.0M \$30.0M</p>					APPROVED BY			CONGRESS	REQUESTED		FY 2006	FY 2007
	APPROVED BY											
	CONGRESS	REQUESTED										
	FY 2006	FY 2007										

1. COMPONENT AIR FORCE	FY 2007 MILITARY CONSTRUCTION PROJECT DATA (computer generated)		2. DATE
3. INSTALLATION AND LOCATION ELMENDORF AIR FORCE BASE, ALASKA		4. PROJECT TITLE C-17 MAINTENANCE COMPLEX, PHASE II	
5. PROGRAM ELEMENT 41130	6. CATEGORY CODE 211-159	7. PROJECT NUMBER FXSB053007B	8. PROJECT COST (\$000) APPN: 30,000
12. SUPPLEMENTAL DATA:			
a. Estimated Design Data:			
(1) Project to be accomplished by design-build procedures			
(2) Basis:			
(a) Standard or Definitive Design -			NO
(b) Where Design Was Most Recently Used -			
(3) All Other Design Costs			1,500
(4) Construction Contract Award			07 JAN
(5) Construction Start			07 FEB
(6) Construction Completion			09 FEB
(7) Energy Study/Life-Cycle analysis was/will be performed			YES
b. Equipment associated with this project provided from other appropriations:			
EQUIPMENT NOMENCLATURE	PROCURING APPRO	FISCAL YEAR APPROPRIATED OR REQUESTED	COST (\$000)
MAINT EQUIPMENT AND FURNISHING	3400	2006	1,500
COMMUNICATIONS EQUIPMENT	3400	2006	250

1. COMPONENT AIR FORCE	FY 2007 MILITARY CONSTRUCTION PROJECT DATA (computer generated)			2. DATE	
3. INSTALLATION AND LOCATION ELMENDORF AIR FORCE BASE, ALASKA			4. PROJECT TITLE DORMITORY (120 RM)		
5. PROGRAM ELEMENT 27596	6. CATEGORY CODE 721-312	7. PROJECT NUMBER FXSB073006	8. PROJECT COST (\$000) 21,000		
9. COST ESTIMATES					
ITEM		U/M	QUANTITY	UNIT	COST
DORMITORY (120 RM)					13,845
DORMITORY		SM	4,200	3,240	(13,608)
ANTITERRORISM/FORCE PROTECTION		SM	4,200	56	(237)
SUPPORTING FACILITIES					5,014
UTILITIES		LS			(610)
COMMUNICATIONS		LS			(400)
SITE IMPROVEMENTS		LS			(648)
PAVEMENTS		LS			(1,668)
ENVIRONMENTAL CLEANUP		LS			(600)
DEMOLITION		SM	6,219	175	(1,088)
SUBTOTAL					18,859
CONTINGENCY (5.0%)					943
TOTAL CONTRACT COST					19,802
SUPERVISION, INSPECTION AND OVERHEAD (6.5%)					1,287
TOTAL REQUEST					21,089
TOTAL REQUEST (ROUNDED)					21,000
EQUIPMENT FROM OTHER APPROPRIATIONS (NON-ADD)					(603)
10. Description of Proposed Construction: A three-story building with basement. Reinforced concrete foundation and floor slabs, masonry walls, and roof. Install fire protection/detection and utilities systems. Dorm includes 4+1 "Dorms for Airmen" standard modules, laundry, storage, and lounge areas. Project also includes parking, roadway construction, a storage room with outside entrance, and landscaping. Demolish three buildings (6,219 SM) occupying the site. Includes all necessary support. Complies with DOD Force Protection requirements per the Unified Facilities Criteria. Grade Mix: E1-E4 120					
11. Requirement: 886 RM Adequate: 302 RM Substandard: 794 RM <u>PROJECT:</u> Construct a 120-room dormitory. (Current Mission) <u>REQUIREMENT:</u> One of the Air Force's major objectives is to provide unaccompanied enlisted personnel a living environment conducive to getting the rest and relaxation they need. Properly designed and furnished quarters, with some degree of individual privacy, are essential to the successful accomplishment of the increasingly complicated and important jobs our enlisted personnel perform. <u>CURRENT SITUATION:</u> Many of the existing dormitories are of Korean War vintage. They were designed to the standards of that day and consequently do not meet current day standards. Adequate on-base housing is especially important in Alaska because off-base housing in the Anchorage area is extremely expensive and much of the rental market that is affordable to our enlisted force is unacceptable by Air Force standards. Because of high cost of living, many personnel are forced further away from the base, traveling up to one hour each way in order to find affordable housing. Housing Airmen off-base					

1. COMPONENT AIR FORCE	FY 2007 MILITARY CONSTRUCTION PROJECT DATA (computer generated)		2. DATE
3. INSTALLATION AND LOCATION ELMENDORF AIR FORCE BASE, ALASKA		4. PROJECT TITLE DORMITORY (120 RM)	
5. PROGRAM ELEMENT 27596	6. CATEGORY CODE 721-312	7. PROJECT NUMBER FXSB073006	8. PROJECT COST (\$000) 21,000
<p>increases response time to real world and exercise contingencies. This problem is magnified during the severe winter months, when an Airman's ability to get to base is directly dependent upon public roadway conditions. Half of Elmendorf's unaccompanied junior enlisted force lives off-base, many in quarters considered substandard by Air Force standards. This project is part of the Air Force's dormitory modernization program.</p> <p><u>IMPACT IF NOT PROVIDED:</u> Additional dormitory space is a critical requirement. The shortage of modern dormitories on Elmendorf will continue to impact mission capability through increased response times and declining morale and job productivity.</p> <p><u>ADDITIONAL:</u> This project meets the scope/criteria specified in the new dorm standard established by OSD. A preliminary analysis of reasonable options for accomplishing this project (status quo, renovation, upgrade/removal, new construction) was done. It indicates there is only one option that will meet operational requirements. A certificate of exception has been prepared. Unaccompanied Housing R&M conducted: \$500K in FY05. Future Unaccompanied Housing R&M requirements (estimated): FY06 \$340K, FY07 \$158K, FY08 \$100K. Base Civil Engineer: Col. Richard Fryer, (907)552-3007. (120-RM Dormitory; 4,200 SM = 45,192 SF)</p> <p><u>JOINT USE CERTIFICATION:</u> This facility can be used by other components on an "as available" basis; however, the scope of the project is based on Air Force requirements.</p>			

1. COMPONENT AIR FORCE	FY 2007 MILITARY CONSTRUCTION PROJECT DATA (computer generated)		2. DATE
3. INSTALLATION AND LOCATION ELMENDORF AIR FORCE BASE, ALASKA		4. PROJECT TITLE DORMITORY (120 RM)	
5. PROGRAM ELEMENT 27596	6. CATEGORY CODE 721-312	7. PROJECT NUMBER FXSB073006	8. PROJECT COST (\$000) 21,000
12. SUPPLEMENTAL DATA:			
a. Estimated Design Data:			
(1) Project to be accomplished by design-build procedures			
(2) Basis:			
(a) Standard or Definitive Design -			NO
(b) Where Design Was Most Recently Used -			
(3) All Other Design Costs			630
(4) Construction Contract Award			07 JAN
(5) Construction Start			07 FEB
(6) Construction Completion			09 FEB
(7) Energy Study/Life-Cycle analysis was/will be performed			YES
b. Equipment associated with this project provided from other appropriations:			
EQUIPMENT NOMENCLATURE	PROCURING APPRO	FISCAL YEAR APPROPRIATED OR REQUESTED	COST (\$000)
FURNISHINGS	3400	2007	603

1. COMPONENT AIR FORCE	FY 2007 MILITARY CONSTRUCTION PROJECT DATA (computer generated)			2. DATE
3. INSTALLATION AND LOCATION ELMENDORF AIR FORCE BASE, ALASKA		4. PROJECT TITLE F-22A CORROSION CTRL/LO MX/COMPOSITE REPAIR FAC		
5. PROGRAM ELEMENT 27138	6. CATEGORY CODE 211-159	7. PROJECT NUMBER FXSB073008A	8. PROJECT COST (\$000) 31,750	
9. COST ESTIMATES				
ITEM	U/M	QUANTITY	UNIT	COST
CORROSION CONTROL/LO MAINT/COMPOSITE RPR FAC				15,114
LO MAINTENANCE/COMPOSITE REPAIR FACILITY	SM	3,489	4,041	(14,099)
AIRCRAFT ACCESS APRON	SM	5,921	136	(804)
ANTITERRORISM/FORCE PROTECTION	SM	3,489	60	(211)
SUPPORTING FACILITIES				13,338
PAVEMENTS	LS			(294)
UTILITIES	LS			(945)
SITE IMPROVEMENTS	LS			(873)
DEMOLITION	SM	440	360	(158)
COMMUNICATIONS	LS			(456)
LOW-OBSERVABLE CLIMATE CONTROL	LS			(8,021)
REPLACE MINI-HAYMAN IGLOOS	SM	440	4,978	(2,190)
ARCHEOLOGICAL MONITORING	LS			(150)
ENVIRONMENTAL REMEDIATION	LS			(250)
SUBTOTAL				28,452
CONTINGENCY (5.0%)				1,423
TOTAL CONTRACT COST				29,874
SUPERVISION, INSPECTION AND OVERHEAD (6.5%)				1,942
TOTAL REQUEST				31,816
TOTAL REQUEST (ROUNDED)				31,750
EQUIPMENT FROM OTHER APPROPRIATIONS (NON-ADD)				(950)
<p>10. Description of Proposed Construction: Construct a concrete foundation meeting Alaska seismic and frost heaving requirements; structural steel frame with metal skin; two medium-bay hangars; an attached corrosion control shop/paint storage/mixing facility; a low observable training area; and a tow way/access apron for aircraft. Includes secure work areas, fire suppression/detection, intrusion detection system, environmental controls, utilities, pavements, parking, Priority Level 3 security requirements, and all necessary supporting facilities for a complete and usable facility. Demolishes one igloo facility (440 SM). Force protection will comply with UFC 4-010-01 DOD Minimum Anti-Terrorism Standards for Buildings."</p> <p>Air Conditioning: 100 Tons</p>				
<p>11. Requirement: 10767 SM Adequate: 126 SM Substandard: 4418 SM</p> <p><u>PROJECT:</u> Construct F-22A Low Observable (LO) Maintenance/Composite Repair Facility/Corrosion Control Hangar. (New Mission)</p> <p><u>REQUIREMENT:</u> An adequately sized and configured Corrosion Control / LO Maintenance / Composite Repair Facility is required to support the beddown of one squadron of F-22A fighter aircraft. Aircraft delivery is scheduled to start in Aug 2008 with an expected delivery rate of 2-3 aircraft per month. Aircraft delivery for the second squadron will</p>				

1. COMPONENT AIR FORCE	FY 2007 MILITARY CONSTRUCTION PROJECT DATA (computer generated)			2. DATE
3. INSTALLATION AND LOCATION ELMENDORF AIR FORCE BASE, ALASKA			4. PROJECT TITLE F-22A CORROSION CTRL/LO MX/COMPOSITE REPAIR FAC	
5. PROGRAM ELEMENT 27138	6. CATEGORY CODE 211-159	7. PROJECT NUMBER FXSB073008A	8. PROJECT COST (\$000) 31,750	

begin in August 2009. The F-22A's state-of-the-art composite materials have unique equipment and materials for maintenance and repair that require this specialized facility. The facility requires a special corrosion control insert for each LO bay, security measures, and specialized climate control system to regulate temperature, humidity, and air flow in support of LO maintenance operations. The facility must contain areas for corrosion inspection; on and off-aircraft LO restoration; LO restoration following maintenance; on-aircraft composite repair; and off-equipment training. Elmendorf requires a total of four LO bays to perform adequate maintenance for two fighter squadrons, due to the need to control aircraft surface and curing temperatures in a sub-arctic environment. This project will construct two LO bays; a second project will construct the additional bays required to fully support the maintenance requirement. Existing multi-cubicle magazines must be demolished and replaced at another location to eliminate an explosives quantity distance arc that overlaps facility siting.

CURRENT SITUATION: The existing corrosion control facility is too small for F-22A aircraft and cannot meet or support the specialized maintenance and repair requirements of the F-22A. The existing facility is also still required to support the continuing F-15 mission. The current multi-cubicle magazine is licensed for, and used to store munitions with a 381-meter quantity-distance arc. The arc overlaps most of the proposed location of the proposed LO/CRF site and the projected siting for the aircraft's other maintenance facilities.

IMPACT IF NOT PROVIDED: Essential daily and periodic maintenance and repair of the F-22A cannot be performed. All LO maintenance would have to be performed "on-aircraft" in a general purpose, multi-aircraft maintenance hangar. Though this works at warmer bases, during winter the existing hangar cannot maintain the temperatures required to make the F-22A operationally stealthy, severely degrading its mission effectiveness. In addition, the LO cure time would be violated if the hangar doors were to open for other aircraft, thereby rendering the repair ineffective. There are no known workarounds for the unique maintenance requirements of the F-22A aircraft.

ADDITIONAL: As stated above, the base has a total requirement for four LO bays to support two operational squadrons, due to weather considerations. A second project (FXSB073008B) will provide the two remaining bays. Each project is programmed to provide a complete and usable facility. This project meets the criteria/scope specified in AFH 32-1084 and the "F-22 Facilities Requirements Plan" (October 2004). A preliminary analysis of reasonable options (status quo, upgrade/removal, new construction) for satisfying this requirement indicates that only one option will meet mission needs. Therefore, a complete economic analysis was not performed. A certificate of exception has been prepared. Antiterrorism force protection features will be in accordance with local threat assessment. Base Civil Engineer: Col Mike Haas (907) 552-3007. Corrosion control/LO Maintenance/Composite Repair Facility: 3,489 SM = 37,555 SF. Mini Hayman Igloo: 440 SM = 4,736 SF.

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

1. COMPONENT AIR FORCE	FY 2007 MILITARY CONSTRUCTION PROJECT DATA (computer generated)		2. DATE
3. INSTALLATION AND LOCATION ELMENDORF AIR FORCE BASE, ALASKA		4. PROJECT TITLE F-22A CORROSION CTRL/LO MX/COMPOSITE REPAIR FAC	
5. PROGRAM ELEMENT 27138	6. CATEGORY CODE 211-159	7. PROJECT NUMBER FXSB073008A	8. PROJECT COST (\$000) 31,750
12. SUPPLEMENTAL DATA:			
a. Estimated Design Data:			
(1) Project to be accomplished by design-build procedures			
(2) Basis:			
(a) Standard or Definitive Design -			NO
(b) Where Design Was Most Recently Used -			
(3) All Other Design Costs			953
(4) Construction Contract Award			06 DEC
(5) Construction Start			07 FEB
(6) Construction Completion			09 FEB
(7) Energy Study/Life-Cycle analysis was/will be performed			YES
b. Equipment associated with this project provided from other appropriations:			
EQUIPMENT NOMENCLATURE	PROCURING APPRO	FISCAL YEAR APPROPRIATED OR REQUESTED	COST (\$000)
FURNISHINGS	3400	2008	350
COMMUNICATIONS EQUIPMENT	3400	2008	150
EQUIPMENT	3400	2008	450

1. COMPONENT AIR FORCE	FY 2007 MILITARY CONSTRUCTION PROJECT DATA (computer generated)			2. DATE	
3. INSTALLATION AND LOCATION ELMENDORF AIR FORCE BASE, ALASKA		4. PROJECT TITLE F-22A FIGHTER TOWN EAST INFRASTRUCTURE			
5. PROGRAM ELEMENT 27138	6. CATEGORY CODE 842-245	7. PROJECT NUMBER FXSB073009	8. PROJECT COST (\$000) 3,350		
9. COST ESTIMATES					
ITEM		U/M	QUANTITY	UNIT	COST
F-22A FIGHTER TOWN EAST INFRASTRUCTURE					2,595
WATER DISTRIBUTION MAINS		LM	4,524	221	(1,001)
ELECTRICAL UNDERGROUND		LM	1,006	432	(435)
SANITARY SEWER/GAS DISTRIBUTION		LM	1,647	209	(345)
STORM DRAINAGE		LS			(135)
COMMUNICATIONS		LM	915	743	(680)
SUPPORTING FACILITIES					394
CLEAR AND GRUB		LS			(219)
ARCHEOLOGICAL MONITORING		LS			(75)
ENVIRONMENTAL REMEDIATION		LS			(100)
SUBTOTAL					2,989
CONTINGENCY (5.0%)					149
TOTAL CONTRACT COST					3,138
SUPERVISION, INSPECTION AND OVERHEAD (6.5%)					204
TOTAL REQUEST					3,342
TOTAL REQUEST (ROUNDED)					3,350
10. Description of Proposed Construction: Construct infrastructure and utility systems to include: looped water distribution system; concrete-encased electrical underground distribution system; new wastewater collection system with sewage pumping stations and force mains; upgrade the communications cable backbone and extend copper/fiber to the area; site grading; and installation of stormwater drainage infrastructure.					
11. Requirement: LS Adequate: LS Substandard: LS					
PROJECT: Construct and upgrade infrastructure and utility systems. (New Mission)					
REQUIREMENT: Adequate utilities and infrastructure, properly sized and configured, are required to support the beddown of the F-22A and its associated MILCON projects. The beddown will increase the demand on existing utility and infrastructure systems beyond current capacity. Upgrades to existing fire protection, water, sewage, power, and communications are required to ensure the adequacy and reliability of approximately 31,900 square meters of new facilities along the North Ramp. The aircraft delivery for the first squadron is scheduled to start in August 2008 and continue at a rate of 2-3 per month. The aircraft delivery is scheduled to flow directly into the second squadron's aircraft starting to arrive in approximately August 2009.					
CURRENT SITUATION: The existing infrastructure outside of the runway 6 clear zone and in the area of the proposed Fighter Town East is not adequate to support the facilities to be constructed for the F-22A beddown. The infrastructure currently located in this area is sufficient only for the existing Fighter Fuel Cell Maintenance facility. All new construction in this area will require the utility infrastructure provided by this project.					
IMPACT IF NOT PROVIDED:					

1. COMPONENT AIR FORCE	FY 2007 MILITARY CONSTRUCTION PROJECT DATA (computer generated)		2. DATE
3. INSTALLATION AND LOCATION ELMENDORF AIR FORCE BASE, ALASKA		4. PROJECT TITLE F-22A FIGHTER TOWN EAST INFRASTRUCTURE	
5. PROGRAM ELEMENT 27138	6. CATEGORY CODE 842-245	7. PROJECT NUMBER FXSB073009	8. PROJECT COST (\$000) 3,350
<p>Programmed F-22A projects cannot be constructed, or will not have basic utilities required to operate. Essential beddown facilities will not be complete and will negatively impact F-22A operational and maintenance capabilities. Transfer of information between new mission facilities cannot occur and will severely impact their operational capabilities.</p> <p>ADDITIONAL: This project meets the criteria specified in Part II of Military Handbook 1190, "Facility Planning and Design". A preliminary analysis of reasonable options for accomplishing this project (status quo, renovation, upgrade/removal, new construction) was done. It indicates there is only one option that will meet mission requirements. A certificate of exception has been prepared. Base Civil Engineer: Col Chris Thelen (907) 552-3007. Water Lines: 4,524 LM = 14,843 LF. Wastewater Lines: 580 LM = 1,900 LF. Gas Line: 1,067 SM = 3,500 LF. Communication Lines: 915 LM = 3,002 LF. Electrical underground: 1,006 LM = 3300 LF.</p> <p>JOINT USE CERTIFICATION: This is an installation utility/infrastructure project, and does not qualify for joint use at this location. However, all tenants on this installation will benefit by this project.</p>			

1. COMPONENT AIR FORCE	FY 2007 MILITARY CONSTRUCTION PROJECT DATA (computer generated)		2. DATE
3. INSTALLATION AND LOCATION ELMENDORF AIR FORCE BASE, ALASKA		4. PROJECT TITLE F-22A FIGHTER TOWN EAST INFRASTRUCTURE	
5. PROGRAM ELEMENT 27138	6. CATEGORY CODE 842-245	7. PROJECT NUMBER FXSB073009	8. PROJECT COST (\$000) 3,350
12. SUPPLEMENTAL DATA:			
a. Estimated Design Data:			
(1) Status:			
(a) Date Design Started			24-AUG-05
(b) Parametric Cost Estimates used to develop costs			YES
* (c) Percent Complete as of 01 JAN 2006			15%
* (d) Date 35% Designed			07-NOV-05
(e) Date Design Complete			30-SEP-06
(f) Energy Study/Life-Cycle analysis was/will be performed			YES
(2) Basis:			
(a) Standard or Definitive Design -			NO
(b) Where Design Was Most Recently Used -			
(3) Total Cost (c) = (a) + (b) or (d) + (e):			(\$000)
(a) Production of Plans and Specifications			201
(b) All Other Design Costs			101
(c) Total			302
(d) Contract			268
(e) In-house			34
(4) Construction Contract Award			06 DEC
(5) Construction Start			07 FEB
(6) Construction Completion			08 FEB
* Indicates completion of Project Definition with Parametric Cost Estimate which is comparable to traditional 35% design to ensure valid scope, cost and executability.			
b. Equipment associated with this project provided from other appropriations:			
N/A			

1. COMPONENT AIR FORCE			FY 2007 MILITARY CONSTRUCTION PROGRAM						2. DATE		
3. INSTALLATION AND LOCATION DAVIS-MONTHAN AIR FORCE BASE, ARIZONA				4. COMMAND: AIR COMBAT COMMAND			5. AREA CONST COST INDEX 0.99				
6. Personnel		PERMANENT			STUDENTS			SUPPORTED			TOTAL
Strength		OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV	
AS OF 30 SEP 05		1013	5686	1749	0	553	0	2	24	471	9,498
END FY 2010		1041	5856	1721	0	553	0	2	24	471	9,668
7. INVENTORY DATA (\$000)											
a. Total Acreage:		10,953									
b. Inventory Total as of : (30 Sep 05)											1,899,244
c. Authorization Not Yet in Inventory:											17,000
d. Authorization Requested in this Program:		(FY2007)									4,600
e. Authorization Included in the Following Program:		(FY 2008)									0
f. Planned in Next Three Years Program:											59,137
g. Remaining Deficiency:											111,000
h. Grand Total:											2,090,981
8. PROJECTS REQUESTED IN THIS PROGRAM: (FY 2007)											
CATEGORY							COST	DESIGN	STATUS		
<u>CODE</u>	<u>PROJECT TITLE</u>	<u>SCOPE</u>					<u>\$,000</u>	<u>START</u>	<u>CMPL</u>		
610-284	CSAR Group HQ Facility	1,914 SM					4,600	Apr-05	Sep-06		
9a. Future Projects: Included in the Following Program: (FY2008)											
None											
9b. Future Projects: Typical Planned Next Three Years:											
130-142	Fire/Crash Rescue Station	3,500	SM	13,400							
721-312	Dormitory (120 PN)	3,960	SM	12,000							
218-712	AGE Facility	6,657	SM	10,000							
211-111	AMARC Hangar	7,130	SM	16,537							
610-281	Consolidated Mission Support Center	3,300	SM	7,200							
9c. Real Property Maintenance Backlog This Installation: 89											
10. Mission or Major Functions: Headquarters 12th Air Force; a wing with two fighter training squadrons responsible for training all A/OA-10 aircrews; one A/OA-10 fighter squadron, two EC-130 electronic combat squadrons, a tactical air control wing; an Air Force Reserve HH-60 rescue squadron; and Air Force Material Command's Aerospace Maintenance and Regeneration Center.											
11. Outstanding Pollution and Safety (OSHA Deficiencies):											
a. Air pollution											0
b. Water Pollution											0
c. Occupational Safety and Health											0
d. Other Environmental											0

1. COMPONENT AIR FORCE	FY 2007 MILITARY CONSTRUCTION PROJECT DATA (computer generated)			2. DATE	
3. INSTALLATION AND LOCATION DAVIS-MONTHAN AIR FORCE BASE, ARIZONA		4. PROJECT TITLE CSAR GROUP HEADQUARTERS FACILITY			
5. PROGRAM ELEMENT 27224	6. CATEGORY CODE 610-243	7. PROJECT NUMBER FBNV073005	8. PROJECT COST (\$000) 4,600		
9. COST ESTIMATES					
ITEM		U/M	QUANTITY	UNIT	COST
CSAR GROUP HEADQUARTERS FACILITY					3,110
GROUP HEADQUARTERS FACILITY		SM	1,914	1,617	(3,095)
ANTITERRORISM FORCE PROTECTION		SM	1,914	8	(15)
SUPPORTING FACILITIES					1,057
UTILITIES		LS			(550)
PAVEMENTS		LS			(180)
SITE IMPROVEMENTS		LS			(250)
COMMUNICATION SUPPORT		LS			(50)
DEMOLITION RAIL ROAD		SM	600	45	(27)
SUBTOTAL					4,167
CONTINGENCY (5.0%)					208
TOTAL CONTRACT COST					4,375
SUPERVISION, INSPECTION AND OVERHEAD (5.7%)					249
TOTAL REQUEST					4,625
TOTAL REQUEST (ROUNDED)					4,600
EQUIPMENT FROM OTHER APPROPRIATIONS (NON-ADD)					(35.0)
10. Description of Proposed Construction: Split-face block with reinforced concrete foundation and floor slab, structural steel frame, and standing seam metal roof. Fire detection/protection, utilities, site improvement, landscaping, access roads, parking, and all necessary support. Comply with DOD force protection requirements per unified facilities criteria. Demolish rail road (600 SM). Air Conditioning: 65 Tons					
11. Requirement: 1914 SM Adequate: 0 SM Substandard: 0 SM PROJECT: Construct a CSAR group headquarters facility. (New Mission) REQUIREMENT: The Combat Search and Rescue (CSAR) headquarters requires an adequate space for planning, briefing, and supporting operations personnel. This mission also requires space to maintain life support, and crew rooms. Force protection will comply with DOD unified facilities criteria. CURRENT SITUATION: Davis-Monthan does not have any excess or adequate facilities to accommodate the new CSAR HQ mission. The headquarters personnel are currently working in a temporary modular facility that is inadequate in size, poorly configured, and located approximately a mile from the current C-130 flight operations and hangar facilities. This situation reduces communication and logistics efficiencies by 2-4 hour during flight operations and deployment preparations. The temporary facility is under lease for five years at an annual cost of \$350K. This facility was acquired in FY04. This temporary facility will be removed after the completion of this project. IMPACT IF NOT PROVIDED: The personnel will continue to operate in a temporary facility that is undersized and inadequately configured. Operational and deployment delays will persist. The temporary facility lease will remain to be a fiscal requirement until a					

1. COMPONENT AIR FORCE	FY 2007 MILITARY CONSTRUCTION PROJECT DATA (computer generated)		2. DATE
3. INSTALLATION AND LOCATION DAVIS-MONTHAN AIR FORCE BASE, ARIZONA		4. PROJECT TITLE CSAR GROUP HEADQUARTERS FACILITY	
5. PROGRAM ELEMENT 27224	6. CATEGORY CODE 610-243	7. PROJECT NUMBER FBNV073005	8. PROJECT COST (\$000) 4,600
<p>permanent facility can be constructed.</p> <p>ADDITIONAL: This project meets the criteria/scope specified in Air Force Handbook 32-1084, "Facility Requirements". A preliminary analysis of reasonable options for accomplishing this project (status quo, renovation, new construction) was done. The analysis indicates there is only one option that will meet operational requirements. A certificate of exception has been prepared. Base Civil Engineer: Lt Col Karl S Bosworth, (520)228-3401. CSAR Group HQ Facility: 1914 SM = 20594 SF.</p> <p>JOINT USE CERTIFICATION: Mission requirements, operational considerations, and location are incompatible with use by other components.</p>			

1. COMPONENT AIR FORCE	FY 2007 MILITARY CONSTRUCTION PROJECT DATA (computer generated)		2. DATE
3. INSTALLATION AND LOCATION DAVIS-MONTHAN AIR FORCE BASE, ARIZONA		4. PROJECT TITLE CSAR GROUP HEADQUARTERS FACILITY	
5. PROGRAM ELEMENT 27224	6. CATEGORY CODE 610-243	7. PROJECT NUMBER FBNV073005	8. PROJECT COST (\$000) 4,600
12. SUPPLEMENTAL DATA:			
a. Estimated Design Data:			
(1) Status:			
(a) Date Design Started			10-APR-05
(b) Parametric Cost Estimates used to develop costs			YES
* (c) Percent Complete as of 01 JAN 2006			15%
* (d) Date 35% Designed			10-SEP-05
(e) Date Design Complete			10-SEP-06
(f) Energy Study/Life-Cycle analysis was/will be performed			YES
(2) Basis:			
(a) Standard or Definitive Design -			NO
(b) Where Design Was Most Recently Used -			
(3) Total Cost (c) = (a) + (b) or (d) + (e):			(\$000)
(a) Production of Plans and Specifications			276
(b) All Other Design Costs			138
(c) Total			414
(d) Contract			345
(e) In-house			69
(4) Construction Contract Award			06 DEC
(5) Construction Start			07 JAN
(6) Construction Completion			08 FEB
* Indicates completion of Project Definition with Parametric Cost Estimate which is comparable to traditional 35% design to ensure valid scope, cost and executability.			
b. Equipment associated with this project provided from other appropriations:			
EQUIPMENT NOMENCLATURE	PROCURING APPROPRIATION	FISCAL YEAR APPROPRIATED OR REQUESTED	COST (\$000)
COMMUNICATION	3400	2007	10
FURNITURE	3400	2007	25

1. COMPONENT AIR FORCE		FY 2007 MILITARY CONSTRUCTION PROGRAM						2. DATE				
3. INSTALLATION AND LOCATION BEALE AIR FORCE BASE, CALIFORNIA				4. COMMAND: AIR COMBAT COMMAND			5. AREA CONST COST INDEX 1.27					
6. Personnel		PERMANENT			STUDENTS			SUPPORTED			TOTAL	
Strength		OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV		
AS OF 30 SEP 04		505	3719	1315	4	52	0	3	23	43	5,664	
END FY 2009		601	3994	1280	4	52	0	3	23	43	6,000	
7. INVENTORY DATA (\$000)												
a. Total Acreage:		23,026										
b. Inventory Total as of : (30 Sep 04)											1,708,639	
c. Authorization Not Yet in Inventory:											14,200	
d. Authorization Requested in this Program:											28,000	
e. Authorization Included in the Following Program: (FY 2008)											14,000	
f. Planned in Next Four Years Program:											19,790	
g. Remaining Deficiency:											90,700	
h. Grand Total:											1,875,329	
8. PROJECTS REQUESTED IN THIS PROGRAM: (FY 2007)												
CATEGORY								COST	DESIGN	STATUS		
<u>CODE</u>	<u>PROJECT TITLE</u>			<u>SCOPE</u>			<u>\$,000</u>	<u>START</u>	<u>CMPL</u>			
141-454	DCGS ADAL Operations Facility			8,400 SM			28,000	May-05	Jul-06			
9a. Future Projects: Included in the Following Program: (FY2008)												
740-884	Child Development Center			3,434 SM			14,000					
9b. Future Projects: Typical Planned Next Four Years:												
211-152	Repair Aircraft Maintenance Unit			11,604 SM			11,290					
211-111	Upgrade Maintenance Dock 4			1,640 SM			8,500					
9c. Real Property Maintenance Backlog This Installation:										64		
10. Mission or Major Functions: A reconnaissance wing which includes two U-2 reconnaissance squadrons, one of which is responsible for training all U-2 aircrews; a Contingency Airborne Reconnaissance System (CARS); an Air Fore Space Command missile warning squadron which operates one of the Phased Array Warning System (PAVE PAWS) radars; and an Air Force Reserve wing with KC-135 aircraft; and Global Hawk UAV.												
11. Outstanding Pollution and Safety (OSHA Deficiencies):												
a. Air pollution												
b. Water Pollution												
c. Occupational Safety and Health												
d. Other Environmental												

1. COMPONENT AIR FORCE	FY 2007 MILITARY CONSTRUCTION PROJECT DATA (computer generated)			2. DATE	
3. INSTALLATION AND LOCATION BEALE AIR FORCE BASE, CALIFORNIA		4. PROJECT TITLE DISTRIBUTED COMMON GROUND SYSTEM ADAL OPERATIONS FACILITY			
5. PROGRAM ELEMENT 35208	6. CATEGORY CODE 141-454	7. PROJECT NUMBER BAEY071006	8. PROJECT COST (\$000) 28,000		
9. COST ESTIMATES					
ITEM		U/M	QUANTITY	UNIT	COST
DCGS OPERATIONS FACILITY					21,106
OPERATIONS FACILITY ADDITION		SM	8,420	2,400	(20,208)
OPERATIONS FACILITY ALTERATION		SM	558	559	(312)
ANTITERRORISM/FORCE PROTECTION		SM	8,978	65	(586)
SUPPORTING FACILITIES					4,122
UTILITIES		LS			(750)
SITE IMPROVEMENTS		LS			(888)
PAVEMENTS		LS			(904)
DEMOLITION		SM	1,022	97	(99)
TEMPORARY WAREHOUSE		LS			(281)
COMMUNICATIONS SUPPORT		LS			(1,200)
SUBTOTAL					25,228
CONTINGENCY (5.0%)					1,261
TOTAL CONTRACT COST					26,489
SUPERVISION, INSPECTION AND OVERHEAD (5.7%)					1,510
TOTAL REQUEST					27,999
TOTAL REQUEST (ROUNDED)					28,000
10. Description of Proposed Construction: Addition will consist of a two-story metal framed facility, masonry walls, standing seam metal roof, concrete floor slab, utilities, fire detection/suppression system, intrusion alarms, pavements, site improvements, interior office walls and finishes, landscaping, communications support and parking. 1023 SM of the existng facility will be demolished and replaced by the addition to enable connecting the old portions of the facility with the new. Temporary warehouse space will be provided. Alteration will encompass the installation and reconfiguration of walls, and the upgrade of lighting, roofing, fire suppression and electrical systems for integration into the expansion. Force protection includes reinforced exterior walls and fully laminated windows.					
Air Conditioning: 407 Tons					
11. Requirement: 13290 SM Adequate: 3160 SM Substandard: 1580 SM					
PROJECT: Addition to and Alteration of Air Force Distributed Common Ground System (AF-DCGS) Operations Facility. (New Mission)					
REQUIREMENT: Adequate and functional space is required to collocate AF DCGS mission crews of up to 400 operators and support personnel, mission systems, and information to meet real-time and near-real-time, high ops tempo, in-garrison mission demands. Locate intelligence and support elements of the DCGS weapons system to meet mission near real time and real time demands. Facility must include space for 180 workstations and associated racks and communications equipment; mechanical space; warehouse space; and command staff offices. Facility must be sized to accomodate crew size based on number, duration, and frequency of world-wide intelligence, surveillance, and reconaissance					

1. COMPONENT AIR FORCE	FY 2007 MILITARY CONSTRUCTION PROJECT DATA (computer generated)			2. DATE
3. INSTALLATION AND LOCATION BEALE AIR FORCE BASE, CALIFORNIA			4. PROJECT TITLE DISTRIBUTED COMMON GROUND SYSTEM ADAL OPERATIONS FACILITY	
5. PROGRAM ELEMENT 35208	6. CATEGORY CODE 141-454	7. PROJECT NUMBER BAEY071006	8. PROJECT COST (\$000) 28,000	
<p>(ISR) sorties derived from programmed Air Force ISR sensors and detailed in the AF DCGS Master Plan. Facility required for permanent installation of multiple ground sensor platforms and associated control systems. 1152 SM of temporary warehouse space will provide swing space lost to alteration or demolition. A permanent warehouse facility will be constructed via another project.</p> <p>CURRENT SITUATION: Beginning in early FY06, mission equipment and crews will move from deployable shelters into temporary structures to facilitate a major AF DCGS system upgrade not supportable by the existing shelters. These temporary structures will physically separate mission crews, restrict maintenance flexibility, and cap the number of workstations that can be fielded. Based on new mission operations and mission reachback capability, existing facilities are not capable of accommodating large high-bay Top Secret/Secure, Compartmented Information mission operations. There are no excess facilities of adequate size or configuration available to support this mission beddown. However, the ACC Headquarters site survey team and base personnel identified a warehouse facility that will meet mission needs with an addition and alteration. Total force manpower for weapon system operation and support--consisting of one active duty group, two active duty squadrons, and one Air National Guard (ANG) squadron--will increase to 1074 by FY09. By FY10, total authorizations will number 889 full-time and 229 part-time.</p> <p>IMPACT IF NOT PROVIDED: Failure to provide a functional AF DCGS facility for the DCGS mission will result in mission failure as more sensors will be employed around the world than AF DCGS capability to operate them due to the limited space for operators and workstations in the temporary facilities. Theater warfighters will be at risk, as the physical crew separation imposed by temporary facilities introduces a delay in crew interaction when life-or-death information needs are measured in seconds. The AF DCGS weapon system will experience unacceptable mission downtime for required maintenance and upgrades due to limited room for hot spares and and maintenance work. AF DCGS mission degradation will ultimately deprive theater forces of critical, real-time data necessary for force protection and mission effectiveness, resulting in the cancelling on in-theater operations.</p> <p>ADDITIONAL: This project meets the criteria/scope specified in Air Force Handbook 32-1084, "Facility Requirements." A preliminary analysis of reasonable options for accomplishing this project (status quo, renovation, new construction) was done. It indicates there is only one option that will meet operational requirements. A certificate of exception has been prepared. Base Civil Engineer: Lt Col Gregory Long, DSN 368-2942. (Operations Facility Addition: 8,400 SM = 90,384 SF; Operations Facility Alteration: 560 SM = 6000 SF)</p> <p>JOINT USE CERTIFICATION: Mission requirements, operational considerations and location are incompatible with use by other components.</p>				

1. COMPONENT AIR FORCE	FY 2007 MILITARY CONSTRUCTION PROJECT DATA (computer generated)		2. DATE
3. INSTALLATION AND LOCATION BEALE AIR FORCE BASE, CALIFORNIA		4. PROJECT TITLE DISTRIBUTED COMMON GROUND SYSTEM ADAL OPERATIONS FACILITY	
5. PROGRAM ELEMENT 35208	6. CATEGORY CODE 141-454	7. PROJECT NUMBER BAEY071006	8. PROJECT COST (\$000) 28,000
12. SUPPLEMENTAL DATA:			
a. Estimated Design Data:			
(1) Status:			
(a) Date Design Started			04-MAY-05
(b) Parametric Cost Estimates used to develop costs			YES
* (c) Percent Complete as of 01 JAN 2006			15%
* (d) Date 35% Designed			10-AUG-05
(e) Date Design Complete			10-SEP-06
(f) Energy Study/Life-Cycle analysis was/will be performed			YES
(2) Basis:			
(a) Standard or Definitive Design -			NO
(b) Where Design Was Most Recently Used -			
(3) Total Cost (c) = (a) + (b) or (d) + (e):			(\$000)
(a) Production of Plans and Specifications			1,680
(b) All Other Design Costs			840
(c) Total			2,520
(d) Contract			2,100
(e) In-house			420
(4) Construction Contract Award			07 JAN
(5) Construction Start			07 FEB
(6) Construction Completion			09 FEB
* Indicates completion of Project Definition with Parametric Cost Estimate which is comparable to traditional 35% design to ensure valid scope, cost and executability.			
b. Equipment associated with this project provided from other appropriations: N/A			

1. COMPONENT AIR FORCE		FY 2007 MILITARY CONSTRUCTION PROGRAM					2. DATE			
3. INSTALLATION AND LOCATION EDWARDS AIR FORCE BASE CALIFORNIA			4. COMMAND: AIR FORCE MATERIEL COMMAND:			5. AREA CONST COST INDEX 1.29				
6. Personnel Strength AS OF 30 SEP 05 END FY 2010	PERMANENT			STUDENTS			SUPPORTED			TOTAL
	OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV	
	818	2477	5129				29	20	112	
	786	2333	5141				29	20	112	8,421
7. INVENTORY DATA (\$000)										
Total Acreage: 300,911										
Inventory Total as of : (30 Sep 05)										4,004,521
Authorization Not Yet in Inventory:										124,813
Authorization Requested in this Program: (FY2007)										31,000
Authorization Included in the Following Program: (FY 2008)										53,453
Planned in Next Three Years Program:										83,907
Remaining Deficiency:										45,861
Grand Total:										4,343,555
8. PROJECTS REQUESTED IN THIS PROGRAM: (FY 2007)										
CATEGORY										
CODE	PROJECT TITLE				SCOPE		COST \$,000	DESIGN START	STATUS CMPL	
111-111	Main Base Runway, Ph 2***				65 HE		31,000	Design	Build	
					Total		31,000			
***Congress authorized '06 w/three phased appropriations										
9a. Future Projects: Included in the Following Program: (FY2008)										
111-111	Main Base Runway, Ph 3***				65 HE		35,000	Design	Build	
740-674	Fitness Center				5,051 SM		18,453	Design	Build	
					Total		53,453			
***Congress authorized '06 w/three phased appropriations										
9b. Future Projects: Typical Planned Next Three Years:										
131-111	Distributed Network				754 SM		7,307			
	Telecommunications Facility									
311-171	Replace Engineering Technical Facility				5,888 SM		19,000			
311-171	Engne Test Cell Block Facility				2,026 SM		15,000			
318-614	Propulsion Energetics Science Lab				3,446 SM		14,600			
319-442	West Base Engineering Facility				4,978 SM		11,400			
422-258	Upgrade Munitions Complex				2,168 SM		8,300			
842-245	South Base Water Loop				3,353 M		1,300			
731-142	Flightline Fire Station				2,920 SM		7,000			
9c. Real Propery Maintenance Backlog This Installation										108
10. Mission or Major Functions: Air Force Flight Test Center which is responsible for flight test activities for all USAF aircraft and related avionics, flight control, and weapons systems; a test wing; an air base wing; Air Force Test Pilot School; the Propulsion Directorate of the Air Force Research Laboratory; a space surveillance squadron; and a landing site for the space shuttle.										
11. Outstanding pollution and Safety (OSHA Deficiencies):										
a. Air pollution										0
b. Water Pollution										0
c. Occupational Safety and Health										0
d. Other Environmental										0

DD Form 1390, 24 Jul 00

1. COMPONENT AIR FORCE	FY 2007 MILITARY CONSTRUCTION PROJECT DATA (computer generated)			2. DATE	
3. INSTALLATION AND LOCATION EDWARDS AIR FORCE BASE, CALIFORNIA		4. PROJECT TITLE MAIN BASE RUNWAY, PHASE 2			
5. PROGRAM ELEMENT 72806	6. CATEGORY CODE 111-111	7. PROJECT NUMBER FSPM013504A	8. PROJECT COST (\$000) APP: 31,000		
9. COST ESTIMATES					
ITEM		U/M	QUANTITY	UNIT	COST
REPLACE MAIN BASE RUNWAY					87,825
NEW TEMPORARY RUNWAY		SM	260,223	120	(31,227)
REPAIR EXISTING RUNWAY		SM	390,335	145	(56,599)
SUPPORTING FACILITIES					4,950
TAXIWAY CONNECTORS		LS			(1,100)
TURN AROUND PAD		LS			(450)
RELOCATE UTILITIES		LS			(2,100)
BAK-12 ARRESTING SYSTEM RELOCATION		LS			(1,300)
SUBTOTAL					92,775
CONTINGENCY (5.0%)					4,639
TOTAL CONTRACT COST					97,414
SUPERVISION, INSPECTION AND OVERHEAD (5.7%)					5,553
TOTAL REQUEST					102,967
TOTAL REQUEST (ROUNDED)					103,000
10. Description of Proposed Construction: Remove and replace the full width (300 feet) and length (15,000 feet) of the existing concrete main runway and asphalt shoulders. Replace with 20 inches thick concrete with 12 inch soil cement base. BAK-12 barriers and utilities. The repaired runway must be capable of supporting large aircraft including the B-52.					
11. Requirement: 390335 SM Adequate: 0 SM Substandard: 390335 SM					
<u>PROJECT:</u> Main base runway, phase 2. (Current Mission)					
<u>REQUIREMENT:</u> Edwards AFB requires a runway that can safely support a wide range of aircraft test operations, including launch and recovery of prototype aircraft, heavy aircraft operations to include the B-52 and KC-135, various forms of failure testing as well as recovery and transport of the NASA Space Shuttle. The existing runway operations must be maintained during any construction. Construction of a temporary runway is needed to allow transfer of all flight operations from the existing runway during construction.					
Missions that require a 15,000 ft runway include refused take-off testing of heavy aircraft, wet brake testing of heavy aircraft, hot weather operations of specific aircraft such as the T-38, and recovery and transport of the NASA Space Shuttle.					
<u>CURRENT SITUATION:</u> The main base runway which supports almost every flight operation at Edwards Air Force Base is nearly 50 years old and is rapidly degrading as a result of Alkali-Silica Reaction (ASR), a reaction between the cement and the aggregate that creates map cracking, scaling and spalling of the concrete. Increased sweeper operations and Foreign Object Debris (FOD) walks are necessary to eliminate concrete chunks several inches across that are routinely discovered. Emergency FOD repairs have forced runway closures affecting 10 to 15 flights for each closure. Pavement Condition Index (PCI) numbers are dropping rapidly, which is indicative of pavements nearing the end of their useful life. The runway will soon fail functionally and will no longer be safe for aircraft operations. In early FY03 the runway was evaluated by a tri-service team of					

1. COMPONENT AIR FORCE	FY 2007 MILITARY CONSTRUCTION PROJECT DATA (computer generated)		2. DATE												
3. INSTALLATION AND LOCATION EDWARDS AIR FORCE BASE, CALIFORNIA		4. PROJECT TITLE MAIN BASE RUNWAY, PHASE 2													
5. PROGRAM ELEMENT 72806	6. CATEGORY CODE 111-111	7. PROJECT NUMBER FSPM013504A	8. PROJECT COST (\$000) APPN: 31,000												
<p>experts who rated the pavement condition along the centerline as MARGINAL, with portions predicted to be UNSATISFACTORY within the next year. Functional failure of the runway is expected in 2008. No other runways at Edwards AFB can safely support the current and projected test operations without significant test mission delays. Temporary relocation of these missions is not feasible. However, many of the current and planned test missions can be supported by a new temporary runway.</p> <p><u>IMPACT IF NOT PROVIDED:</u> Without repair the existing runway will be unsafe for aircraft operations and require relocation of nearly all test missions at Edwards AFB. Test delays and increasing costs will result. The rapidly increasing FOD hazard will continue to endanger pilots, and increase the risk of damage to expensive one-of-a-kind aircraft and engines.</p> <p><u>ADDITIONAL:</u> This project meets the criteria/scope specified in Air Force Handbook 32-1084, "Facility Requirements". An economic analysis has been completed comparing the costs of various options. Base Civil Engineer: Mr. James E. Judkins, (661) 277- 2910. Repair existing runway: 390,335 SM = 4,200,000 SF. Phase 2 (FY07) Appropriation requested \$31,000,000 and Phase 3 (FY08) Appropriation required \$35,000,000.</p> <p><u>JOINT USE CERTIFICATION:</u> This is an installation utility/infrastructure project, and does not qualify for joint use at this location. However, all tenants on this installation are benefited by this project.</p> <p>AUTHORIZATION AND APPROPRIATION SUMMARY</p> <table border="0"> <thead> <tr> <th></th> <th>APPROVED BY CONGRESS FY 2006</th> <th>REQUESTED FY 2007</th> </tr> </thead> <tbody> <tr> <td>AUTHORIZATION OF THE PROJECT</td> <td>\$103.0M</td> <td>0</td> </tr> <tr> <td>AUTHORIZATION FOR APPROPRIATION</td> <td>\$37.0M</td> <td>\$31.0M</td> </tr> <tr> <td>APPROPRIATION</td> <td>\$37.0M</td> <td>\$31.0M</td> </tr> </tbody> </table>					APPROVED BY CONGRESS FY 2006	REQUESTED FY 2007	AUTHORIZATION OF THE PROJECT	\$103.0M	0	AUTHORIZATION FOR APPROPRIATION	\$37.0M	\$31.0M	APPROPRIATION	\$37.0M	\$31.0M
	APPROVED BY CONGRESS FY 2006	REQUESTED FY 2007													
AUTHORIZATION OF THE PROJECT	\$103.0M	0													
AUTHORIZATION FOR APPROPRIATION	\$37.0M	\$31.0M													
APPROPRIATION	\$37.0M	\$31.0M													

1. COMPONENT AIR FORCE	FY 2007 MILITARY CONSTRUCTION PROJECT DATA (computer generated)		2. DATE
3. INSTALLATION AND LOCATION EDWARDS AIR FORCE BASE, CALIFORNIA		4. PROJECT TITLE MAIN BASE RUNWAY, PHASE 2	
5. PROGRAM ELEMENT 72806	6. CATEGORY CODE 111-111	7. PROJECT NUMBER FSPM013504A	8. PROJECT COST (\$000) APPN: 31,000
<p>12. SUPPLEMENTAL DATA:</p> <p>a. Estimated Design Data:</p> <p>(1) Project to be accomplished by design-build procedures</p> <p>(2) Basis:</p> <p>(a) Standard or Definitive Design - NO</p> <p>(b) Where Design Was Most Recently Used -</p> <p>(3) All Other Design Costs 1,550</p> <p>(4) Construction Contract Award 07 FEB</p> <p>(5) Construction Start 07 APR</p> <p>(6) Construction Completion 08 SEP</p> <p>(7) Energy Study/Life-Cycle analysis was/will be performed NO</p> <p>b. Equipment associated with this project provided from other appropriations: N/A</p>			

1. COMPONENT AIR FORCE		FY 2007 MILITARY CONSTRUCTION PROGRAM					2. DATE			
3. INSTALLATION AND LOCATION TRAVIS AIR FORCE BASE CALIFORNIA			4. COMMAND: AIR MOBILITY COMMAND			5. AREA CONST COST INDEX 1.24				
6. Personnel Strength AS OF 30 SEP 05 END FY 2010	PERMANENT			STUDENTS			SUPPORTED			TOTAL
	OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV	
	1786	8955	2369	0	0	0	72	698	1158	
	1804	8900	2317	0	0	0	72	698	1158	15,038 14,949
7. INVENTORY DATA (\$000)										
Total Acreage: 6383										
Inventory Total as of : (30 Sep 05)										3,060,808
Authorization Not Yet in Inventory:										170,705
Authorization Requested in this Program:										73,900
Authorization Included in the Following Program: (FY 2008)										0
Planned in Next Three Years Program:										62,383
Remaining Deficiency:										88,100
Grand Total:										3,455,896
8. PROJECTS REQUESTED IN THIS PROGRAM: (FY 2007)										
CATEGORY					COST	DESIGN	STATUS			
CODE	PROJECT TITLE			SCOPE	\$,000	START	CMPL			
211-173	C-17 2-Bay Hangar			9,848 SM	50,400	Design - Build				
112-211	C-17 Taxiway Lima			34,608 SM	8,500	Mar-05	Sep-06			
216-642	C-17 Munitions Storage Facility			1,055 SM	6,200	Jun-05	Sep-06			
851-147	C-17 Roads/Utilities			32,550 SM	8,800	May-05	Sep-06			
					TOTAL	73,900				
9a. Future Projects: Included in the Following Program: (FY2008)										
None										
9b. Future Projects: Typical Planned Next Three Years:										
111-111	Repair Electrical & Runway 03R/21L			1 LS	38,000					
610-127	BCE Complex			11,044 SM	24,383					
					TOTAL	62,383				
9c. Real Property Maintenance Backlog This Installation (\$M)										170
10. Mission or Major Functions: HQ 15th Air Force; an air mobility wing with two C-5 squadrons and two KC-10 air refueling squadrons; an AFRC Associate air mobility wing; and David Grant Medical Center.										
11. Outstanding pollution and Safety (OSHA Deficiencies):										
a. Air pollution										0
b. Water Pollution										0
c. Occupational Safety and Health										0
d. Other Environmental										0

DD Form 1390, 24 Jul 00

1. COMPONENT AIR FORCE	FY 2007 MILITARY CONSTRUCTION PROJECT DATA (computer generated)			2. DATE	
3. INSTALLATION AND LOCATION TRAVIS AIR FORCE BASE, CALIFORNIA			4. PROJECT TITLE C-17 TWO-BAY HANGAR		
5. PROGRAM ELEMENT 41130	6. CATEGORY CODE 211-173	7. PROJECT NUMBER XDAT043016	8. PROJECT COST (\$000) 50,400		
9. COST ESTIMATES					
ITEM		U/M	QUANTITY	UNIT	COST
C-17 TWO BAY HANGAR					31,472
CONSTRUCT HANGAR		SM	9,848	2,678	(26,373)
ALTER BLDG 250		SM	1,384	1,691	(2,340)
HEF FIRE PROTECTION SYSTEM		LS			(2,500)
ANTITERRORISM FORCE PROTECTION		SM	9,848	26	(258)
SUPPORTING FACILITIES					13,930
SITE IMPROVEMENTS/EXTERIOR LIGHTING		LS			(2,250)
PAVEMENT/PAVEMENT & ABOVE GROUND TANK DEMO		LS			(3,750)
DEMOLITION/LEAD PAINT/ASBESTOS/SURVEYS		SM	8,057	525	(4,230)
UTILITIES/COMM SUPPORT		LS			(2,000)
FALL ARRESTING SYSTEM		EA	2	100,000	(200)
SOIL REMEDIATION AND REMOVAL		LS			(1,500)
SUBTOTAL					45,402
CONTINGENCY (5.0%)					2,270
TOTAL CONTRACT COST					47,672
SUPERVISION, INSPECTION AND OVERHEAD (5.7%)					2,717
TOTAL REQUEST					50,389
TOTAL REQUEST (ROUNDED)					50,400
EQUIPMENT FROM OTHER APPROPRIATIONS (NON-ADD)					(1,100)
10. Description of Proposed Construction: Construct a 2-bay, full-in maintenance hangar for maintaining C-17 aircraft with structural steel frame on reinforced concrete pier and beam foundation, metal insulated panel siding, standing seam metal roofing system, CMU interior partitions on concrete slab foundation and fire protection. Includes admin area, restrooms & any other work associated with project. AT/FP security IAW DOD minimum construction standards. Demolition of facilities 835, 839, and 840 will be accomplished under this project. Air Conditioning: 440 Tons					
11. Requirement: 9848 SM Adequate: 0 SM Substandard: 8242 SM <u>PROJECT:</u> Construct two-bay, full-in C-17 maintenance hangar (New Mission) <u>REQUIREMENT:</u> A general-purpose hangar provides space for scheduled and unscheduled inspections, scheduled and unscheduled maintenance, landing gear retraction tests, aircraft weighing, airframe repairs, and technical order compliance and modifications. To accomplish weight and balancing requirements the floor must be level and footprints stressed for C-17 aircraft. Since all these required items cannot be accomplished in the present number of covered maintenance spaces, the C-17 needs three new spaces for proper bed down. In support of the new hangars, hangar access, security lighting and parking lots shall also be required. Building 250, currently occupied by administrative personnel, will be renovated for temporary use for reserve unit currently occupying building 835, which is required to be demolished to make space for the new maintenance					

1. COMPONENT AIR FORCE	FY 2007 MILITARY CONSTRUCTION PROJECT DATA (computer generated)		2. DATE
3. INSTALLATION AND LOCATION TRAVIS AIR FORCE BASE, CALIFORNIA		4. PROJECT TITLE C-17 TWO-BAY HANGAR	
5. PROGRAM ELEMENT 41130	6. CATEGORY CODE 211-173	7. PROJECT NUMBER XDAT043016	8. PROJECT COST (\$000) 50,400

hangar.

CURRENT SITUATION: Travis AFB has several C-141 hangars and nose docks. All of the nose docks were built in the 1950s. Due to their size, they have been modified and re-modified to support other operations currently stationed at Travis. The current nose dock configurations do not meet AFH 32-1084 standards. Using the formula in the handbook, the base is short a total of six hangars to support KC-10, C-5, and C-17 aircraft that will be assigned to Travis AFB.

IMPACT IF NOT PROVIDED: Maintenance personnel would be required to conduct maintenance operations on the ramp while exposed to the elements and in inclement weather. This would result in longer maintenance turn-around times and additional maintenance labor requirements. Gear retraction, touchup painting, and control surface changes are some of the required maintenance that will be delayed or not accomplished due to weather conditions if not conducted in a fully covered hangar.

ADDITIONAL: This project meets the criteria/scope in Air Force Handbook 32-1084, Facility Requirements. This project includes the relocation of the pump unit and pump house; completing the loop of the fire protection system (as required by code); and cost to keep the existing pump house functional until the new one is certified and operational. Costs for this project were developed using the OSD pricing guide and actual construction data from projects at Travis AFB. An economic analysis of reasonable options for accomplishing this project (status quo, renovation, upgrade/removal, new construction, leasing) was done. It indicates there is only one option that will meet operational requirement. Because of this a full economic analysis was not performed. A certificate of exception has been prepared. Base Civil Engineer: Lt Col Richard H. Houghton, (707) 424-2492. (Hangar - 9,848 SM = 105,964 SF).

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

1. COMPONENT AIR FORCE	FY 2007 MILITARY CONSTRUCTION PROJECT DATA (computer generated)		2. DATE
3. INSTALLATION AND LOCATION TRAVIS AIR FORCE BASE, CALIFORNIA		4. PROJECT TITLE C-17 TWO-BAY HANGAR	
5. PROGRAM ELEMENT 41130	6. CATEGORY CODE 211-173	7. PROJECT NUMBER XDAT043016	8. PROJECT COST (\$000) 50,400
12. SUPPLEMENTAL DATA:			
a. Estimated Design Data:			
(1) Project to be accomplished by design-build procedures			
(2) Basis:			
(a) Standard or Definitive Design -			NO
(b) Where Design Was Most Recently Used -			
(3) All Other Design Costs			2,520
(4) Construction Contract Award			07 JAN
(5) Construction Start			07 FEB
(6) Construction Completion			09 MAR
(7) Energy Study/Life-Cycle analysis was/will be performed			YES
b. Equipment associated with this project provided from other appropriations:			
EQUIPMENT NOMENCLATURE	PROCURING APPRO	FISCAL YEAR APPROPRIATED OR REQUESTED	COST (\$000)
FURNITURE	3080	2007	500
FALL ARRESTING SYSTEM	3080	2007	200
WLAN (WIRELESS LAN)	3080	2007	400

1. COMPONENT AIR FORCE	FY 2007 MILITARY CONSTRUCTION PROJECT DATA (computer generated)			2. DATE	
3. INSTALLATION AND LOCATION TRAVIS AIR FORCE BASE, CALIFORNIA		4. PROJECT TITLE C-17 TAXIWAY LIMA			
5. PROGRAM ELEMENT 41130	6. CATEGORY CODE 112-211	7. PROJECT NUMBER XDAT063001	8. PROJECT COST (\$000) 8,500		
9. COST ESTIMATES					
ITEM		U/M	QUANTITY	UNIT	COST
C-17 TAXIWAY LIMA					6,048
TAXIWAY		SM	30,215	190	(5,741)
TAXIWAY SHOULDERS		SM	4,393	70	(308)
SUPPORTING FACILITIES					1,621
DEMO TAXIWAY		SM	30,215	50	(1,511)
DEMO TAXIWAY SHOULDERS		SM	4,393	25	(110)
SUBTOTAL					7,669
CONTINGENCY (5.0%)					383
TOTAL CONTRACT COST					8,052
SUPERVISION, INSPECTION AND OVERHEAD (5.7%)					459
TOTAL REQUEST					8,511
TOTAL REQUEST (ROUNDED)					8,500
10. Description of Proposed Construction: Remove existing pavements on Taxiway Lima and replace with 4,393 SM of asphalt (taxiway shoulders) and 30,215 SM of concrete (taxiway keel).					
11. Requirement: 34608 SM Adequate: 0 SM Substandard: 34608 SM					
PROJECT: Repair C-17 Taxiway Lima. (New Mission)					
REQUIREMENT: A primary taxiway in good condition that will allow access to the end of Runway 21R/03L and access to the proposed new mission C-17 hangars. First C-17s are expected to arrive in FY06/4.					
CURRENT SITUATION: Taxiway Lima has failed and is in need of major repair. Concrete portions of the taxiway are failing which has created a serious Foreign Object Damage (FOD) hazard to aircraft engines. The Airfield Pavements Condition Survey Engineering Assessment from May 2003 rated Taxiway Lima as "unsatisfactory". This rating was assigned based on the fact that this pavement has FOD-producing distress like high-severity longitudinal, transverse, and diagonal cracking, as well as joint sealant damage, patching, spalls, alligator and block cracking. Aircraft cannot use this taxiway under their own power due to these severe FOD issues. The work-around being used by Travis AFB is to tow aircraft whenever use of this taxiway is required for hangar or runway access. Under current mission conditions, the base is able to minimize the use of Taxiway L. The C-17 beddown will dramatically change the intensity of use on Taxiway L, because a two-bay C-17 hangar will be built there, along with other maintenance facilities. This area will become the focal point of maintenance activities, and continued towing of all aircraft will no longer be practical with the increased aircraft traffic. This project is late to need; when the first increment of C-17's arrive this workaroud will have to be maintained until the taxiway is repaired.					
IMPACT IF NOT PROVIDED: The focal point of C-17 maintenance activities will be very inefficient and adversely affect mission capability rates. If this project is not completed towing will be required in this severe FOD area for large numbers of C-17 movements and will greatly hamper the maintenance mission and operational effectiveness.					

1. COMPONENT AIR FORCE	FY 2007 MILITARY CONSTRUCTION PROJECT DATA (computer generated)		2. DATE
3. INSTALLATION AND LOCATION TRAVIS AIR FORCE BASE, CALIFORNIA		4. PROJECT TITLE C-17 TAXIWAY LIMA	
5. PROGRAM ELEMENT 41130	6. CATEGORY CODE 112-211	7. PROJECT NUMBER XDAT063001	8. PROJECT COST (\$000) 8,500
<p>Aircraft taxi times will continue to take longer than necessary because aircraft will be required to be towed to and from aircraft parking, maintenance hangars and the runway. Increased usage of the taxiway with new mission aircraft will accelerate the deterioration of the already failing pavements. Workarounds will not be sustainable as the number of aircraft increase.</p> <p>ADDITIONAL: A preliminary analysis of reasonable options for accomplishing this project (status quo, renovation, upgrade/removal, new construction, leasing) was done. It indicates there is only one option that will meet operational requirements. A certificate of exception has been prepared for this project. Base Civil Engineer: Lt Col Rich Houghton, (707) 424-2492. (Taxiway - 30,215 SM = 325,113 SF; Taxiway Shoulders - 4,393 SM = 47,269 SF).</p> <p>JOINT USE CERTIFICATION: This facility can be used by other components on an "as available" basis; however, the scope of the project is based on Air Force requirements.</p>			

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3. INSTALLATION AND LOCATION TRAVIS AIR FORCE BASE, CALIFORNIA		4. PROJECT TITLE C-17 TAXIWAY LIMA	
5. PROGRAM ELEMENT 41130	6. CATEGORY CODE 112-211	7. PROJECT NUMBER XDAT063001	8. PROJECT COST (\$000) 8,500
12. SUPPLEMENTAL DATA:			
a. Estimated Design Data:			
(1) Status:			
(a) Date Design Started			15-MAR-05
(b) Parametric Cost Estimates used to develop costs			YES
* (c) Percent Complete as of 01 JAN 2006			35%
* (d) Date 35% Designed			30-SEP-05
(e) Date Design Complete			30-SEP-06
(f) Energy Study/Life-Cycle analysis was/will be performed			NO
(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			510
(b) All Other Design Costs			255
(c) Total			765
(d) Contract			680
(e) In-house			85
(4) Construction Contract Award			07 JAN
(5) Construction Start			07 FEB
(6) Construction Completion			08 MAR
* Indicates completion of Project Definition with Parametric Cost Estimate which is comparable to traditional 35% design to ensure valid scope, cost and executability.			
b. Equipment associated with this project provided from other appropriations: N/A			

1. COMPONENT AIR FORCE	FY 2007 MILITARY CONSTRUCTION PROJECT DATA (computer generated)			2. DATE	
3. INSTALLATION AND LOCATION TRAVIS AIR FORCE BASE, CALIFORNIA		4. PROJECT TITLE C-17 MUNITIONS STORAGE FACILITY			
5. PROGRAM ELEMENT 41130	6. CATEGORY CODE 216-642	7. PROJECT NUMBER XDAT033002	8. PROJECT COST (\$000) 6,200		
9. COST ESTIMATES					
ITEM		U/M	QUANTITY	UNIT	COST
C-17 MUNITIONS STORAGE FACILITY					3,746
MUNITIONS MAINTENANCE FACILITY		SM	505	3,980	(2,010)
MUNITIONS STORAGE FACILITIES		SM	550	3,100	(1,705)
AT/FP PHYSICAL SECURITY MEASURES		LS			(31)
SUPPORTING FACILITIES					1,843
SITE IMPROVEMENTS		LS			(240)
PAVEMENTS		LS			(256)
UTILITIES		LS			(972)
COMMUNICATIONS		LS			(250)
DEMOLITION		SM	465	268	(125)
SUBTOTAL					5,588
CONTINGENCY (5.0%)					279
TOTAL CONTRACT COST					5,868
SUPERVISION, INSPECTION AND OVERHEAD (5.7%)					334
TOTAL REQUEST					6,202
TOTAL REQUEST (ROUNDED)					6,200
<p>10. Description of Proposed Construction: Concrete foundation and walls, a four-bay munitions maintenance facility with administrative area. Facility includes lightning protection system, drive through bays, and all necessary and required work associated with this project including seismic requirements. Construct 2 separate concrete, earth-covered munitions storage facilities. Facilities include lightning protection system, steel blast doors, minimum two-foot earth cover, concrete wing retaining walls and all necessary and required work associated with this project including seismic requirements. Demolish existing munitions facility 980 (5000 SF), (465 SM). Include antiterrorism/force protection requirements identified in DoD unified facilities criteria. Supporting Facility costs for Utilities are driven by the remote location of weapons storage required to meet Explosives Quantity/Distance Siting and Safety Clearance Criteria as defined by AFMAN 91-201, Explosive Safety Standards. This site has no existing sewer system and a water supply that requires upgrade to meet code.</p> <p>Air Conditioning: 35 Tons</p>					
<p>11. Requirement: 1055 SM Adequate: 0 SM Substandard: 209 SM</p> <p>PROJECT: Construct New Munitions Maintenance and Storage Facilities. (New Mission)</p> <p>REQUIREMENT: Munitions facilities to provide quality operational, training, and mobility munitions support and storage to the 60th and 349th (Reserve) Air Mobility Wing's new C-17 mission. These munitions facilities are required for receiving, inspecting, testing, assembling, storing, shipping, requisitioning, and management of munitions and explosives on Travis AFB in support of the C-17 mission. The C-17 weapons system requires munitions/explosives handling and storage capability for the defensive protective systems, e.g. chaff and flares, as well as various safety devices that contain explosive/hazardous charges. Two munitions storage facilities are required due</p>					

1. COMPONENT AIR FORCE	FY 2007 MILITARY CONSTRUCTION PROJECT DATA (computer generated)			2. DATE
3. INSTALLATION AND LOCATION TRAVIS AIR FORCE BASE, CALIFORNIA			4. PROJECT TITLE C-17 MUNITIONS STORAGE FACILITY	
5. PROGRAM ELEMENT 41130	6. CATEGORY CODE 216-642	7. PROJECT NUMBER XDAT033002	8. PROJECT COST (\$000) 6,200	
<p>to the incompatibility of C-17 munitions classes that cannot be stored within a single building. These facilities must meet the minimum requirements of AFM 88-22, AFH 32-1084, and applicable Explosive Safety Standards, and include antiterrorism/force protection requirements.</p> <p>CURRENT SITUATION: The present munitions facilities (building 759 and building 980) were built in 1956. Building 756 was not designed to house the combined current and projected C-17 munitions support function. The existing facilities are inadequately sized to support the additional munitions (e.g. flares, chaff) associated with the C-17 new mission. The explosive safety Quantity Distance Arc (QDA) created by the location of the existing munitions support facilities encompasses several other base buildings. DoD explosive safety waivers are required for these "other" base buildings to continue to operate within the existing explosive safety quantity distance arc. Expanding the current munitions maintenance and safety facility will increase the size of the arc resulting in additional base buildings requiring an explosive safety waiver to continue to operate. The new munitions maintenance and storage facilities will be located at another site, thus eliminating the need for waivers for "other" base facilities.</p> <p>IMPACT IF NOT PROVIDED: Adequate facilities will not be available to support munitions maintenance and storage requirements for the new C-17 mission. Compliance with DoD, Air Force, and HQ AMC directives to reduce/eliminate explosive safety waivers cannot be accomplished. Adequate quantities of munitions supporting the C-17 new mission can not be stored at Travis increasing cost, time, and effort to retrieve munitions for aircraft mission requirements. Munitions maintenance capacity and capability will be degraded until the new facilities are constructed.</p> <p>ADDITIONAL: This project meets the criteria/scope specified in Air Force Handbook 32-1084, Facility Requirements. Fire protection criteria shall conform to the requirements of Military Handbook 1008C, National Fire Codes and the Uniform Building Code. Explosives Quantity/Distance Siting and Safety Clearance Criteria shall conform to AFMAN 91-201, Explosive Safety Standards. A preliminary economic analysis has been prepared comparing the alternatives of maintaining the status quo, upgrading the existing facility, or new construction. 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. A certificate of exception is being prepared for this project.</p> <p>Base Civil Engineer: Lt Col Richard H. Houghton, 707-424-2492. (Munitions Maintenance Facility - 505 SM = 5,434 SF; Munitions Storage Facility - 550 SM = 5,918 SF).</p> <p>JOINT USE CERTIFICATION: This facility can be used by other components on an "as available" basis; however, the scope of the project is based on Air Force requirements.</p>				

1. COMPONENT AIR FORCE	FY 2007 MILITARY CONSTRUCTION PROJECT DATA (computer generated)		2. DATE
3. INSTALLATION AND LOCATION TRAVIS AIR FORCE BASE, CALIFORNIA		4. PROJECT TITLE C-17 MUNITIONS STORAGE FACILITY	
5. PROGRAM ELEMENT 41130	6. CATEGORY CODE 216-642	7. PROJECT NUMBER XDAT033002	8. PROJECT COST (\$000) 6,200
12. SUPPLEMENTAL DATA:			
a. Estimated Design Data:			
(1) Status:			
(a) Date Design Started			10-JUN-05
(b) Parametric Cost Estimates used to develop costs			YES
* (c) Percent Complete as of 01 JAN 2006			35%
* (d) Date 35% Designed			10-AUG-05
(e) Date Design Complete			10-SEP-06
(f) Energy Study/Life-Cycle analysis was/will be performed			YES
(2) Basis:			
(a) Standard or Definitive Design -			NO
(b) Where Design Was Most Recently Used -			
(3) Total Cost (c) = (a) + (b) or (d) + (e):			(\$000)
(a) Production of Plans and Specifications			372
(b) All Other Design Costs			186
(c) Total			558
(d) Contract			496
(e) In-house			62
(4) Construction Contract Award			07 JAN
(5) Construction Start			07 FEB
(6) Construction Completion			08 JUN
* Indicates completion of Project Definition with Parametric Cost Estimate which is comparable to traditional 35% design to ensure valid scope, cost and executability.			
b. Equipment associated with this project provided from other appropriations: N/A			

1. COMPONENT AIR FORCE	FY 2007 MILITARY CONSTRUCTION PROJECT DATA (computer generated)			2. DATE	
3. INSTALLATION AND LOCATION TRAVIS AIR FORCE BASE, CALIFORNIA		4. PROJECT TITLE C-17 ROADS/UTILITIES			
5. PROGRAM ELEMENT 41130	6. CATEGORY CODE 851-147	7. PROJECT NUMBER XDAT053007	8. PROJECT COST (\$000) 8,800		
9. COST ESTIMATES					
ITEM		U/M	QUANTITY	UNIT	COST
C-17 ROADS/UTILITIES					6,601
ELECTRICAL		LM	2,600	757	(1,968)
WATER		LM	7,200	141	(1,015)
SEWER		LS			(800)
NATURAL GAS		LM	1,900	164	(312)
PAVEMENTS		SM	32,550	77	(2,506)
SUPPORTING FACILITIES					1,333
COMMUNICATIONS		LM	4,100	325	(1,333)
SUBTOTAL					7,934
CONTINGENCY (5.0%)					397
TOTAL CONTRACT COST					8,331
SUPERVISION, INSPECTION AND OVERHEAD (5.7%)					475
TOTAL REQUEST					8,805
TOTAL REQUEST (ROUNDED)					8,800
<p>10. Description of Proposed Construction: Work includes the relocation of Ragsdale Street to divert traffic from the flight-line and improve vehicle accessibility to the base. Portions of Dixon Avenue and Ragsdale Street will be rehabilitated through overlays and reconstruction. A new 335 space parking lot, to support maintenance facilities, will be constructed at Ragsdale Street and V Street to replace spaces lost due to the relocation of Ragsdale Street. Storm drainage structures will be constructed to provide drainage of the streets and parking areas. Sanitary sewer lines and gas stub outs will be constructed to support the C-17 Two Bay Hangars and Nose Docks. Water lines will be constructed to improve fire protection capabilities. Electrical work entails upgrading of service to comply with code. Electrical service will include new 15 kv feeders, duct banks, manholes, switchgear, transformers and roadway and parking lot lighting. Communication duct banks, fiber optic and telephone wiring, and appurtenances will be installed. Landscaping and irrigation will be provided as required.</p>					
<p>11. Requirement: 32550 SM Adequate: 0 SM Substandard: 32550 SM</p> <p>PROJECT: Road and utility improvements (New Mission).</p> <p>REQUIREMENT: Upgrade utility infrastructure to support new construction associated with the C-17 beddown.</p> <p>CURRENT SITUATION: Travis AFB has 24 KC-10's and 16 C-5's. They are bedding down 12 C-17's. In support of this new beddown, 20 different MILCON projects are in progress or planned. These projects include new facilities like a 2-Bay hangar and Maintenance Training facility as well as add/alter projects like the Engine Storage facility. The infrastructure at Travis AFB is not capable of providing the necessary support to these facilities without a major upgrade. This project improves the infrastructure in the area in which the new 2-Bay hangar is to be constructed as well as a nose dock and numerous support areas.</p>					

1. COMPONENT AIR FORCE	FY 2007 MILITARY CONSTRUCTION PROJECT DATA (computer generated)		2. DATE
3. INSTALLATION AND LOCATION TRAVIS AIR FORCE BASE, CALIFORNIA		4. PROJECT TITLE C-17 ROADS/UTILITIES	
5. PROGRAM ELEMENT 41130	6. CATEGORY CODE 851-147	7. PROJECT NUMBER XDAT053007	8. PROJECT COST (\$000) 8,800
<p>IMPACT IF NOT PROVIDED: Failure to provide the utility and road upgrades will degradate service to these mission critical C-17 facilities; rendering them incapable of supporting this new mission.</p> <p>ADDITIONAL: This project meets the criteria/scope specified in Air Force Handbook 32-1084 "Facility Requirements." A preliminary analysis of reasonable options for accomplishing this project (status quo, renovation, upgrade/removal, new construction, leasing) was done. It indicates there is only one option that will meet operational requirements. Because of this, a full economic analysis was not performed. A certificate of exception has been prepared. Base Civil Engineer: Lt Col Richard H Houghton, (707) 424-2492. (C-17 Roads/Utilities: 32,550 SM = 350,238 SF)</p> <p>JOINT USE CERTIFICATION: This is an installation utility/infrastructure project, and does not qualify for joint use at this location. However, all tenants on this installation are benefited by this project.</p>			

1. COMPONENT AIR FORCE	FY 2007 MILITARY CONSTRUCTION PROJECT DATA (computer generated)		2. DATE
3. INSTALLATION AND LOCATION TRAVIS AIR FORCE BASE, CALIFORNIA		4. PROJECT TITLE C-17 ROADS/UTILITIES	
5. PROGRAM ELEMENT 41130	6. CATEGORY CODE 851-147	7. PROJECT NUMBER XDAT053007	8. PROJECT COST (\$000) 8,800
12. SUPPLEMENTAL DATA:			
a. Estimated Design Data:			
(1) Status:			
(a) Date Design Started			10-MAY-05
(b) Parametric Cost Estimates used to develop costs			YES
* (c) Percent Complete as of 01 JAN 2006			35%
* (d) Date 35% Designed			10-AUG-05
(e) Date Design Complete			10-SEP-06
(f) Energy Study/Life-Cycle analysis was/will be performed			NO
(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			528
(b) All Other Design Costs			264
(c) Total			792
(d) Contract			704
(e) In-house			88
(4) Construction Contract Award			07 JAN
(5) Construction Start			07 FEB
(6) Construction Completion			08 JUN
* Indicates completion of Project Definition with Parametric Cost Estimate which is comparable to traditional 35% design to ensure valid scope, cost and executability.			
b. Equipment associated with this project provided from other appropriations: N/A			

1. COMPONENT AIR FORCE			FY 2007 MILITARY CONSTRUCTION PROGRAM						2. DATE		
INSTALLATION AND LOCATION BUCKLEY AIR FORCE BASE COLORADO				COMMAND: AIR FORCE SPACE COMMAND			5. AREA CONST COST INDEX 1.01				
6. Personnel		PERMANENT			STUDENTS			SUPPORTED			TOTAL
Strength		OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV	
AS OF 30 SEP 05		266	2043	1005	0	0	0	97	313	1,876	5,600
END FY 2010		266	2043	1005	0	0	0	97	313	1,876	5,600
7. INVENTORY DATA (\$000)											
Total Acreage:		3,872									
Inventory Total as of : (30 Sep 05)									444,569		
Authorization Not Yet in Inventory:									100,060		
Authorization Requested in this Program:					(FY 2007)			10,700			
Authorization Included in the Following Program:					(FY 2008)			0			
Planned in Next Three Years Program:									53,800		
Remaining Deficiency:									38,300		
Grand Total:									647,429		
8. PROJECTS REQUESTED IN THIS PROGRAM: (FY 2007)											
CATEGORY					SCOPE		COST \$,000		DESIGN START		STATUS CMPL
<u>CODE</u>	<u>PROJECT TITLE</u>				<u>SCOPE</u>		<u>\$,000</u>		<u>START</u>		<u>CMPL</u>
124-135	Consolidated Fuels Facility				10000 BL		10,700		Design		Build
				Total		10,700					
9a. Future Projects: Included in the Following Program: (FY2008)											
None											
9b. Future Projects: Typical Planned Next Three Years:											
442-758	Logistics Readiness Complex				2,290 SM		5,500				
730-441	Education Center				2,045 SM		6,700				
740-674	Fitness Center (ADAL)				687 SM		10,500				
730-835	Security Forces Operations Facility				2,798 SM		10,400				
179-511	Fire Crash Rescue Station				1 EA		7,000				
442-758	Consolidated Base Warehouse				9,293 SM		9,100				
214-425	Vehicle Maintenance Facility				1,812 SM		4,600				
				Total		53,800					
9c. Real Property Maintenance Backlog This Installation (\$M) 10											
10. Mission or Major Functions: A space group; a space warning squadron; an operations support squadron; Aerospace Data Facility; an Air Force Reserve Command space warning squadron; and an Air National Guard wing with F-16 aircraft providing combat capability through superior services to air and space, DoD missions and expeditionary forces.											
11. Outstanding pollution and Safety (OSHA) Deficiencies: (\$M)											
a. Air pollution									0		
b. Water Pollution									0		
c. Occupational Safety and Health									0		
d. Other Environmental									0		

1. COMPONENT AIR FORCE	FY 2007 MILITARY CONSTRUCTION PROJECT DATA (computer generated)			2. DATE	
3. INSTALLATION AND LOCATION BUCKLEY AIR FORCE BASE, COLORADO			4. PROJECT TITLE CONSOLIDATED FUELS FACILITY		
5. PROGRAM ELEMENT 35996	6. CATEGORY CODE 124-135	7. PROJECT NUMBER CRWU073008	8. PROJECT COST (\$000) 10,700		
9. COST ESTIMATES					
ITEM		U/M	QUANTITY	UNIT	COST
CONSOLIDATED FUELS FACILITY					6,995
JET FUEL STORAGE TANKS		BL	10,000	210	(2,100)
JET FUEL RECEIVING, DISTRIBUTION, DISPENSING		LS			(3,050)
POL OPS/BULK STORAGE OPS BLDGS		SM	390	2,615	(1,020)
VEHICLE FUELS TANKS (10,000 GAL)		EA	3	66,667	(200)
VEHICLE FUELS OUTLET		OL	3	200,000	(600)
INTERIOR COMMUNICATIONS SUPPORT		LS			(25)
SUPPORTING FACILITIES					2,678
SITE IMPROVEMENTS		LS			(350)
DEMOLITION		SM	424	436	(185)
ENVIRONMENTAL ABATEMENT		LS			(420)
PASSIVE FORCE PROTECTION		LS			(127)
PAVEMENTS (INCLUDES REFUEL TRUCK PARKING PAD)		LS			(805)
UTILITIES		LS			(390)
SPECIAL FOUNDATIONS		LS			(90)
EXTERIOR COMMUNICATIONS SUPPORT		LS			(61)
RELOCATE DE-ICER TANK AND LOX FACILITY		LS			(250)
SUBTOTAL					9,673
CONTINGENCY (5.0%)					484
TOTAL CONTRACT COST					10,156
SUPERVISION, INSPECTION AND OVERHEAD (5.7%)					579
TOTAL REQUEST					10,735
TOTAL REQUEST (ROUNDED)					10,700
EQUIPMENT FROM OTHER APPROPRIATIONS (NON-ADD)					(145)
10. Description of Proposed Construction: Single-story structural steel frame with reinforced concrete foundation and floor slab for expansive soils. Split face CMU and standing seam metal roof. Includes tanks, liquid oxygen tanks shelter and pad, de-icing fluid tank pad, pumping systems, truck loading/unloading area, utilities, parking, access, site improvements, pre-wiring for communications, and all other support. Demolish four metal POL building (424 SM). Comply with DoD force protection requirements per unified facilities criteria. Air Conditioning: 15 Tons					
11. Requirement: 10000 BL Adequate: 0 BL Substandard: 10000 BL <u>PROJECT:</u> Construct a consolidated fuels facility. (Current Mission) <u>REQUIREMENT:</u> Strategically sited, adequate fuel storage and distribution are required to accommodate the new development of Buckley Air Force Base concurrent with the establishment of a new active duty Air Force Base. The SECAF and CSAF established Air Force Space Command as the installation host effective 1 October 2000 (ref Program					

1. COMPONENT AIR FORCE	FY 2007 MILITARY CONSTRUCTION PROJECT DATA (computer generated)		2. DATE
3. INSTALLATION AND LOCATION BUCKLEY AIR FORCE BASE, COLORADO		4. PROJECT TITLE CONSOLIDATED FUELS FACILITY	
5. PROGRAM ELEMENT 35996	6. CATEGORY CODE 124-135	7. PROJECT NUMBER CRWU073008	8. PROJECT COST (\$000) 10,700
<p>Action Directive 00-01). The new complex will include bulk storage of jet fuel, POL operations buildings, refuel truck parking apron, a ground vehicle fueling facility, a liquid oxygen storage/dispensing facility and a de-icing fluid storage/dispensing facility.</p> <p><u>CURRENT SITUATION:</u> The existing fuels storage facility is rapidly deteriorating and in need of significant repair. Many of the deficiencies pose safety risks to base personnel and contribute to environmental risks. Deficiencies include a faulty air eliminator system, compromised spill containment and laboratory shortcomings. The driver's ready room is housed in a deteriorated trailer. The POL operations building is a failing metal building with a shed type roof. The complex is located near the site of a planned 351 unit family housing development. It is also located on the opposite side of the base's main thoroughfare from the airfield. Each delivery of fuel to the airfield requires the refueled tanker to travel through the developing community area of the base to the aircraft apron and back. This creates traffic safety issues along with unnecessary additional environmental risks.</p> <p><u>IMPACT IF NOT PROVIDED:</u> Refuel trucks will continue to drive across base and create traffic safety issues. Development of the base's community area will be restricted by the location of the present facilities. Failure to build new facilities will preclude Buckley AFB from most efficiently utilizing their limited developable land to complete the stand up of this new Air Force base. Expenditure of excessive repair funds and operational inefficiencies due to remoteness from the airfield will continue to waste resources.</p> <p><u>ADDITIONAL:</u> This project meets the scope/criteria specified in Air Force Handbook 32-1084, "Facility Requirements." A preliminary analysis of reasonable options for accomplishing this project to include status quo, renovation, upgrade/removal, new construction, and lease was completed. It indicates there is only one option that will satisfy statutory requirements and meet operational constraints. Because of this a full economic analysis was not performed. A Certificate of waiver has been initiated. Base Civil Engineer: Lt Col Christopher C. McLane, (720) 720-6501. Consolidated Fuels Facility: 390 SM = 4,198 SF. Size supports 10,000 barrels.</p> <p><u>JOINT USE CERTIFICATION:</u> This facility is programmed for joint use with the Air National Guard; however, it is fully funded by the Air Force.</p>			

1. COMPONENT AIR FORCE	FY 2007 MILITARY CONSTRUCTION PROJECT DATA (computer generated)		2. DATE
3. INSTALLATION AND LOCATION BUCKLEY AIR FORCE BASE, COLORADO		4. PROJECT TITLE CONSOLIDATED FUELS FACILITY	
5. PROGRAM ELEMENT 35996	6. CATEGORY CODE 124-135	7. PROJECT NUMBER CRWU073008	8. PROJECT COST (\$000) 10,700
12. SUPPLEMENTAL DATA:			
a. Estimated Design Data:			
(1) Project to be accomplished by design-build procedures			
(2) Basis:			
(a) Standard or Definitive Design -			NO
(b) Where Design Was Most Recently Used -			
(3) All Other Design Costs			535
(4) Construction Contract Award			07 JAN
(5) Construction Start			07 FEB
(6) Construction Completion			08 MAY
(7) Energy Study/Life-Cycle analysis was/will be performed			YES
b. Equipment associated with this project provided from other appropriations:			
EQUIPMENT NOMENCLATURE	PROCURING APPRO	FISCAL YEAR APPROPRIATED OR REQUESTED	COST (\$000)
COMMUNICATIONS EQUIPMENT	3400	2007	20
FURNISHINGS	3400	2007	125

1. COMPONENT AIR FORCE		FY 2007 MILITARY CONSTRUCTION PROGRAM						2. DATE			
INSTALLATION AND LOCATION SHRIEVER AIR FORCE BASE COLORADO				COMMAND: AIR FORCE SPACE COMMAND			5. AREA CONST COST INDEX 1.15				
6. Personnel		PERMANENT			STUDENTS			SUPPORTED			TOTAL
Strength		OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV	
AS OF 30 SEP 05		646	1205	517	0	0	0	0	0	0	2,368
END FY 2010		646	1205	517	0	0	0	0	0	0	2,368
7. INVENTORY DATA (\$000)											
Total Acreage:		4,172									
Inventory Total as of : (31 Sep 05)										314,323	
Authorization Not Yet in Inventory:										41,745	
Authorization Requested in this Program:							(FY 2007)				21,000
Authorization Included in the Following Program:							(FY 2008)				35,200
Planned in Next Three Years Program:										33,131	
Remaining Deficiency:										88,500	
Grand Total:										533,899	
8. PROJECTS REQUESTED IN THIS PROGRAM: (FY 2007)											
CATEGORY							COST	DESIGN	STATUS		
<u>CODE</u>	<u>PROJECT TITLE</u>	<u>SCOPE</u>		<u>\$,000</u>	<u>START</u>	<u>CMPL</u>					
141-454	Space Test and Evaluation Facility	4,910	SM	21,000	Design	Build					
		Total			21,000						
9a. Future Projects: Included in the Following Program: (FY2008)											
141-454	Air and Space Intergration Facility	4,106	SM	23,300							
740-674	ADAL Fitness Center	4,191	SM	11,900							
		Total			35,200						
9b. Future Projects: Typical Planned Next Three Years:											
								0			
730-835	Consolidated Security Forces Training Fa	3,442	SM	9,186							
730-835	Security Forces Operations Facility	2,800	SM	9,500							
812-225	12KV Distribution System	1	EA	8,145							
740-316	Family Support Facility	2,300	SM	6,300							
		Total			33,131						
9c. Real Property Maintenance Backlog This Installation (\$M)										20	
10. Mission or Major Functions: The mission of the 50th Space Wing is to provide combat capability through command and control (C2) of communication, navigation, warning, and surveillance satellite weapon systems and conduct of expeditionary operations. The wing operates satellite operations centers at Schriever, remote tracking stations and other command and control facilities around the world. These facilities monitor satellites during launch, put the satellite in their proper orbits following launch, operate the satellites while they are in orbit and fix satellite anomalies when they occur. The wing operates and maintains several satellite programs including the Defense Support Program, the Navstar Global Positioning System, the Defense Satellite Communications System, NATO IV/Skyenet 4, Milstar and the Midcourse Space Experiment spacecraft.											
11. Outstanding pollution and Safety (OSHA) Deficiencies:										(\$M)	
a. Air pollution											0
b. Water Pollution											0
c. Occupational Safety and Health											0
d. Other Environmental											0

1. COMPONENT AIR FORCE	FY 2007 MILITARY CONSTRUCTION PROJECT DATA (computer generated)			2. DATE	
3. INSTALLATION AND LOCATION SCHRIEVER AIR FORCE BASE, COLORADO		4. PROJECT TITLE SPACE TEST AND EVALUATION FACILITY			
5. PROGRAM ELEMENT 35996	6. CATEGORY CODE 141-454	7. PROJECT NUMBER GLEN063002	8. PROJECT COST (\$000) 21,000		
9. COST ESTIMATES					
ITEM		U/M	QUANTITY	UNIT	COST
SPACE TEST AND EVALUATION FACILITY					15,274
TEST AND EVALUATION FACILITY		SM	4,910	2,980	(14,632)
INTERIOR COMMUNICATIONS SUPPORT		SM	4,910	91	(445)
ANTITERRORISM/FORCE PROTECTION		SM	4,910	40	(197)
SUPPORTING FACILITIES					3,640
UTILITIES		LS			(1,505)
PAVEMENTS		LS			(1,250)
SITE IMPROVEMENTS		LS			(550)
EXTERIOR COMMUNICATIONS SUPPORT		LS			(250)
PASSIVE FORCE PROTECTION		LS			(85)
SUBTOTAL					18,914
CONTINGENCY (5.0%)					946
TOTAL CONTRACT COST					19,859
SUPERVISION, INSPECTION AND OVERHEAD (5.7%)					1,132
TOTAL REQUEST					20,991
TOTAL REQUEST (ROUNDED)					21,000
EQUIPMENT FROM OTHER APPROPRIATIONS (NON-ADD)					(5,400)
10. Description of Proposed Construction: Concrete masonry walls, foundation, and floor slab, steel structural frame and metal roof. Provide Sensitive Compartmented Information Facility (SCIF) work space and secure computer support areas, storage area, antenna farm foundation, and POV parking area for effective use of the completed facility. Comply with DoD force protection requirements per unified facilities criteria. Air Conditioning: 220 Tons					
11. Requirement: 4190 SM Adequate: 0 SM Substandard: 0 SM <u>PROJECT:</u> Construct a space test and evaluation facility. (Current Mission) <u>REQUIREMENT:</u> The facility will accommodate Air Force Space Command's (AFSPC) lead agency for space innovation; conducting a variety of space technology development, demonstration, integration and testing efforts in support of Air Force operations. In order to accomplish this mission, a facility with adequate SCIF space to accommodate the varied users supporting critical space test and evaluation functions is required. The facility must provide secure, reliable, and adequate communication connectivity to multiple users to allow for the full integration of space assets conducting developmental and operational concept tests and analysis. Because of the numerous organizations supporting this space mission, a single, stand-alone facility is essential for the organization to operate at its required mission level. This project will consolidate the multiple sections currently spread out across Schriever and Peterson AFBs in temporary and leased facilities. This project provides space for the Command Section, Integration Division, Space Application/Integration Facility and Aerospace					

1. COMPONENT AIR FORCE	FY 2007 MILITARY CONSTRUCTION PROJECT DATA (computer generated)			2. DATE
3. INSTALLATION AND LOCATION SCHRIEVER AIR FORCE BASE, COLORADO			4. PROJECT TITLE SPACE TEST AND EVALUATION FACILITY	
5. PROGRAM ELEMENT 35996	6. CATEGORY CODE 141-454	7. PROJECT NUMBER GLEN063002	8. PROJECT COST (\$000) 21,000	
<p>Fusion Center, 595th Space Group, 14 & 17th Test Squadrons, and the 25th Space Control Tactics Squadron.</p> <p><u>CURRENT SITUATION:</u> The current operations occupies 75,000 square feet in a facility owned by the Joint National Integrations Center (JNIC) on Schriever AFB. Cost to lease this space runs over \$1M annually. Recent JNIC mission increases resulted in reoccupying space used by AFSPC units. A new temporary facility was constructed to provide only non-SCIF space and requiring functions to squeeze into available JNIC space to continue secure operations. The JNIC has officially notified the AFSPC of their intent to completely displace all AFSPC personnel and equipment in their facility within the next two years. Existing facilities on Schriever and nearby Peterson AFB, located 15 miles west, cannot support the current mission.</p> <p><u>IMPACT IF NOT PROVIDED:</u> If a permanent facility is not available prior to the forced relocation from the JNIC, efforts such as the Aerospace Fusion Center and the Space and Air Integration Facility will cease. AFSPC will not be able to conduct operations essential to the current and future employment concepts for strategic space assets. Unless a permanent facility is constructed, temporary facilities will be required at great cost and will result in a degradation of mission accomplishment. Additionally, the classification level and extensive communication links of certain test and evaluation efforts require a permanent facility and are not possible to pursue in temporary structures.</p> <p><u>ADDITIONAL:</u> This project meets the criteria/scope specified in Air Force Handbook 32-1084 "Facility Requirements." Sustainable principles will be integrated into the design, development, and construction of the project in accordance with Executive Order 13123 and other applicable laws and Executive Orders. A preliminary analysis of reasonable options (status quo, leasing, new construction) indicates new construction is the only alternative that will effectively meet the operational, statutory, and security criteria of the functions required. Consequently, a full economic analysis was not performed. A Certificate of exception has been prepared. Base Civil Engineer: Lt Col Rick A. Blaisdell, Commercial: (719) 567-4200/4201. Spacs and Evaluation Facility: 4,910 SM = 52,832 SF.</p> <p><u>JOINT USE CERTIFICATION:</u> Mission requirements, operational considerations and location are incompatible with use by other components.</p>				

1. COMPONENT AIR FORCE	FY 2007 MILITARY CONSTRUCTION PROJECT DATA (computer generated)		2. DATE
3. INSTALLATION AND LOCATION SCHRIEVER AIR FORCE BASE, COLORADO		4. PROJECT TITLE SPACE TEST AND EVALUATION FACILITY	
5. PROGRAM ELEMENT 35996	6. CATEGORY CODE 141-454	7. PROJECT NUMBER GLEN063002	8. PROJECT COST (\$000) 21,000
12. SUPPLEMENTAL DATA:			
a. Estimated Design Data:			
(1) Project to be accomplished by design-build procedures			
(2) Basis:			
(a) Standard or Definitive Design -			NO
(b) Where Design Was Most Recently Used -			
(3) All Other Design Costs			1,050
(4) Construction Contract Award			07 JAN
(5) Construction Start			07 FEB
(6) Construction Completion			08 OCT
(7) Energy Study/Life-Cycle analysis was/will be performed			YES
b. Equipment associated with this project provided from other appropriations:			
EQUIPMENT NOMENCLATURE	PROCURING APPRO	FISCAL YEAR APPROPRIATED OR REQUESTED	COST (\$000)
FURNITURE	3400	2007	2,400
COMM EQUIPMENT	3080	2007	3,000

1. COMPONENT AIR FORCE		FY 2007 MILITARY CONSTRUCTION PROGRAM					2. DATE				
3. INSTALLATION AND LOCATION DOVER AIR FORCE BASE DELAWARE			4. COMMAND: AIR MOBILITY COMMAND			5. AREA CONST COST INDEX 1.01					
6. Personnel		PERMANENT			STUDENTS			SUPPORTED			TOTAL
Strength		OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV	
AS OF 30 SEP 05		431	4527	1341	0	0	0	0	0	0	6,299
END FY 2010		556	4933	1492	0	0	0	0	0	0	6,981
7. INVENTORY DATA (\$000)											
Total Acreage:		3,824									
Inventory Total as of : (30 Sep 05)										1,353,020	
Authorization Not Yet in Inventory:										106,000	
Authorization Requested in this Program:										26,400	
Authorization Included in the Following Program: (FY 2008)										0	
Planned in Next Three Years Program:										36,774	
Remaining Deficiency:										23,200	
Grand Total:										1,545,394	
8. PROJECTS REQUESTED IN THIS PROGRAM: (FY 2007)											
CATEGORY				COST		DESIGN		STATUS			
CODE		PROJECT TITLE			SCOPE		\$,000 START		Cmpl		
141-753		C-17 Aircrew Life Support			1,992 SM		7,400 Jun-05		Sep-06		
211-157		C-17 Engine Storage Facility			1,022 SM		3,000 Mar-05		Aug-06		
211-152		C-17 ADAL Composite Maintenance Shop			1,200 SM		2,600 Jun-05		Sep-06		
211-179		C-17 Alter Hangars			1 LS		13,400 Jun-05		Sep-06		
				TOTAL		26,400					
9a. Future Projects: Included in the Following Program: (FY2008)											
None											
9b. Future Projects: Typical Planned Next Three Years:											
740-674		Fitness Center			4,000 SM		17,274				
131-111		Consolidated Communications Facility			4,000 SM		12,000				
730-773		Chapel Center			1,220 SM		4,500				
218-868		Precision Measurement Equip Lab			925 SM		3,000				
				TOTAL		36,774					
9c. Real Property Maintenance Backlog This Installation (\$M)											198
10. Mission or Major Functions: An airlift wing with two C-5 squadrons; and an AFRC Associate C-5 airlift wing. Dover AFB will gain a C-17 squadron and lose one C-5 squadron in 2007.											
11. Outstanding pollution and Safety (OSHA Deficiencies):											
a. Air pollution								0			
b. Water Pollution								0			
c. Occupational Safety and Health								0			
d. Other Environmental								0			

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1. COMPONENT AIR FORCE	FY 2007 MILITARY CONSTRUCTION PROJECT DATA (computer generated)			2. DATE	
3. INSTALLATION AND LOCATION DOVER AIR FORCE BASE, DELAWARE		4. PROJECT TITLE C-17 AIRCREW LIFE SUPPORT			
5. PROGRAM ELEMENT 41130	6. CATEGORY CODE 141-753	7. PROJECT NUMBER FJXT043012	8. PROJECT COST (\$000) 7,400		
9. COST ESTIMATES					
ITEM		U/M	QUANTITY	UNIT	COST
C-17 AIRCREW LIFE SUPPORT					4,627
AIRCREW LIFE SUPPORT		SM	1,992	2,300	(4,582)
ANTITERRORISM FORCE PROTECTION		SM	1,992	23	(46)
SUPPORTING FACILITIES					2,051
UTILITIES		LS			(350)
PAVEMENTS		LS			(350)
SITE IMPROVEMENTS		LS			(350)
DEMOLITION/ASBESTOS ABATEMENT		SM	3,024	265	(801)
COMMUNICATIONS SUPPORT		LS			(200)
SUBTOTAL					6,679
CONTINGENCY (5.0%)					334
TOTAL CONTRACT COST					7,013
SUPERVISION, INSPECTION AND OVERHEAD (5.7%)					400
TOTAL REQUEST					7,412
TOTAL REQUEST (ROUNDED)					7,400
EQUIPMENT FROM OTHER APPROPRIATIONS (NON-ADD)					(750.0)
<p>10. Description of Proposed Construction: Steel frame low bay structure with reinforced concrete foundation and floor slab, masonry walls/finish system, sloped metal roof, fire protection and detection systems, communications, utilities, pavements, site improvements and all necessary support. Includes antiterrorism force protection requirements identified in DoD unified facilities criteria. This project demolishes three substandard facilities.</p> <p>Air Conditioning: 100 Tons</p>					
<p>11. Requirement: 1992 SM Adequate: 0 SM Substandard: 865 SM</p> <p>PROJECT: Construct a C-17 aircrew life support facility (New Mission).</p> <p>REQUIREMENT: An adequately sized and properly configured centralized aircrew life support facility to meet the requirements of two flying squadrons, the new mission C-17s and existing mission C-5s. This project demolishes three substandard facilities: one hangar that is in the footprint of the construction and the two existing aircrew life support buildings that are replaced by the new facility. The first C-17 aircraft is scheduled to arrive in June 2007. This project is late to need but a short-term work around has been developed to accommodate the C-17 aircraft as their delivery is ramped up.</p> <p>CURRENT SITUATION: The existing C-5 aircrew life support facility contains less than half the space required to meet both mission requirements and space is not available to add to or alter the facility. Existing C-5 aircrew life support equipment is currently stored in a satellite facility approximately one half-mile away increasing manpower and security requirements. C-17 life support requires additional space that is not required for C-5 operations since C-5s have no requirement for the following items: parachutes (7 per C-17), helmets with oxygen masks (1 per C-17), individual survival kits (7 per C-</p>					

1. COMPONENT AIR FORCE	FY 2007 MILITARY CONSTRUCTION PROJECT DATA (computer generated)			2. DATE
3. INSTALLATION AND LOCATION DOVER AIR FORCE BASE, DELAWARE			4. PROJECT TITLE C-17 AIRCREW LIFE SUPPORT	
5. PROGRAM ELEMENT 41130	6. CATEGORY CODE 141-753	7. PROJECT NUMBER FJXT043012	8. PROJECT COST (\$000) 7,400	
<p>17), aero medical masks (12 per C-17). Also, C-17s have a greater requirement than C-5s for the following life support items: C-17s have 15 quick-don masks/aircraft vs. 7 for the C-5; increased EPOS (Emergency Personal Oxygen System), LPUs (Life Preserver Units), and mobility equipment. Additionally, NVGs for C-17s have a higher usage rate and priority than C-5s, which not only effects NVG nighttime operations, but all C-17 operations since C-17 crewmembers cannot fly daytime missions unless qualified on NVGs.</p> <p>IMPACT IF NOT PROVIDED: Aircrew life support operations efficiency and effectiveness will be degraded due to facility capacity and capability constraints. Equipment will continue to be stored in a satellite facility increasing manpower requirements and delays in providing required equipment to departing aircrews.</p> <p>ADDITIONAL: This project meets the criteria/scope specified in Air Force Handbook 32-1084, Facility Requirements. A preliminary analysis of reasonable options for accomplishing this project (status quo, renovation, add/alter, new construction, leasing) was done. Results indicated that new construction was the only reasonable option that meets operational requirements. A economic analysis was not completed based on the analysis results. A Certificate of Exception was accomplished. Supporting costs exceed 20% of primary facility costs due to the considerable amount of demolition and asbestos abatement required for this project. Primary facility costs were developed using the DoD pricing guide and recent historical costs from projects at Dover. Base Civil Engineer: Lt Col Kent H. Nonaka, (302) 677-6768. Aircrew Life Support Facility: 1,992 SM = 21,440 SF.</p> <p>JOINT USE CERTIFICATION: This facility is programmed for joint use with the Air Force Reserve Command; however, it is fully funded in the active duty appropriation.</p>				

1. COMPONENT AIR FORCE	FY 2007 MILITARY CONSTRUCTION PROJECT DATA (computer generated)		2. DATE
3. INSTALLATION AND LOCATION DOVER AIR FORCE BASE, DELAWARE		4. PROJECT TITLE C-17 AIRCREW LIFE SUPPORT	
5. PROGRAM ELEMENT 41130	6. CATEGORY CODE 141-753	7. PROJECT NUMBER FJXT043012	8. PROJECT COST (\$000) 7,400
12. SUPPLEMENTAL DATA:			
a. Estimated Design Data:			
(1) Status:			
(a) Date Design Started			10-JUN-05
(b) Parametric Cost Estimates used to develop costs			YES
* (c) Percent Complete as of 01 JAN 2006			15%
* (d) Date 35% Designed			10-AUG-05
(e) Date Design Complete			10-SEP-06
(f) Energy Study/Life-Cycle analysis was/will be performed			YES
(2) Basis:			
(a) Standard or Definitive Design -			NO
(b) Where Design Was Most Recently Used -			
(3) Total Cost (c) = (a) + (b) or (d) + (e):			(\$000)
(a) Production of Plans and Specifications			444
(b) All Other Design Costs			222
(c) Total			666
(d) Contract			592
(e) In-house			74
(4) Construction Contract Award			07 JAN
(5) Construction Start			07 FEB
(6) Construction Completion			08 FEB
* Indicates completion of Project Definition with Parametric Cost Estimate which is comparable to traditional 35% design to ensure valid scope, cost and executability.			
b. Equipment associated with this project provided from other appropriations:			
EQUIPMENT NOMENCLATURE	PROCURING APPROPRIATION	FISCAL YEAR APPROPRIATED OR REQUESTED	COST (\$000)
MMHE	3080	2007	300
FURNITURE	3080	2008	400
COMMUNICATIONS EQUIPMENT	3400	2008	50

1. COMPONENT AIR FORCE	FY 2007 MILITARY CONSTRUCTION PROJECT DATA (computer generated)			2. DATE	
3. INSTALLATION AND LOCATION DOVER AIR FORCE BASE, DELAWARE			4. PROJECT TITLE C-17 ENGINE STORAGE FACILITY		
5. PROGRAM ELEMENT 41130	6. CATEGORY CODE 211-157	7. PROJECT NUMBER FJXT063013	8. PROJECT COST (\$000) 3,000		
9. COST ESTIMATES					
ITEM		U/M	QUANTITY	UNIT	COST
C-17 ENGINE STORAGE FACILITY					2,135
ENGINE STORAGE AREA		SM	929	2,100	(1,951)
CLASSROOM/ADMINISTRATION AREA		SM	93	1,750	(163)
ANTITERRORISM FORCE PROTECTION		SM	1,022	21	(21)
SUPPORTING FACILITIES					550
UTILITIES		LS			(200)
PAVEMENTS		LS			(200)
SITE IMPROVEMENTS		LS			(100)
COMMUNICATIONS SUPPORT		LS			(50)
SUBTOTAL					2,685
CONTINGENCY (5.0%)					134
TOTAL CONTRACT COST					2,819
SUPERVISION, INSPECTION AND OVERHEAD (5.7%)					161
TOTAL REQUEST					2,980
TOTAL REQUEST (ROUNDED)					3,000
EQUIPMENT FROM OTHER APPROPRIATIONS (NON-ADD)					(250.0)
10. Description of Proposed Construction: Reinforced concrete foundation and floor slab, masonry walls and sloped metal roof. Facility includes an office area for inspection personnel as well as a classroom. Facilities include all utilities, pavements, site and communications work to provide complete and useable facilities. This project will comply with DoD antiterrorism/force protection requirements per unified facilities criteria. Air Conditioning: 50 Tons					
11. Requirement: 1022 SM Adequate: 0 SM Substandard: 0 SM PROJECT: Construct a C-17 Engine Storage Facility with a maintenance classroom (New Mission) REQUIREMENT: An adequately sized and properly configured facility for centralized storage of C-17 aircraft engines and training for aircraft maintenance operations. Construction is required to support the beddown of a C-17 squadron. The first aircraft is scheduled to arrive in June 2007. This project is late to need but a short-term work around has been developed to accommodate the C-17 aircraft as their delivery is ramped up. CURRENT SITUATION: Adequate space is currently not available for C-17 aircraft engine storage. Space is required to store 6 to 8 ready for installation (RFI) engines. The existing C-5 engine storage facility will continue to support the C-5 mission. In addition, Dover will remain the C-5 Regional Engine Repair Center (ERC). There is no excess capacity in the C-5 engine storage facility to absorb the C-17 engine storage requirement. Additional space is required to conduct classroom training for maintenance personnel.					

1. COMPONENT AIR FORCE	FY 2007 MILITARY CONSTRUCTION PROJECT DATA (computer generated)		2. DATE
3. INSTALLATION AND LOCATION DOVER AIR FORCE BASE, DELAWARE		4. PROJECT TITLE C-17 ENGINE STORAGE FACILITY	
5. PROGRAM ELEMENT 41130	6. CATEGORY CODE 211-157	7. PROJECT NUMBER FJXT063013	8. PROJECT COST (\$000) 3,000
<p>IMPACT IF NOT PROVIDED: Inability to store aircraft engines and properly train maintenance personnel will ultimately decrease the mission ready status of C-17 aircraft. In addition, the contract logistics support (CLS) contract for engines will be in jeopardy.</p> <p>ADDITIONAL: This project meets the criteria/scope specified in Air Force Handbook 32-1084, Facility Requirements. A preliminary analysis of reasonable options for accomplishing this project (status quo, renovation, upgrade/removal, new construction, leasing) was done. It indicates there is only one option that will meet operational requirements. Because of this an economic analysis was not accomplished; a certificate of exception was prepared. Base Civil Engineer: Lt Col Kent H. Nonaka, (302) 677-6768. (C-17 Engine Storage Facility: 1,022 SM = 10,997 SF)</p> <p>JOINT USE CERTIFICATION: This facility is programmed for joint use with the Air Force Reserve Command; however, it is fully funded in the active duty appropriation.</p>			

1. COMPONENT AIR FORCE	FY 2007 MILITARY CONSTRUCTION PROJECT DATA (computer generated)		2. DATE
3. INSTALLATION AND LOCATION DOVER AIR FORCE BASE, DELAWARE		4. PROJECT TITLE C-17 ENGINE STORAGE FACILITY	
5. PROGRAM ELEMENT 41130	6. CATEGORY CODE 211-157	7. PROJECT NUMBER FJXT063013	8. PROJECT COST (\$000) 3,000
12. SUPPLEMENTAL DATA:			
a. Estimated Design Data:			
(1) Status:			
(a) Date Design Started			15-MAR-05
(b) Parametric Cost Estimates used to develop costs			YES
* (c) Percent Complete as of 01 JAN 2006			35%
* (d) Date 35% Designed			30-SEP-05
(e) Date Design Complete			31-AUG-06
(f) Energy Study/Life-Cycle analysis was/will be performed			NO
(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			180
(b) All Other Design Costs			90
(c) Total			270
(d) Contract			240
(e) In-house			30
(4) Construction Contract Award			07 JAN
(5) Construction Start			07 MAR
(6) Construction Completion			08 MAR
* Indicates completion of Project Definition with Parametric Cost Estimate which is comparable to traditional 35% design to ensure valid scope, cost and executability.			
b. Equipment associated with this project provided from other appropriations:			
EQUIPMENT NOMENCLATURE	PROCURING APPROPRIATION	FISCAL YEAR APPROPRIATED OR REQUESTED	COST (\$000)
CLASSROOM FURNITURE	3080	2008	250

1. COMPONENT AIR FORCE	FY 2007 MILITARY CONSTRUCTION PROJECT DATA (computer generated)			2. DATE	
3. INSTALLATION AND LOCATION DOVER AIR FORCE BASE, DELAWARE		4. PROJECT TITLE C-17 ADD/ALTER COMPOSITE MAINTENANCE SHOP			
5. PROGRAM ELEMENT 41130	6. CATEGORY CODE 211-152	7. PROJECT NUMBER FJXT063010	8. PROJECT COST (\$000) 2,600		
9. COST ESTIMATES					
ITEM		U/M	QUANTITY	UNIT	COST
C-17 ADD/ALTER COMPOSITE MAINTENANCE SHOP					1,879
ADDITION		SM	1,000	1,700	(1,700)
ALTERATION		SM	200	750	(150)
ANTITERRORISM FORCE PROTECTION		SM	1,000	29	(29)
SUPPORTING FACILITIES					472
UTILITIES		LS			(150)
PAVEMENTS		LS			(100)
SITE IMPROVEMENTS		LS			(100)
COMMUNICATIONS SUPPORT		LS			(100)
DEMOLITION/ASBESTOS ABATEMENT		SM	93	240	(22)
SUBTOTAL					2,351
CONTINGENCY (5.0%)					118
TOTAL CONTRACT COST					2,469
SUPERVISION, INSPECTION AND OVERHEAD (5.7%)					141
TOTAL REQUEST					2,610
TOTAL REQUEST (ROUNDED)					2,600
EQUIPMENT FROM OTHER APPROPRIATIONS (NON-ADD)					(85.0)
<p>10. Description of Proposed Construction: Steel frame structure with reinforced concrete foundation and floor slab, insulated metal siding, sloped metal roof, fire protection and detection systems, communications, utilities, pavements, site improvements and all necessary support. Alter a portion of the existing facility to allow for efficient traffic and work flow. Demolish one building (Paint Bead Blaster Facility, 93 SM - 1,001 SF). This project will comply with DoD antiterrorism/force protection requirements per unified facilities criteria</p> <p>Air Conditioning: 10 Tons</p>					
<p>11. Requirement: 9500 SM Adequate: 8300 SM Substandard: 200 SM</p> <p>PROJECT: Add to and alter Composite Shop (Bldg 721) (New Mission)</p> <p>REQUIREMENT: An adequately sized and configured maintenance shop to perform inspections and repairs to composite material aircraft panels to support the C-17 aircraft beddown at Dover AFB. The first aircraft is scheduled to arrive in June 2007; the operational need date for this addition is also June 2007. This project is late to need but a short term work around has been developed to accommodate the C-17 aircraft as their delivery is ramped up.</p> <p>CURRENT SITUATION: Composite material maintenance is not required on the assigned C-5 aircraft and shop space to support this new requirement does not exist on the base. Existing maintenance shop space will continue to be used to support the C-5 mission. C-5 aircraft will be stationed at the base for the foreseeable future.</p> <p>IMPACT IF NOT PROVIDED: Without this project, maintenance on composite material</p>					

1. COMPONENT AIR FORCE	FY 2007 MILITARY CONSTRUCTION PROJECT DATA (computer generated)		2. DATE
3. INSTALLATION AND LOCATION DOVER AIR FORCE BASE, DELAWARE		4. PROJECT TITLE C-17 ADD/ALTER COMPOSITE MAINTENANCE SHOP	
5. PROGRAM ELEMENT 41130	6. CATEGORY CODE 211-152	7. PROJECT NUMBER FJXT063010	8. PROJECT COST (\$000) 2,600
<p>aircraft panels will have to be performed at other C-17 bases leading to delays in returning aircraft to operational status and/or an increase in the number of spare panels needed to meet maintenance requirements.</p> <p>ADDITIONAL: This project meets the criteria/scope specified in Air Force Handbook 32-1084, Facility Requirements. A preliminary analysis of reasonable options for accomplishing this project (status quo, renovation, upgrade/removal, new construction, leasing) was done. It indicates that there is only one option that will meet operational requirements. Because of this, a full economic analysis was not performed. A certificate of exception has been prepared. Base Civil Engineer: Lt Col Kent H. Nonaka, (302) 677-6768. (Composite Maintenance Shop--1200 SM = 12,912 SF).</p> <p>JOINT USE CERTIFICATION: This facility is programmed for joint use with the Air Force Reserve Command; however, it is fully funded in the active duty appropriation.</p>			

1. COMPONENT AIR FORCE	FY 2007 MILITARY CONSTRUCTION PROJECT DATA (computer generated)		2. DATE
3. INSTALLATION AND LOCATION DOVER AIR FORCE BASE, DELAWARE		4. PROJECT TITLE C-17 ADD/ALTER COMPOSITE MAINTENANCE SHOP	
5. PROGRAM ELEMENT 41130	6. CATEGORY CODE 211-152	7. PROJECT NUMBER FJXT063010	8. PROJECT COST (\$000) 2,600
12. SUPPLEMENTAL DATA:			
a. Estimated Design Data:			
(1) Status:			
(a) Date Design Started			10-JUN-05
(b) Parametric Cost Estimates used to develop costs			YES
* (c) Percent Complete as of 01 JAN 2006			15%
* (d) Date 35% Designed			10-AUG-05
(e) Date Design Complete			10-SEP-06
(f) Energy Study/Life-Cycle analysis was/will be performed			YES
(2) Basis:			
(a) Standard or Definitive Design -			NO
(b) Where Design Was Most Recently Used -			
(3) Total Cost (c) = (a) + (b) or (d) + (e):			(\$000)
(a) Production of Plans and Specifications			156
(b) All Other Design Costs			78
(c) Total			234
(d) Contract			208
(e) In-house			26
(4) Construction Contract Award			07 JAN
(5) Construction Start			07 FEB
(6) Construction Completion			07 DEC
* Indicates completion of Project Definition with Parametric Cost Estimate which is comparable to traditional 35% design to ensure valid scope, cost and executability.			
b. Equipment associated with this project provided from other appropriations:			
EQUIPMENT NOMENCLATURE	PROCURING APPROPRIATION	FISCAL YEAR APPROPRIATED OR REQUESTED	COST (\$000)
COMMUNICATIONS EQUIPMENT	3400	2007	10
FURNITURE	3400	2007	50
MOVING BEAD BLAST	3400	2007	25

1. COMPONENT AIR FORCE	FY 2007 MILITARY CONSTRUCTION PROJECT DATA (computer generated)			2. DATE	
3. INSTALLATION AND LOCATION DOVER AIR FORCE BASE, DELAWARE			4. PROJECT TITLE C-17 ALTER HANGARS		
5. PROGRAM ELEMENT 41130	6. CATEGORY CODE 211-179	7. PROJECT NUMBER FJXT053012	8. PROJECT COST (\$000) 13,400		
9. COST ESTIMATES					
ITEM		U/M	QUANTITY	UNIT	COST
C-17 ALTER HANGARS					9,197
DOORS (715 & 945)		EA	4	500,000	(2,000)
ELECTRICAL SYSTEM UPGRADE (715 & 945)		SM	7,000	415	(2,905)
FUEL VAPOR EXHAUST SYSTEM (715)		EA	4	650,000	(2,600)
ROOF (715)		SM	3,600	470	(1,692)
SUPPORTING FACILITIES					2,860
UTILITIES		LS			(750)
SITE IMPROVEMENTS		LS			(400)
COMMUNICATIONS SUPPORT		LS			(400)
APRON PAVEMENTS (715)		SM	4,500	260	(1,170)
FALL ARRESTING SYSTEM		EA	2	70,000	(140)
SUBTOTAL					12,057
CONTINGENCY (5.0%)					603
TOTAL CONTRACT COST					12,660
SUPERVISION, INSPECTION AND OVERHEAD (5.7%)					722
TOTAL REQUEST					13,381
TOTAL REQUEST (ROUNDED)					13,400
EQUIPMENT FROM OTHER APPROPRIATIONS (NON-ADD)					(600.0)
10. Description of Proposed Construction: Alter two C-5 maintenance hangars to allow for use by both C-17 and C-5 aircraft for fuel cell repairs. Upgrade work includes electrical, fuel vapor exhaust system, roof, structural (doors) and access apron paving.					
Air Conditioning: 0 Tons					
11. Requirement: 7000 SM Adequate: 0 SM Substandard: 7000 SM					
PROJECT: Alter aircraft hangars (Facilities 715 & 945) (New Mission)					
REQUIREMENT: Use of these two hangars by both C-17 and C-5 aircraft for fuel cell maintenance activities. Hangar 945 will be the primary facility for the C-5 while hangar 715 will be primary for the C-17. Hangar access apron is designated medium load Type C Traffic Area pavement for the C-17 gear width plus ten feet on each side with the remainder designated a light load Type C Traffic Area pavement. The first aircraft is scheduled to arrive in June 2007; the operational need date for these facilities is also June 2007. This project is late to need but a short term work around to phase construction has been developed to accommodate the C-17 aircraft as their delivery is ramped up.					
CURRENT SITUATION: These hangars are not full-in hangars; the aft fuselage and tail section are not enclosed. The opening in the hangar doors must be modified to accept both the C-17 and C-5. Both hangars will continue to be heavily used since the C-5 historically requires an aggressive fuels maintenance program. A second facility with the same capabilities is needed to ensure maximum responsiveness to necessary fuel					

1. COMPONENT AIR FORCE	FY 2007 MILITARY CONSTRUCTION PROJECT DATA (computer generated)		2. DATE
3. INSTALLATION AND LOCATION DOVER AIR FORCE BASE, DELAWARE		4. PROJECT TITLE C-17 ALTER HANGARS	
5. PROGRAM ELEMENT 41130	6. CATEGORY CODE 211-179	7. PROJECT NUMBER FJXT053012	8. PROJECT COST (\$000) 13,400
<p>repairs. Hangar 715 requires a fuel tank vapor exhaust system to service four wing fuel tanks similar to the system installed in hangar 945. The built-up-roof (BUR) roof was rated "red" (worst rating possible) by a contract roofing systems evaluation team during a base wide roof assesement. The C-17 has a higher gear loading than the C-5 and due to pavement degradation, apron pavement repairs are needed to comply with UFC 3-260-02 for a Type C traffic area. The electrical systems in both hangars do not meet code for explosion proof systems and the hangar requires a fall protection system to meet AFOSH regulations.</p> <p>IMPACT IF NOT PROVIDED: The aircraft doors will not be able to close around the C-17 aircraft allowing the elements to enter the hangar and restrict maintenance activities. Fuel cell repairs will not be accomplished in a timely manner, delaying the return of aircraft to operational status. Deteriorating roof, electrical systems and apron pavement will eventually lead to closing of the facility for future repairs.</p> <p>ADDITIONAL: This project meets the criteria/scope specified in Air Force Handbook 32-1084, Facility Requirements. A preliminary analysis of reasonable options for accomplishing this project (status quo, renovation, upgrade/removal, new construction, leasing) was done. It indicates that repair of existing facilities will meet operational requirements. Because of this, a full economic analysis will not be performed. A certificate of exception will be prepared. Base Civil Engineer: Lt Col Kent H. Nonaka, (302) 677-6768. (Electrical System Upgrade - 7,000 SM = 75,320 SF; Roof - 3,600 SM = 38,736 SF).</p> <p>JOINT USE CERTIFICATION: This facility is programmed for joint use with the Air Force Reserve Command; however, it is fully funded in the active duty appropriation.</p>			

1. COMPONENT AIR FORCE	FY 2007 MILITARY CONSTRUCTION PROJECT DATA (computer generated)		2. DATE
3. INSTALLATION AND LOCATION DOVER AIR FORCE BASE, DELAWARE		4. PROJECT TITLE C-17 ALTER HANGARS	
5. PROGRAM ELEMENT 41130	6. CATEGORY CODE 211-179	7. PROJECT NUMBER FJXT053012	8. PROJECT COST (\$000) 13,400
12. SUPPLEMENTAL DATA:			
a. Estimated Design Data:			
(1) Status:			
(a) Date Design Started			10-JUN-05
(b) Parametric Cost Estimates used to develop costs			YES
* (c) Percent Complete as of 01 JAN 2006			35%
* (d) Date 35% Designed			10-AUG-05
(e) Date Design Complete			10-SEP-06
(f) Energy Study/Life-Cycle analysis was/will be performed			YES
(2) Basis:			
(a) Standard or Definitive Design -			NO
(b) Where Design Was Most Recently Used -			
(3) Total Cost (c) = (a) + (b) or (d) + (e):			(\$000)
(a) Production of Plans and Specifications			804
(b) All Other Design Costs			402
(c) Total			1,206
(d) Contract			1,072
(e) In-house			134
(4) Construction Contract Award			07 JAN
(5) Construction Start			07 FEB
(6) Construction Completion			08 JUN
* Indicates completion of Project Definition with Parametric Cost Estimate which is comparable to traditional 35% design to ensure valid scope, cost and executability.			
b. Equipment associated with this project provided from other appropriations:			
EQUIPMENT NOMENCLATURE	PROCURING APPROPRIATION	FISCAL YEAR APPROPRIATED OR REQUESTED	COST (\$000)
FURNITURE	3400	2007	500
FALL ARRESTING CABLE	3400	2007	100

1. COMPONENT AIR FORCE			FY 2007 MILITARY CONSTRUCTION PROGRAM				2. DATE				
3. INSTALLATION AND LOCATION EGLIN AIR FORCE BASE, FLORIDA					4. COMMAND: AIR FORCE MATERIEL COMMAND			5. AREA CONST COST INDEX 0.82			
6. Personnel		PERMANENT			STUDENTS			SUPPORTED			TOTAL
Strength		OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV	
AS OF 30 SEP 05		1336	5671	6389	55	207	370				14,028
END FY 2010		1324	5633	6280	55	207	370				13,869
7. INVENTORY DATA (\$000)											
Total Acreage:		463,067									
Inventory Total as of : (30 Sep 05)											2,364,760
Authorization Not Yet in Inventory:											15,521
Authorization Requested in this Program:											19,350
Authorization Included in the Following Program: (FY 2008)											22,000
Planned in Next Three Years Program:											77,537
Remaining Deficiency:											150,883
Grand Total:											2,650,051
8. PROJECTS REQUESTED IN THIS PROGRAM: (FY 2007)											
CATEGORY		PROJECT TITLE		SCOPE		COST \$,000		DESIGN START		STATUS Cmpl	
CODE											
141-165		Replace Explosive Ordnance Disposal Complex		1,301	SM	4,350		Design-Build			
721-312		Dormitory (144 RM)		4,752	SM	15,000		Design-Build			
							19,350				
9a. Future Projects: Included in the Following Program: (FY2008)											
179-371		Ground Combat Training Squadron Complex		3,327	SM	22,000		Design-Build			
						Total	22,000				
9b. Future Projects: Typical Planned Next Three Years:											
218-868		Regional Precision Measurement Equipment Laboratory		2,632	SM	7,637					
316-333		Micro-Nano Munitions Technology Complex		4,575	SM	16,000					
315-327		Joint Test Facility		10,405	SM	20,000					
730-835		Security Forces Complex		3,600	SM	7,100					
740-674		Fitness Center		5,051	SM	18,100					
740-884		Child Development Center		2,817	SM	8,700					
						TOTAL	77,537				
9c. Real Property Maintenance Backlog This Installation										128	
10. Mission or Major Functions: Air Armament Center (AAC) which is responsible for development, acquisition, testing, deployment and sustainment of conventional and nuclear air-delivered weapons; a weapons test wing; an air base wing; an operational test wing; a fighter wing with F-15 aircraft; the Munitions Directorate of the Air Force Research Laboratory; and a space surveillance squadron.											
11. Outstanding pollution and Safety (OSHA Deficiencies):											
a. Air pollution										0	
b. Water Pollution										0	
c. Occupational Safety and Health										0	
d. Other Environmental										0	

1. COMPONENT AIR FORCE	FY 2007 MILITARY CONSTRUCTION PROJECT DATA (computer generated)			2. DATE	
3. INSTALLATION AND LOCATION EGLIN AIR FORCE BASE, FLORIDA			4. PROJECT TITLE REPLACE EXPLOSIVE ORDNANCE DISPOSAL COMPLEX		
5. PROGRAM ELEMENT 72896	6. CATEGORY CODE 141-165	7. PROJECT NUMBER FTFA023004	8. PROJECT COST (\$000) 4,350		
9. COST ESTIMATES					
ITEM		U/M	QUANTITY	UNIT	COST
REPLACE EXPLOSIVE ORDNANCE DISPOSAL COMPLEX					2,793
EXPLOSIVE ORDNANCE DISPOSAL COMPLEX		SM	1,301	2,125	(2,765)
ANTITERRORISM FORCE PROTECTION		SM	1,301	22	(29)
SUPPORTING FACILITIES					1,129
UTILITIES		LS			(420)
PAVEMENTS		LS			(350)
SITE IMPROVEMENTS		LS			(100)
DEMOLITION		SM	1,183	160	(189)
COMMUNICATIONS SUPPORT		LS			(70)
SUBTOTAL					3,923
CONTINGENCY (5.0%)					196
TOTAL CONTRACT COST					4,119
SUPERVISION, INSPECTION AND OVERHEAD (5.7%)					235
TOTAL REQUEST					4,353
TOTAL REQUEST (ROUNDED)					4,350
10. Description of Proposed Construction: One story split faced concrete block building with sloped metal roof to include utilities, parking and landscaping. Facility will include an area for inert munitions display and storage, training classrooms and work areas, and storage areas for munitions maintenance and operational equipment. Demolish two buildings totaling 1,183 SM. Comply with DoD minimum force protection construction standards.					
11. Requirement: 1301 SM Adequate: 0 SM Substandard: 1183 SM					
<u>PROJECT:</u> Replace Explosive Ordnance Disposal (EOD) Complex. (Current Mission)					
<u>REQUIREMENT:</u> A new EOD facility is required to replace the existing facility that is in violation of existing Public Law (10 U.S.C. Sec. 172) due to a change in AFMAN 91-201 requiring the EOD facility to be located at inhabited building distance in relation to explosive clear zones. The new facility must be located in a non-explosive area and is needed to provide for training and day-to-day activities of the EOD squadron. Facility will include munitions display and storage areas for all munitions found on Eglin AFB, space for refresher training, and a storage area for maintenance and de-fusing/de-arming equipment needed to support Eglin AFB as the lead research and development center for EOD robotics. EOD flight personnel and their equipment must be available to provide emergency response and base recovery for munitions mishaps in the explosive storage area. Comply with DoD minimum force protection constructions standards.					
<u>CURRENT SITUATION:</u> The EOD flight is made up of non-munitions maintenance Civil Engineering personnel and is subjected to continuous exposure from six known potential explosive sites (PES). The existing facility (building 914) function was originally considered a related explosive function and as such could be sited within the					

1. COMPONENT AIR FORCE	FY 2007 MILITARY CONSTRUCTION PROJECT DATA (computer generated)		2. DATE
3. INSTALLATION AND LOCATION EGLIN AIR FORCE BASE, FLORIDA		4. PROJECT TITLE REPLACE EXPLOSIVE ORDNANCE DISPOSAL COMPLEX	
5. PROGRAM ELEMENT 72896	6. CATEGORY CODE 141-165	7. PROJECT NUMBER FTFA023004	8. PROJECT COST (\$000) 4,350
<p>Quantity/Distance arcs from other explosive facilities in the area. Eglin AFB has looked at reducing the net explosive weights in the six adjacent known potential explosive sites in order to mitigate the hazard. A safety analysis indicated two of the six sites are operating locations and regardless of the explosives quantities in the facilities the Inhabited Building distance to the EOD facility must be maintained. In addition, Eglin AFB has looked at other facilities on base and has determined there is no other facility that can support the operations of the EOD squadron. Separating the EOD functions into several smaller facilities is unacceptable because fragmentation of the resources will negatively impact the ability of the EOD personnel to perform their mission. As a result, the existing EOD site was grandfathered based on a plan to construct a new facility outside the explosives safety quantity distance arcs prior to 31 Dec 2005. This date was established to coincide with the DoD mandate to complete resiting of baseline explosive facilities IAW AFMAN 91-201, Para. 1.2.4.</p> <p><u>IMPACT IF NOT PROVIDED:</u> EOD personnel will continue to operate on a day-to-day basis within the explosive safety quantity/distance arc in violation of explosive safety standards. In the event of an adjacent explosion injury or death of the EOD personnel may occur and as a result the EOD personnel will not be available to provide emergency response and base recovery capabilities in the explosive storage area.</p> <p><u>ADDITIONAL:</u> This project meets the criteria/scope specified in Air Force Handbook 32-1084, "Facility Requirements". A waiver to the requirement for an economic analysis has been completed due to the explosive safety quantity distance arc violation of explosive safety standards. Base Civil Engineer: Col Timothy P. Gaffney (850) 882-2876. Replace EOD complex: 1,301 SM = 14,004 SF.</p> <p><u>JOINT USE CERTIFICATION:</u> This facility can be used by other components on an "as available" basis; however, the scope of the project is based on Air Force requirements.</p>			

1. COMPONENT AIR FORCE	FY 2007 MILITARY CONSTRUCTION PROJECT DATA (computer generated)		2. DATE
3. INSTALLATION AND LOCATION EGLIN AIR FORCE BASE, FLORIDA		4. PROJECT TITLE REPLACE EXPLOSIVE ORDNANCE DISPOSAL COMPLEX	
5. PROGRAM ELEMENT 72896	6. CATEGORY CODE 141-165	7. PROJECT NUMBER FTFA023004	8. PROJECT COST (\$000) 4,350
<p>12. SUPPLEMENTAL DATA:</p> <p>a. Estimated Design Data:</p> <p>(1) Project to be accomplished by design-build procedures</p> <p>(2) Basis:</p> <p>(a) Standard or Definitive Design - NO</p> <p>(b) Where Design Was Most Recently Used -</p> <p>(3) All Other Design Costs 218</p> <p>(4) Construction Contract Award 06 DEC</p> <p>(5) Construction Start 07 JAN</p> <p>(6) Construction Completion 08 JAN</p> <p>(7) Energy Study/Life-Cycle analysis was/will be performed YES</p> <p>b. Equipment associated with this project provided from other appropriations: N/A</p>			

1. COMPONENT AIR FORCE	FY 2007 MILITARY CONSTRUCTION PROJECT DATA (computer generated)			2. DATE	
3. INSTALLATION AND LOCATION EGLIN AIR FORCE BASE, FLORIDA			4. PROJECT TITLE DORMITORY (144 RM)		
5. PROGRAM ELEMENT 72806	6. CATEGORY CODE 721-312	7. PROJECT NUMBER FTFA033053	8. PROJECT COST (\$000) 15,000		
9. COST ESTIMATES					
ITEM		U/M	QUANTITY	UNIT	COST
DORMITORY (144 RM)					8,858
DORMITORY		SM	4,752	1,850	(8,791)
ANTITERRORISM FORCE PROTECTION		SM	4,752	14	(67)
SUPPORTING FACILITIES					4,708
SITE IMPROVEMENTS		LS			(250)
PAVEMENTS		LS			(450)
DEMOLITION		SM	11,713	124	(1,458)
RELOCATE CHILLER		LS			(2,000)
UTILITIES		LS			(550)
SUBTOTAL					13,566
CONTINGENCY (5.0%)					678
TOTAL CONTRACT COST					14,244
SUPERVISION, INSPECTION AND OVERHEAD (5.7%)					812
TOTAL REQUEST					15,056
TOTAL REQUEST (ROUNDED)					15,000
EQUIPMENT FROM OTHER APPROPRIATIONS (NON-ADD)					(700)
10. Description of Proposed Construction: A multi-story facility with reinforced concrete foundation and floor slabs, masonry walls and roof. Includes room-bath/kitchen-room modules, storage, lounge areas, site preparation, force protection and all other supporting facilities. Demolish one facility (11,713 SM). Comply with DoD force protection requirements per unified facilities criteria. Air Conditioning: 350 Tons Grade Mix: E1-E4 144					
11. Requirement: 1006 RM Adequate: 238 RM Substandard: 994 RM <u>PROJECT:</u> Construct a Dormitory. (Current Mission) <u>REQUIREMENT:</u> A major Air Force objective is to provide unaccompanied enlisted personnel with housing conducive to their proper rest, relaxation and personal well being. Properly designed and furnished quarters providing some degree of individual privacy are essential to the successful accomplishment of the increasingly complicated and important jobs these people must perform. The retention of these highly trained airmen is essential to our readiness posture and continuing world-wide presence. Comply with DoD force protection requirements per unified facilities criteria. <u>CURRENT SITUATION:</u> The base has insufficient on-base housing to accommodate the unaccompanied enlisted personnel. This project is in accordance with the Air Force Dormitory Master Plan. <u>IMPACT IF NOT PROVIDED:</u> Adequate living quarters will continue to be unavailable resulting in degradation of morale, productivity, retention and career satisfaction for unaccompanied enlisted personnel. <u>ADDITIONAL:</u> This project meets the criteria/scope specified in the new uniform barracks construction standard, known as "Dorm-4-Airman Module", established by the AF. All known					

1. COMPONENT AIR FORCE	FY 2007 MILITARY CONSTRUCTION PROJECT DATA (computer generated)		2. DATE
3. INSTALLATION AND LOCATION EGLIN AIR FORCE BASE, FLORIDA		4. PROJECT TITLE DORMITORY (144 RM)	
5. PROGRAM ELEMENT 72806	6. CATEGORY CODE 721-312	7. PROJECT NUMBER FTFA033053	8. PROJECT COST (\$000) 15,000
<p>alternatives were considered during the development of this project. No other option could meet the mission requirements; therefore, no economic analysis was needed or performed. A certificate of exception has been prepared. FY2004 Unaccompanied Housing RPM Conducted: \$525K. FY2005 Unaccompanied Housing RPM Conducted: \$541K. Future Unaccompanied Housing RPM requirements (estimated): FY06: \$557K; FY07: \$574K; FY08: \$591K. Base Civil Engineer Col Timothy P. Gaffney, (850) 882-2876. Dormitory: 4,752 SM = 51,132 SF.</p> <p><u>JOINT USE CERTIFICATION:</u> This facility can be used by other components on an "as available" basis; however, the scope of the project is based on Air Force requirements.</p>			

1. COMPONENT AIR FORCE	FY 2007 MILITARY CONSTRUCTION PROJECT DATA (computer generated)		2. DATE
3. INSTALLATION AND LOCATION EGLIN AIR FORCE BASE, FLORIDA		4. PROJECT TITLE DORMITORY (144 RM)	
5. PROGRAM ELEMENT 72806	6. CATEGORY CODE 721-312	7. PROJECT NUMBER FTFA033053	8. PROJECT COST (\$000) 15,000
12. SUPPLEMENTAL DATA:			
a. Estimated Design Data:			
(1) Project to be accomplished by design-build procedures			
(2) Basis:			
(a) Standard or Definitive Design -			NO
(b) Where Design Was Most Recently Used -			
(3) All Other Design Costs			750
(4) Construction Contract Award			06 DEC
(5) Construction Start			07 FEB
(6) Construction Completion			08 AUG
(7) Energy Study/Life-Cycle analysis was/will be performed			YES
b. Equipment associated with this project provided from other appropriations:			
EQUIPMENT NOMENCLATURE	PROCURING APPRO	FISCAL YEAR APPROPRIATED OR REQUESTED	COST (\$000)
FURNISHINGS	3400	2007	700

1. COMPONENT AIR FORCE		FY 2007 MILITARY CONSTRUCTION PROGRAM					2. DATE					
INSTALLATION AND LOCATION HURLBURT FIELD, FLORIDA					COMMAND: AIR FORCE SPECIAL OPERATIONS COMMAND			5. AREA CONST COST INDEX			0.82	
6. Personnel Strength		PERMANENT			STUDENTS			SUPPORTED			TOTAL	
		OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV		
AS OF 30 Sep 05		971	4985	626	0	0	0	215	731	71	7,599	
END FY 2010		998	5268	626	0	0	0	215	731	71	7,909	
7. INVENTORY DATA (\$000)												
Total Acreage:		6,634										
Inventory Total as of : (30 Sep 05)											783,725	
Authorization Not Yet in Inventory:											36,300	
Authorization Requested in this Program:		(FY2007)									32,950	
Authorization Included in the Following Program:		(FY2008)									2,633	
Planned in Next Three Year Program:											63,708	
Remaining Deficiency:											58,100	
Grand Total:											977,416	
8. PROJECTS REQUESTED IN THIS PROGRAM: (FY2007)												
CATEGORY		PROJECT TITLE					SCOPE	COST	DESIGN	STATUS		
CODE							\$,000	START	Cmpl			
610-284	Joint Operational Planning Facility					2,230 SM	7,250	Design	Build			
730-835	Add/Alter Security Force Operations					1,158 SM	1,900	Apr-05	Sep-06			
214-425	Vehicle Maintenance Facility					3,031 SM	7,000	Apr-05	Sep-06			
130-142	Fire/Crash Rescue Station					3,040 SM	6,400	Apr-05	Sep-06			
721-312	Dormitory (50 RM)					2,700 SM	8,400	Design	Build			
851-147	Realign Cruz Avenue					460 LM	2,000	Apr-05	Sep-06			
Total							32,950					
9a. FUTURE PROJECTS: Included in the Following Program: (FY2008)												
724-417	Add to Visiting Quarters					1,060 SM	2,633					
Total							2,633					
9b. FUTURE PROJECTS: Typical Planned Next Four Years:												
442-758	Mobility Warehouse (823 RHS)					1,200 SM	\$4,500					
141-454	ADAL USAF SOS Facility					950 SM	\$2,800					
610-243	505th Exercise/Group Headquarters I					10,387 SM	\$24,000					
851-147	Realign Cruz Avenue, Phase 2					550 LM	\$3,000					
214-425	Refueling Vehicle Maintenance Facility					395 SM	\$4,700					
442-758	Supply Warehouse					20,158 SM	\$19,500					
214-121	Vehicle Ops Admin Facility					1,289 SM	\$2,699					
610-284	16th Contracting Squadron Facility					930 SM	\$2,509					
Total							63,708					
9c. REAL PROPERTY MAINTENANCE BACKLOG THIS INSTALLATION									41.5			
10. MISSION OR MAJOR FUNCTIONS: Headquarters Air Force Special Operations Command; a special operations wing with AC-130/MC-130/MH-53/MH-60/UH-1 special operations squadrons; Air Force Special Operations School; a special tactics group; Air Force Command and Control Training & Innovation Group; a RED HORSE squadron; and the Air Force Combat Weather Center.												
11. OUTSTANDING POLLUTION AND SAFETY (OSHA DEFICIENCIES):												
a. Air pollution											0	
b. Water Pollution											0	
c. Occupational Safety and Health											0	
d. Other Environmental											0	

1. COMPONENT AIR FORCE	FY 2007 MILITARY CONSTRUCTION PROJECT DATA (computer generated)			2. DATE	
3. INSTALLATION AND LOCATION HURLBURT FIELD, FLORIDA			4. PROJECT TITLE JOINT OPERATIONAL PLANNING FACILITY		
5. PROGRAM ELEMENT 27596	6. CATEGORY CODE 610-284	7. PROJECT NUMBER FTEV023011	8. PROJECT COST (\$000) 7,250		
9. COST ESTIMATES					
ITEM		U/M	QUANTITY	UNIT	COST
JOINT OPERATIONAL PLANNING FACILITY					4,393
JOINT OPERATIONAL PLANNING FACILITY		SM	2,230	1,950	(4,349)
ANTITERRORISM/FORCE PROTECTION		SM	2,230	20	(45)
SUPPORTING FACILITIES					2,150
UTILITIES		LS			(950)
PAVEMENTS		LS			(650)
SITE IMPROVEMENTS		LS			(400)
COMMUNICATION		LS			(150)
SUBTOTAL					6,543
CONTINGENCY (5.0%)					327
TOTAL CONTRACT COST					6,870
SUPERVISION, INSPECTION AND OVERHEAD (5.7%)					392
TOTAL REQUEST					7,262
TOTAL REQUEST (ROUNDED)					7,250
EQUIPMENT FROM OTHER APPROPRIATIONS (NON-ADD)					(1,200)
<p>10. Description of Proposed Construction: Reinforced concrete slab and foundation, structural steel framing, exterior load-bearing masonry walls and masonry veneer, light gauge metal interior framing and sloped standing seam metal roofing. Functional areas include an Auditorium, Senior Meeting Room, mission planning and Briefing/Conference Rooms, classified briefing area, lobby, audio/visual support, administrative areas, restrooms, mechanical, electrical and storage spaces also included. Includes utilities, pavements, site improvements and all other support. Comply with DoD force protection requirements per unified facilities criteria.</p> <p>Air Conditioning: 60 Tons</p>					
<p>11. Requirement: 14878 SM Adequate: 12648 SM Substandard: 177 SM</p> <p><u>PROJECT:</u> Joint operational planning facility. (Current Mission)</p> <p><u>REQUIREMENT:</u> An adequate facility is required to support up to 350 USAF, AFSOC, USSOCOM and Joint Unit personnel in a single auditorium for high-level classified and unclassified meetings and briefings. Provide four (4) additional 50-person briefing rooms; the facility will support concurrent meetings and briefings. Provisions for separate breakout room to support a 90-person capacity. Force protection will comply with minimum DoD standards.</p> <p><u>CURRENT SITUATION:</u> Currently, Hurlburt Field has no single facility to accommodate large numbers of Air Force, AFSOC, USSOCOM and Joint Unit personnel for high-level classified and unclassified planning meetings and briefings. AFSOC must compete within the private sector market and economy to locate, schedule and lease large-capacity meeting facilities in the local metropolitan Ft. Walton Beach / Destin area. Locally available off-base facilities, which may be unavailable at critical times, cannot routinely provide adequate (secure) meeting facilities for sensitive classified</p>					

1. COMPONENT AIR FORCE	FY 2007 MILITARY CONSTRUCTION PROJECT DATA (computer generated)		2. DATE
3. INSTALLATION AND LOCATION HURLBURT FIELD, FLORIDA		4. PROJECT TITLE JOINT OPERATIONAL PLANNING FACILITY	
5. PROGRAM ELEMENT 27596	6. CATEGORY CODE 610-284	7. PROJECT NUMBER FTEV023011	8. PROJECT COST (\$000) 7,250
<p>briefings and meetings. These venues also do not provide adequate Force Protection measures for military personnel attending such events. Scheduling and conducting such functions in private-sector locations becomes extremely difficult and exposes large gatherings of military personnel to unacceptable risks. Since security measures to conduct a classified briefing in an unsecured area are so involved and manpower intensive, this precludes most classified conferences from being held off base.</p> <p><u>IMPACT IF NOT PROVIDED:</u> The lack of an adequate facility poses security problem for planning sessions and meetings with sensitive information. This often leaves voids in information that is required for efficient and effective planning. In situations where secure briefings must be conducted, it will continue to be held in unsecured facilities with limited classification leve.</p> <p><u>ADDITIONAL:</u> This project meets the criteria/scope specified in Air Force Handbook 32-1084, "Facility Requirements". A preliminary analysis of reasonable options for accomplishing this project (status quo, renovation, upgrade/removal, new construction) was done. It indicates there is only one option that will meet operational requirements. A certificate of exception has been prepared. Base Civil Engineer: Lt Col Jeffrey L. Pitchford, Phone 850-884-7701. Joint Operational Planning Facility: 2230 SM = 24,000 SF.</p> <p><u>JOINT USE CERTIFICATION:</u> This facility can be used by other components on an as available basis; however, the scope of the project is based on Air Force requirements.</p>			

1. COMPONENT AIR FORCE	FY 2007 MILITARY CONSTRUCTION PROJECT DATA (computer generated)		2. DATE
3. INSTALLATION AND LOCATION HURLBURT FIELD, FLORIDA		4. PROJECT TITLE JOINT OPERATIONAL PLANNING FACILITY	
5. PROGRAM ELEMENT 27596	6. CATEGORY CODE 610-284	7. PROJECT NUMBER FTEV023011	8. PROJECT COST (\$000) 7,250
12. SUPPLEMENTAL DATA:			
a. Estimated Design Data:			
(1) Project to be accomplished by design-build procedures			
(2) Basis:			
(a) Standard or Definitive Design -			NO
(b) Where Design Was Most Recently Used -			
(3) All Other Design Costs			363
(4) Construction Contract Award			07 JAN
(5) Construction Start			07 FEB
(6) Construction Completion			08 MAY
(7) Energy Study/Life-Cycle analysis was/will be performed			YES
b. Equipment associated with this project provided from other appropriations:			
EQUIPMENT NOMENCLATURE	PROCURING APPRO	FISCAL YEAR APPROPRIATED OR REQUESTED	COST (\$000)
FURNISHINGS	3400	2008	1,100
COMMUNICATION EQUIPMENT	3400	2008	100

1. COMPONENT AIR FORCE	FY 2007 MILITARY CONSTRUCTION PROJECT DATA (computer generated)			2. DATE	
3. INSTALLATION AND LOCATION HURLBURT FIELD, FLORIDA		4. PROJECT TITLE ADAL SECURITY FORCE OPERATIONS			
5. PROGRAM ELEMENT 27596	6. CATEGORY CODE 730-835	7. PROJECT NUMBER FTEV943001	8. PROJECT COST (\$000) 1,900		
9. COST ESTIMATES					
ITEM		U/M	QUANTITY	UNIT	COST
ADAL SECURITY FORCES OPERATIONS					1,343
ADDITION		SM	536	1,655	(887)
ALTERATIONS		SM	622	720	(448)
ANTITERRORISM FORCE PROTECTION		SM	1,158	7	(8)
SUPPORTING FACILITIES					365
UTILITIES		LS			(100)
SITE IMPROVEMENTS		LS			(35)
PAVEMENTS		LS			(85)
COMMUNICATION SYSTEM		LS			(145)
SUBTOTAL					1,708
CONTINGENCY (5.0%)					85
TOTAL CONTRACT COST					1,793
SUPERVISION, INSPECTION AND OVERHEAD (5.7%)					102
TOTAL REQUEST					1,896
TOTAL REQUEST (ROUNDED)					1,900
EQUIPMENT FROM OTHER APPROPRIATIONS (NON-ADD)					(110.0)
10. Description of Proposed Construction: Reinforced concrete foundation and floor slab, masonry walls, and sloped metal roof. Functional areas include administration, guardmount, conference, locker and shower rooms, and a temporary holding cell. Alter interior of existing facility to accommodate addition. Comply with DoD force protection requirements per unified facilities criteria. Air Conditioning: 30 Tons					
11. Requirement: 1851 SM Adequate: 693 SM Substandard: 622 SM PROJECT: ADAL Security Forces Operations. (Current Mission). REQUIREMENT: This project is required to provide space for administration functions, guardmount and conference room, lockers and shower rooms due to increases from 80 to 223 personnel. In addition, 60 Army National Guard personnel have been deployed to Hurlburt Field to augment security forces in support of Global War on Terrorism. Comply with DoD force protection requirements per unified facilities criteria. CURRENT SITUATION: The existing facility was constructed in 1979 for 80 personnel. There is insufficient space in the existing facility for administrative personnel, guardmount or locker/shower rooms to accommodate the increases in unit manning. Daily guardmount briefings and squadron training compete for the same 400 SF training room. In addition, lack of holding cells have forced the security personnel to use office space to separate witnesses from suspects. Due to lack of space, the security forces analysis section is operating out of temporary space away from the operations facility. IMPACT IF NOT PROVIDED: Security forces will continue to be operate in a poorly configured and inadequately sized facility. As the additional personnel are assigned to the unit, this will further decline the morale and performance of these personnel.					

1. COMPONENT AIR FORCE	FY 2007 MILITARY CONSTRUCTION PROJECT DATA (computer generated)		2. DATE
3. INSTALLATION AND LOCATION HURLBURT FIELD, FLORIDA		4. PROJECT TITLE ADAL SECURITY FORCE OPERATIONS	
5. PROGRAM ELEMENT 27596	6. CATEGORY CODE 730-835	7. PROJECT NUMBER FTEV943001	8. PROJECT COST (\$000) 1,900
<p>ADDITIONAL: This project does meet the criteria/scope specified in Air Force Handbook 32-1084, "Facility Requirements". A preliminary analysis of reasonable options was done and indicates only one-option meets operational requirements. Base Civil Engineer: Jeffrey L. Pitchford, Lt Col, 850-884-7701. Addition: 536 SM = 5,768 SF; Alterations: 622 SM = 6,693 SF.</p> <p>JOINT USE CERTIFICATION: This facility can be used by other components on an "as available" basis; however, the scope of this project is based on Air Force requirements.</p>			

1. COMPONENT AIR FORCE	FY 2007 MILITARY CONSTRUCTION PROJECT DATA (computer generated)		2. DATE
3. INSTALLATION AND LOCATION HURLBURT FIELD, FLORIDA		4. PROJECT TITLE ADAL SECURITY FORCE OPERATIONS	
5. PROGRAM ELEMENT 27596	6. CATEGORY CODE 730-835	7. PROJECT NUMBER FTEV943001	8. PROJECT COST (\$000) 1,900
12. SUPPLEMENTAL DATA:			
a. Estimated Design Data:			
(1) Status:			
(a) Date Design Started			15-APR-05
(b) Parametric Cost Estimates used to develop costs			YES
* (c) Percent Complete as of 01 JAN 2006			15%
* (d) Date 35% Designed			15-SEP-05
(e) Date Design Complete			15-SEP-06
(f) Energy Study/Life-Cycle analysis was/will be performed			YES
(2) Basis:			
(a) Standard or Definitive Design -			NO
(b) Where Design Was Most Recently Used -			
(3) Total Cost (c) = (a) + (b) or (d) + (e):			(\$000)
(a) Production of Plans and Specifications			114
(b) All Other Design Costs			57
(c) Total			171
(d) Contract			150
(e) In-house			21
(4) Construction Contract Award			06 DEC
(5) Construction Start			07 JAN
(6) Construction Completion			07 DEC
* Indicates completion of Project Definition with Parametric Cost Estimate which is comparable to traditional 35% design to ensure valid scope, cost and executability.			
b. Equipment associated with this project provided from other appropriations:			
EQUIPMENT NOMENCLATURE	PROCURING APPROPRIATION	FISCAL YEAR APPROPRIATED OR REQUESTED	COST (\$000)
SYSTEM FURNITURE	3400	2007	50
COMMUNICATION EQUIPMENT	3400	2007	60

1. COMPONENT AIR FORCE	FY 2007 MILITARY CONSTRUCTION PROJECT DATA (computer generated)			2. DATE	
3. INSTALLATION AND LOCATION HURLBURT FIELD, FLORIDA		4. PROJECT TITLE VEHICLE MAINTENANCE FACILITY (823 RHS)			
5. PROGRAM ELEMENT 27596	6. CATEGORY CODE 214-425	7. PROJECT NUMBER FTEV003009	8. PROJECT COST (\$000) 7,000		
9. COST ESTIMATES					
ITEM		U/M	QUANTITY	UNIT	COST
VEHICLE MAINTENANCE FACILITY					4,249
VEHICLE MAINTENANCE FACILITY		SM	3,031	1,388	(4,207)
ANTITERRORISM/FORCE PROTECTION		SM	3,031	14	(42)
SUPPORTING FACILITIES					2,052
UTILITIES		LS			(400)
PAVEMENTS		SM	17,150	45	(772)
SITE IMPROVEMENTS		LS			(289)
DEMOLITION		SM	2,600	104	(270)
ASBESTOS ABATEMENT		SM	1,200	140	(168)
COMMUNICATIONS		LS			(79)
TEMPORARY FACILITY		LS			(74)
SUBTOTAL					6,301
CONTINGENCY (5.0%)					315
TOTAL CONTRACT COST					6,616
SUPERVISION, INSPECTION AND OVERHEAD (5.7%)					377
TOTAL REQUEST					6,994
TOTAL REQUEST (ROUNDED)					7,000
EQUIPMENT FROM OTHER APPROPRIATIONS (NON-ADD)					(175.0)
10. Description of Proposed Construction: Reinforced concrete foundation, pre-engineered steel frame walls, standing seam metal roof, overhead crane, hydraulic lifts, utilities, compressed air system, fire detection/protection, oil/water separator, fuel spill containment area, pavements, site improvements, landscaping, and demolition of three facilities (2,600 SM). Includes minimum DoD force protection standards. Air Conditioning: 140 Tons					
11. Requirement: 3849 SM Adequate: 818 SM Substandard: 2600 SM PROJECT: Construct Vehicle Maintenance Facility (Current Mission). REQUIREMENT: Provide a facility to maintain special purpose heavy construction equipment and general purpose vehicles vital to the RED HORSE mission. Facility will be configured to provide 10 drive-through maintenance bays capable of servicing two vehicles at once. One bay must be capable of servicing 80' tractor trailers, two bays must possess hydraulic lifts, and two bays must possess an overhead crane system. Two bays must be equipped to handle tracked vehicles, and possess special loading rails and tool access floor systems. Supporting facility costs are higher than 25% due to the requirement for pavements to support tracked vehicles and other heavy duty vehicles. Facility must include exterior and interior compressed air stations, an interior vehicle exhaust system, a fuel spill containment system, mechanical shop ventilation, battery and parts storage areas, and administrative support areas complete with HVAC. Construction phasing will be required. The vehicle maintenance complex is restricted in space so the new facility will go on the footprint of the existing facility. Therefore,					

1. COMPONENT AIR FORCE	FY 2007 MILITARY CONSTRUCTION PROJECT DATA (computer generated)			2. DATE
3. INSTALLATION AND LOCATION HURLBURT FIELD, FLORIDA			4. PROJECT TITLE VEHICLE MAINTENANCE FACILITY (823 RHS)	
5. PROGRAM ELEMENT 27596	6. CATEGORY CODE 214-425	7. PROJECT NUMBER FTEV003009	8. PROJECT COST (\$000) 7,000	
<p>a temporary facility is required to house the vehicle maintenance function during construction. Temporary utilities to support temporary structures are also required. Must comply with minimum DoD force protection standards.</p> <p>CURRENT SITUATION: Vehicle maintenance functions currently operate from three substandard facilities. The primary facility was constructed in 1967 as a temporary helicopter hangar and retrofitted in 1974 for RED HORSE use. All infrastructure systems require immediate replacement. The facility does not ventilate harmful fumes adequately and violates current life and industrial safety standards. The lighting, electrical, and heating systems are inadequate. The floor slabs are cracked and uneven, resulting in poor drainage and spill control. The roofs leak and are beyond useful repair. All the doors are out of alignment and are severely deteriorated. The exterior of the facility lacks adequate environmental containment, and as such runs the risk of hazardous spills and environmental fines and penalties. The existing facilities are poorly configured and do not meet mission requirements. Personnel are often forced to work outside in extreme temperatures, with limited access to tools, parts, and equipment. Consolidating vehicle maintenance activities will improve mission capability by increasing worker efficiency and free valuable real estate for other critical uses. Workers will gain the space and equipment necessary for the safe and professional work environment needed to meet RED HORSE mobility requirements. RED HORSE has seen vehicle fleet growth of approximately 16 vehicles due to the incorporation of airborne operations. The 823rd RED HORSE is also the pilot unit for testing new vehicles and equipment which require additional space for analysis, training and maintenance activities. In addition, they are authorized to acquire "special capability" equipment, known as "X-reg" equipment that accounts for approximately 110 additional items requiring maintenance.</p> <p>IMPACT IF NOT PROVIDED: Personnel will continue to be subjected to hazardous working conditions, and environmental risks will go unabated. With the expansion of the RED HORSE vehicle fleet and the continued use of oversized pieces of equipment, more mechanics will be forced to work outside in extreme temperatures with reduced accessibility to tools and parts. With the continued facility deterioration and simultaneous vehicle fleet growth, it will become increasingly difficult to perform safe, proper, and adequate maintenance necessary to meet mission requirements.</p> <p>ADDITIONAL: This project meets the criteria/scope specified in Air Force Handbook 32-1084, "Facility Requirements." A preliminary analysis of reasonable options for accomplishing this project (status quo, renovation, new construction) was done. It indicates there is only one option that will meet operational requirements. A certificate of exception has been prepared. Base Civil Engineer: Lt Col Jeffrey L. Pitchford; 850-884-7701. (Vehicle Maintenance Facility: 3,031 SM = 32,614 SF)</p> <p>JOINT USE CERTIFICATION: Mission requirements, operational considerations, and location are incompatible with use by other components.</p>				

1. COMPONENT AIR FORCE	FY 2007 MILITARY CONSTRUCTION PROJECT DATA (computer generated)		2. DATE
3. INSTALLATION AND LOCATION HURLBURT FIELD, FLORIDA		4. PROJECT TITLE VEHICLE MAINTENANCE FACILITY (823 RHS)	
5. PROGRAM ELEMENT 27596	6. CATEGORY CODE 214-425	7. PROJECT NUMBER FTEV003009	8. PROJECT COST (\$000) 7,000
12. SUPPLEMENTAL DATA:			
a. Estimated Design Data:			
(1) Status:			
(a) Date Design Started			15-APR-05
(b) Parametric Cost Estimates used to develop costs			YES
* (c) Percent Complete as of 01 JAN 2006			15%
* (d) Date 35% Designed			01-AUG-05
(e) Date Design Complete			01-SEP-06
(f) Energy Study/Life-Cycle analysis was/will be performed			YES
(2) Basis:			
(a) Standard or Definitive Design -			NO
(b) Where Design Was Most Recently Used -			
(3) Total Cost (c) = (a) + (b) or (d) + (e):			(\$000)
(a) Production of Plans and Specifications			420
(b) All Other Design Costs			210
(c) Total			630
(d) Contract			560
(e) In-house			70
(4) Construction Contract Award			07 JAN
(5) Construction Start			07 FEB
(6) Construction Completion			08 JUN
* Indicates completion of Project Definition with Parametric Cost Estimate which is comparable to traditional 35% design to ensure valid scope, cost and executability.			
b. Equipment associated with this project provided from other appropriations:			
EQUIPMENT NOMENCLATURE	PROCURING APPROPRIATION	FISCAL YEAR APPROPRIATED OR REQUESTED	COST (\$000)
FURNITURE	3400	2006	175

1. COMPONENT AIR FORCE	FY 2007 MILITARY CONSTRUCTION PROJECT DATA (computer generated)			2. DATE	
3. INSTALLATION AND LOCATION HURLBURT FIELD, FLORIDA		4. PROJECT TITLE FIRE CRASH/RESCUE STATION			
5. PROGRAM ELEMENT 27596	6. CATEGORY CODE 130-142	7. PROJECT NUMBER FTEV973018	8. PROJECT COST (\$000) 6,400		
9. COST ESTIMATES					
ITEM		U/M	QUANTITY	UNIT	COST
FIRE CRASH/RESCUE STATION					4,503
FIRE STATION		SM	3,040	1,475	(4,484)
ANTITERRORISM FORCE PROTECTION		SM	3,040	6	(19)
SUPPORTING FACILITIES					1,275
COMMUNICATION SYSTEM		LS			(170)
UTILITIES		LS			(350)
PAVEMENTS		LS			(400)
SITE IMPROVEMENTS		LS			(150)
OIL/WATER SEPARATOR		EA	1	34,000	(34)
DEMOLITION		SM	3,055	56	(171)
SUBTOTAL					5,778
CONTINGENCY (5.0%)					289
TOTAL CONTRACT COST					6,067
SUPERVISION, INSPECTION AND OVERHEAD (5.7%)					346
TOTAL REQUEST					6,413
TOTAL REQUEST (ROUNDED)					6,400
EQUIPMENT FROM OTHER APPROPRIATIONS (NON-ADD)					(115.0)
<p>10. Description of Proposed Construction: Foundation and floor slab, masonry walls, steel frame and sloping metal roof. Functional areas include admin space, bunk, locker, fitness, conference, alarm, dayroom, kitchen, extinguisher maint, storage, oil/water separator, and vehicle bays. Includes utilities pavement and all other support. Comply with DoD force protection requirements per unified facilities criteria. Demolish four facilities (3,055 SM).</p> <p>Air Conditioning: 105 Tons</p>					
<p>11. Requirement: 3040 SM Adequate: 0 SM Substandard: 3055 SM</p> <p>PROJECT: Construct a fire crash/rescue station. (Current Mission).</p> <p>REQUIREMENT: This project is required to provide an adequate crash/rescue operation, located on the flight line to protect 56 permanently assigned and 13 additional C-130 aircraft scheduled to arrive from FY06 to FY10.</p> <p>CURRENT SITUATION: The existing wood frame structure built in 1956 is inadequate and poorly configured to support 72 personnel and 16 pieces of major fire protection equipment. In addition, the mechanical, and electrical systems are old and antiquated and can not be economically upgraded. The mechanical system does not provide adequate heating/cooling to fireman's quarters and the administrative office areas. The electrical system is insufficient to support existing loads. Electrical circuit breakers are reset frequently due to high demands of office computers and equipments. In the vehicle bay area, the concrete floor is sinking due to age of concrete floor slab and heavy weight of new fire protection equipment.</p> <p>IMPACT IF NOT PROVIDED: Firemen will continue to operate in a facility that is poorly</p>					

1. COMPONENT AIR FORCE	FY 2007 MILITARY CONSTRUCTION PROJECT DATA (computer generated)		2. DATE
3. INSTALLATION AND LOCATION HURLBURT FIELD, FLORIDA		4. PROJECT TITLE FIRE CRASH/RESCUE STATION	
5. PROGRAM ELEMENT 27596	6. CATEGORY CODE 130-142	7. PROJECT NUMBER FTEV973018	8. PROJECT COST (\$000) 6,400
<p>configured and with deteriorated structural, mechanical, and electrical systems. This will impact the morale and well being of the personnel working under such conditions.</p> <p>ADDITIONAL: This project does meet the criteria/scope specified in Air Force Handbook 32-1084, "Facility Requirements". A preliminary analysis of reasonable options for accomplishing this project (status quo, renovation, upgrade/removal, new construction) was done, it indicates only one-option meets operational requirements. A certificate of exception has been prepared. BASE CIVIL ENGINEER:: Jeffrey L. Pitchford, Lt Col, (850) 884-7701. Fire Station: 3,040 SM = 32,710 SF.</p> <p>JOINT USE CERTIFICATION: This facility can be used by other components on an "as available" basis, however, the scope of the project is based on Air Force requirements.</p>			

1. COMPONENT AIR FORCE	FY 2007 MILITARY CONSTRUCTION PROJECT DATA (computer generated)		2. DATE
3. INSTALLATION AND LOCATION HURLBURT FIELD, FLORIDA		4. PROJECT TITLE FIRE CRASH/RESCUE STATION	
5. PROGRAM ELEMENT 27596	6. CATEGORY CODE 130-142	7. PROJECT NUMBER FTEV973018	8. PROJECT COST (\$000) 6,400
12. SUPPLEMENTAL DATA:			
a. Estimated Design Data:			
(1) Status:			
(a) Date Design Started			30-APR-05
(b) Parametric Cost Estimates used to develop costs			YES
* (c) Percent Complete as of 01 JAN 2006			15%
* (d) Date 35% Designed			15-SEP-05
(e) Date Design Complete			15-SEP-06
(f) Energy Study/Life-Cycle analysis was/will be performed			YES
(2) Basis:			
(a) Standard or Definitive Design -			NO
(b) Where Design Was Most Recently Used -			
(3) Total Cost (c) = (a) + (b) or (d) + (e):			(\$000)
(a) Production of Plans and Specifications			384
(b) All Other Design Costs			192
(c) Total			576
(d) Contract			450
(e) In-house			126
(4) Construction Contract Award			06 DEC
(5) Construction Start			07 JAN
(6) Construction Completion			08 MAR
* Indicates completion of Project Definition with Parametric Cost Estimate which is comparable to traditional 35% design to ensure valid scope, cost and executability.			
b. Equipment associated with this project provided from other appropriations:			
EQUIPMENT NOMENCLATURE	PROCURING APPROPRIATION	FISCAL YEAR APPROPRIATED OR REQUESTED	COST (\$000)
PREWIRED WORK STATION	3400	2007	55
COMMUNICATION EQUIPMENT	3400	2007	60

1. COMPONENT AIR FORCE	FY 2007 MILITARY CONSTRUCTION PROJECT DATA (computer generated)			2. DATE	
3. INSTALLATION AND LOCATION HURLBURT FIELD, FLORIDA			4. PROJECT TITLE DORMITORY, 50-ROOMS		
5. PROGRAM ELEMENT 27418	6. CATEGORY CODE 721-313	7. PROJECT NUMBER FTEV063007	8. PROJECT COST (\$000) 8,400		
9. COST ESTIMATES					
ITEM		U/M	QUANTITY	UNIT	COST
STUDENT DORMITORY					5,551
STUDENT DORMITORY (50 RMS)		SM	2,700	2,056	(5,551)
SUPPORTING FACILITIES					2,030
UTILITIES		LS			(533)
PAVEMENTS		LS			(568)
SITE IMPROVEMENTS		LS			(522)
COMMUNICATIONS		LS			(53)
DEMOLITION (BLDGS 90329 & 90330)		SM	4,970	61	(303)
ASBESTOS ABATEMENT		LS			(50)
SUBTOTAL					7,581
CONTINGENCY (5.0%)					379
TOTAL CONTRACT COST					7,960
SUPERVISION, INSPECTION AND OVERHEAD (5.7%)					454
TOTAL REQUEST					8,414
TOTAL REQUEST (ROUNDED)					8,400
EQUIPMENT FROM OTHER APPROPRIATIONS (NON-ADD)					(875)
10. Description of Proposed Construction: Reinforced concrete foundation and floor slabs, masonry walls with brick veneer, standing seam metal roof, and fire suppression. Includes room-bath modules (2 students per room), training support areas, laundry, storage areas, parking, walkways, and communications support. Includes antiterrorism/force protection requirements identified in DoD unified facilities criteria. Air Conditioning: 75 Tons Grade Mix: E1-E4 100					
11. Requirement: 233 PN Adequate: 133 PN Substandard: 0 PN <u>PROJECT:</u> Construct a 50-room, 100 person pipeline student dormitory. (Current Mission) <u>REQUIREMENT:</u> Properly sized and configured dormitories are required to support training of students. A major Air Force objective provides unaccompanied enlisted personnel with housing conducive to their proper rest, relaxation and personal well-being while providing a suitable study environment. Properly designed and furnished quarters providing some degree of individual privacy, are essential to the successful accomplishment of the increasingly complicated and important jobs these people are training for and must perform. Space is required for Military Training Leaders (MTL) offices and pipeline student population. Force protection measures will be incorporated with the DoD unified facilities criteria. This project is in accordance with the Air Force Dormitory Master Plan. <u>CURRENT SITUATION:</u> The base currently has insufficient on-base housing to accommodate the pipeline student enlisted personnel. Insufficient dormitory capacity has held student enrollment at artificially low levels and training cannot keep up with demand. Existing facilities are over forty years old and are not economically feasible to					

1. COMPONENT AIR FORCE	FY 2007 MILITARY CONSTRUCTION PROJECT DATA (computer generated)		2. DATE
3. INSTALLATION AND LOCATION HURLBURT FIELD, FLORIDA		4. PROJECT TITLE DORMITORY, 50-ROOMS	
5. PROGRAM ELEMENT 27418	6. CATEGORY CODE 721-313	7. PROJECT NUMBER FTEV063007	8. PROJECT COST (\$000) 8,400
<p>renovate or improve. The poor condition of these forty year old dorms leads to poor moral and a very unprofessional training environment.</p> <p><u>IMPACT IF NOT PROVIDED:</u> A properly sized and configured dormitory is necessary to begin conversion to the new dormitory standard for non-prior students to begin eliminating the room deficiency. Non-availability of adequate living quarters will result in degraded morale, productivity, and career satisfaction for this student population.</p> <p><u>ADDITIONAL:</u> This dormitory design will conform with the pipeline dormitory standard established by the Air Force for airmen attending initial skills training. All known alternatives options were considered during the development of this project. No other options could be meet mission requirements. Therefore, no economic analysis was performed. A certificate of exception has been prepared. Base Civil Engineer: Major Mark A. Russo, DSN 579-7701.</p> <p><u>JOINT USE CERTIFICATION:</u> This facility can be used by other components on an "as available" basis; however, the scope of the project is based on Air Force requirements.</p>			

1. COMPONENT AIR FORCE	FY 2007 MILITARY CONSTRUCTION PROJECT DATA (computer generated)		2. DATE
3. INSTALLATION AND LOCATION HURLBURT FIELD, FLORIDA		4. PROJECT TITLE DORMITORY, 50-ROOMS	
5. PROGRAM ELEMENT 27418	6. CATEGORY CODE 721-313	7. PROJECT NUMBER FTEV063007	8. PROJECT COST (\$000) 8,400
12. SUPPLEMENTAL DATA:			
a. Estimated Design Data:			
(1) Project to be accomplished by design-build procedures			
(2) Basis:			
(a) Standard or Definitive Design -			NO
(b) Where Design Was Most Recently Used -			
(3) All Other Design Costs			420
(4) Construction Contract Award			07 JAN
(5) Construction Start			07 FEB
(6) Construction Completion			07 NOV
(7) Energy Study/Life-Cycle analysis was/will be performed			NO
b. Equipment associated with this project provided from other appropriations:			
EQUIPMENT NOMENCLATURE	PROCURING APPRO	FISCAL YEAR APPROPRIATED OR REQUESTED	COST (\$000)
FURNITURE	3400	2008	800
COMMUNICATION EQUIPMENT	3400	2008	75

1. COMPONENT AIR FORCE	FY 2007 MILITARY CONSTRUCTION PROJECT DATA (computer generated)			2. DATE	
3. INSTALLATION AND LOCATION HURLBURT FIELD, FLORIDA		4. PROJECT TITLE REALIGN CRUZ AVENUE			
5. PROGRAM ELEMENT 27596	6. CATEGORY CODE 851-147	7. PROJECT NUMBER FTEV033014	8. PROJECT COST (\$000) 2,000		
9. COST ESTIMATES					
ITEM		U/M	QUANTITY	UNIT	COST
REALIGN CRUZ AVENUE					925
REALIGN CRUZ AVENUE		LM	460	2,010	(925)
SUPPORTING FACILITIES					886
UTILITIES		LS			(400)
SITE IMPROVEMENTS		LS			(250)
PARKING PAVEMENTS		LS			(225)
DEMO BLDG 90604		SM	99	110	(11)
SUBTOTAL					1,810
CONTINGENCY (5.0%)					91
TOTAL CONTRACT COST					1,901
SUPERVISION, INSPECTION AND OVERHEAD (5.7%)					108
TOTAL REQUEST					2,009
TOTAL REQUEST (ROUNDED)					2,000
10. Description of Proposed Construction: Demolish road and parking pavements, demolish curbs and sidewalks. Construct two lane asphalt road, including fill and compaction, culverts and retaining walls along existing ditch, curbs and sidewalks, sodding and striping. Includes relocation of electrical and water lines, 200 parking spaces and site improvements/mitigation as required.					
11. Requirement: 460 LM Adequate: 0 LM Substandard: 460 LM					
PROJECT: Realign Cruz Avenue. (Current Mission)					
REQUIREMENT: This project is required to realign Cruz Avenue to provide adequate stand-off distances from existing and future planned facilities in support of the FY09 beddown of additional C-130 aircraft at Hurlburt Field. This project will provide better access and adequate parking spaces to facilities located on the north-west side of the flight line.					
CURRENT SITUATION: Cruz Avenue is within 30 feet of existing and newly planned facilities and is too close to provide adequate force protection. Over 200 personnel and five existing facilities are at risk to include the Aerial Delivery facility, Base Photo Lab, Wing Operations Plans Flight, Air Intelligence Service facility, and the Maintenance Group Headquarters. In support of the C-130 beddown, a new C-130 hangar and squadron operations facility are scheduled to be constructed in FY09 between the flightline and Cruz Avenue and will be impacted unless this road is realigned.					
IMPACT IF NOT PROVIDED: Existing road and parking areas will deteriorate due to age, poor storm water runoff, and heavy traffic. Military and civilian personnel will continue to be exposed to inadequate force protection stand-off distances. Newly constructed facilities will also be impacted by the close proximity of Cruz Avenue.					
ADDITIONAL: This project meets the criteria/scope specified in Air Force Handbook 32-1084, "Facility Requirements." A preliminary analysis of reasonable options for accomplishing this project (status quo, renovation, upgrade/removal, new construction) was done. It indicates that there is only one option that will meet the operational					

1. COMPONENT AIR FORCE	FY 2007 MILITARY CONSTRUCTION PROJECT DATA (computer generated)		2. DATE
3. INSTALLATION AND LOCATION HURLBURT FIELD, FLORIDA		4. PROJECT TITLE REALIGN CRUZ AVENUE	
5. PROGRAM ELEMENT 27596	6. CATEGORY CODE 851-147	7. PROJECT NUMBER FTEV033014	8. PROJECT COST (\$000) 2,000
<p>requirement. A certificate of exception has been prepared. Supporting facilities costs exceed 25% of the programmed amount due to the amount of pavement required to construct new parking areas and the relocation of above ground utilities underground. Base Civil Engineer: William A. Kolakowski, Lt Col, 850-884-7701. (Realign Cruz Avenue - 460 LM = 1,501 LF)</p> <p>JOINT USE CERTIFICATION: This is an installation utility/infrastructure project, and does not qualify for joint use at this installation. However, all tenants on this installation are benefited by this project.</p>			

1. COMPONENT AIR FORCE	FY 2007 MILITARY CONSTRUCTION PROJECT DATA (computer generated)		2. DATE
3. INSTALLATION AND LOCATION HURLBURT FIELD, FLORIDA		4. PROJECT TITLE REALIGN CRUZ AVENUE	
5. PROGRAM ELEMENT 27596	6. CATEGORY CODE 851-147	7. PROJECT NUMBER FTEV033014	8. PROJECT COST (\$000) 2,000
12. SUPPLEMENTAL DATA:			
a. Estimated Design Data:			
(1) Status:			
(a) Date Design Started			15-APR-05
(b) Parametric Cost Estimates used to develop costs			YES
* (c) Percent Complete as of 01 JAN 2006			15%
* (d) Date 35% Designed			15-SEP-05
(e) Date Design Complete			15-SEP-06
(f) Energy Study/Life-Cycle analysis was/will be performed			NO
(2) Basis:			
(a) Standard or Definitive Design -			NO
(b) Where Design Was Most Recently Used -			
(3) Total Cost (c) = (a) + (b) or (d) + (e):			(\$000)
(a) Production of Plans and Specifications			120
(b) All Other Design Costs			60
(c) Total			180
(d) Contract			160
(e) In-house			20
(4) Construction Contract Award			06 DEC
(5) Construction Start			07 JAN
(6) Construction Completion			07 DEC
* Indicates completion of Project Definition with Parametric Cost Estimate which is comparable to traditional 35% design to ensure valid scope, cost and executability.			
b. Equipment associated with this project provided from other appropriations: N/A			

1. COMPONENT AIR FORCE			FY 2007 MILITARY CONSTRUCTION PROGRAM						2. DATE (YYYYMMDD) 20051220		
3. INSTALLATION AND LOCATION MACDILL AIR FORCE BASE FLORIDA				4. COMMAND: AIR MOBILITY COMMAND			5. AREA CONST COST INDEX 0.95				
6. Personnel		(1) PERMANENT			(2) STUDENTS			(3) SUPPORTED			(4) TOTAL
	OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV		
AS OF 30 SEP 05		306	2,136	377	0	0	0	1,123	1,299	837	6,078
END FY 2010		257	1,969	346	0	0	0	1,511	1,673	1,144	6,900
7. INVENTORY DATA (\$000)											
a. Total Acreage:										5,767	
b. Inventory Total as of : (30 Sep 05)										2,260,301	
c. Authorization Not Yet in Inventory:										123,800	
d. Authorization Requested in this Program: (FY2007)										94,300	
e. Authorization Included in the Following Program: (FY2008)										98,000	
f. Planned in Next Three Years Program: (FY2009-2011)										72,000	
g. Remaining Deficiency:										250,800	
h. Grand Total:										2,899,201	
8. PROJECTS REQUESTED IN THIS PROGRAM: (FY2007)											
a. CATEGORY			b. COST			c. DESIGN STATUS					
(1) CODE	(2) PROJECT TITLE				(3) SCOPE	(\$000)	(1) START	(2) CMPL			
610-284	USCENTCOM Joint Intelligence Center, Phase II				22,685 SM	23,300	Jun-04	Sep-05			
610-284	Add To USCENTCOM HQ				13,119 SM	60,000	Mar-05	Nov-06			
721-312	Dormitory (96 RM)				3,168 SM	11,000	Sep-05	Sep-06			
TOTAL =						94,300					
9a. Future Projects: Included in the Following Program: (FY2008)											
610-284	Alter USCENTCOM HQ				17,393 SM	98,000	Mar-05	Nov-06			
TOTAL =						98,000					
9b. Future Projects: Planned Next Three Years: (FY2009-2011)											
610-243	Consolidated Base Support Facility				7,937 SM	15,000					
214-425	Transportation & Supply Complex				9,851 SM	20,000					
131-111	Consolidated Communications Facility				4,801 SM	15,000					
610-284	Add To and Alter USCENTCOM HQ				1 LS	<u>22,000</u>					
TOTAL =						72,000					
9c. Real Property Maintenance Backlog This Installation											
TOTAL =						119					
10. Mission or Major Functions: An Air Mobility Command wing with a KC-135 squadron and a command support airlift											
11. Outstanding pollution and Safety (OSHA Deficiencies):											
a. Air pollution										0	
b. Water Pollution										0	
c. Occupational Safety and Health										0	
d. Other Environmental										0	

1. COMPONENT AIR FORCE	FY 2007 MILITARY CONSTRUCTION PROJECT DATA (computer generated)			2. DATE	
3. INSTALLATION AND LOCATION MACDILL AIR FORCE BASE, FLORIDA			4. PROJECT TITLE CENTCOM JOINT INTELLIGENCE CENTER, PHASE II		
5. PROGRAM ELEMENT 31322	6. CATEGORY CODE 610-284	7. PROJECT NUMBER NVZR063713A	8. PROJECT COST (\$000) APPN: 23,300		
9. COST ESTIMATES					
ITEM		U/M	QUANTITY	UNIT	COST
CENTCOM JOINT INTELLIGENCE CENTER, PHASE II					54,347
JOINT INTELLIGENCE CENTER		SM	24,926	2,052	(51,148)
ANTITERRORISM FORCE PROTECTION		SM	24,926	128	(3,199)
SUPPORTING FACILITIES					27,097
CENTRAL UTILITY PLANT		MB	36,768	269	(9,895)
PARKING GARAGE		SP	450	11,133	(5,010)
CE EQUIPMENT SHOP		SM	966	1,524	(1,472)
WATER STORAGE TANK		KG	850	1,571	(1,335)
UTILITIES		LS			(4,917)
PAVEMENTS		LS			(661)
SITE IMPROVEMENTS		LS			(1,070)
DEMOLITION		SM	850	465	(395)
COMMUNICATIONS		LM	500	682	(341)
RELOCATION OF COALITION VILLAGE		LS			(2,000)
SUBTOTAL					81,444
CONTINGENCY (5.0%)					4,072
TOTAL CONTRACT COST					85,516
SUPERVISION, INSPECTION AND OVERHEAD (5.7%)					4,874
TOTAL REQUEST					90,390
TOTAL REQUEST (ROUNDED)					90,300
EQUIPMENT FROM OTHER APPROPRIATIONS (NON-ADD)					(22,000.0)
<p>10. Description of Proposed Construction: Construct a new Sensitive Compartmented Information Facility (SCIF) Joint Intelligence Center CENTCOM (JICCEN) as part of the United States Central Command (USCENTCOM) headquarters complex. Project consists of a multi-story reinforced concrete and structural steel building on augered pile foundations (special foundation features); covered entry, steel-reinforced precast concrete panel exterior and standing seam metal roof system; fire protection systems to include pre-action, wet-pipe sprinklers, under floor fire suppression, and fire alarm systems; elevators; computer systems infrastructure such as raised computer flooring; uninterruptible power supply (UPS) system and security provisions; emergency generators; site improvements; adjacent vehicle parking garage; communications infrastructure that includes a protected distribution system (PDS) between the new JICCEN and the existing headquarters; sidewalks extending to other nearby buildings in the CENTCOM headquarters area; a central utility plant; and all other necessary utility support. Additionally, the project shall include a freight elevator with access to a loading dock. Includes Antiterrorism/Force Protection requirements as identified in DoD Unified Facilities Criteria (UFC). The proposed siting requires demolition and reconstruction of an existing Civil Engineer (CE) Equipment Shop and two water storage tanks. Additionally, several temporary trailer facilities must be relocated.</p>					

1. COMPONENT AIR FORCE	FY 2007 MILITARY CONSTRUCTION PROJECT DATA (computer generated)			2. DATE
3. INSTALLATION AND LOCATION MACDILL AIR FORCE BASE, FLORIDA			4. PROJECT TITLE CENTCOM JOINT INTELLIGENCE CENTER, PHASE II	
5. PROGRAM ELEMENT 31322	6. CATEGORY CODE 610-284	7. PROJECT NUMBER NVZR063713A	8. PROJECT COST (\$000) APPN: 23,300	
Air Conditioning: 894 Tons				
11. Requirement: 24926 SM Adequate: 0 SM Substandard: 9329 SM				
<p>PROJECT: Construct a new Sensitive Compartmented Information Facility (SCIF) Joint Intelligence Center CENTCOM (JICCEN) as part of the United States Central Command (USCENTCOM) headquarters complex. (Current Mission)</p> <p>REQUIREMENT: USCENTCOM's Area of Responsibility (AOR) stretches from Kenya and the Seychelles to the south to Kazakhstan in the north and was recently expanded to include Syria and Lebanon. The CENTCOM AOR is the geographic and ideological heart of the Global War on Terror. A war without borders, it spans all 27 countries in the Central Asian region of the world. JICCEN's mission is to provide the USCENTCOM Commander with the situational awareness and long range analysis needed to defeat adversaries within the AOR, promote regional stability, support allies, and protect US national interests, all aimed toward victory in the Global War on Terror. To effectively carry out this critical, wartime mission, the JICCEN requires an adequately sized, consolidated and effectively configured facility with adequate access and parking. Administrative office space is needed to provide seats for 1,273 permanent party and augmentee personnel at any given time. Additional requirements for administrative office space beyond 1,273 seats, during surge operations for example, will be accommodated via a combination of shift operations within JICCEN and deployment of personnel to CENTCOM's permanent forward headquarters. JICCEN must also include appropriate support areas such as administrative offices, reception areas, file rooms, conference rooms, briefing rooms, video teleconferencing rooms, technical libraries, ADP server and equipment spaces, and administrative storage areas. JICCEN personnel will communicate via numerous US and coalition classified and unclassified local area network systems as well as secure and nonsecure telephones. Intelligence communications and telecommunications centers and all support functions must be in the same facility to increase, productivity and efficiency of operations. Intelligence system server rooms and associated functions will be located on an upper floor to protect them from severe storms (hurricanes) and potential tidal surges. (cont in add'l)</p> <p>CURRENT SITUATION: Joint Intelligence Center CENTCOM (JICCEN) is presently housed in undersized, add-on, temporary and dilapidated facilities that have not grown in proportion to the organization's steady mission and manpower growth that followed the end of OPERATION DESERT STORM. When the 11 September 2001 attacks on America led to the command's central role in the Global War on Terror, JICCEN manpower rose sharply by roughly 800 personnel, an increase of 133%. Facility space, however, did not keep pace with these increases. JICCEN personnel are now wedged into an average of less than 50 square feet per person, well below all military standards for adequate workspace. Overpopulation of buildings and work areas has rendered fire suppression, fire exits, electrical power, and heating/ventilation/air-conditioning systems inadequate. Not surprisingly, documentation maintained by the MacDill AFB Bioenvironmental Engineering Office highlights numerous valid complaints from the CENTCOM work force. JICCEN personnel are currently housed in six buildings, seven trailers and eight storage locations. Many of these facilities are located on an active flight line hosting the 6th Air Mobility Wing's KC-135 operations. Force protection measures at these locations are far from meeting DOD standards with uncontrolled vehicle parking occurring within inches of most buildings including those housing vital information technologies</p>				

1. COMPONENT AIR FORCE	FY 2007 MILITARY CONSTRUCTION PROJECT DATA (computer generated)		2. DATE												
3. INSTALLATION AND LOCATION MACDILL AIR FORCE BASE, FLORIDA		4. PROJECT TITLE CENTCOM JOINT INTELLIGENCE CENTER, PHASE II													
5. PROGRAM ELEMENT 31322	6. CATEGORY CODE 610-284	7. PROJECT NUMBER NVZR063713A	8. PROJECT COST (\$000) APPN: 23,300												
<p>essential to JICCEN operations. Over half of assigned JICCEN personnel are located 3/4 mile away from the CENTCOM headquarters. Lack of sufficient parking forces these personnel to walk to coordination and planning sessions in the headquarters, introducing further delays and interruptions in carrying out the JICCEN mission. The resultant separation of leadership and support functions severely impedes collaboration and validation on real-time intelligence issues that daily affect the nation's security and the lives of US and Coalition forces.</p> <p>IMPACT IF NOT PROVIDED: Severe facility shortfalls will continue to adversely impact JICCEN's ability to provide real-time, actionable intelligence in support of United States Central Command's leadership role in the Global War on Terror. Working conditions and facility limitations will continue to undermine personnel retention that has already experienced a 55% turnover in government civilian employees over an 18-month period. Critical C3I links supporting USCENTCOM and Coalition efforts could fail in the event of power or HVAC system failure brought on by the existing overloads on these systems. Depending on the timing of such failures, JICCEN's efforts to locate and track fast moving, high value terrorism targets could be thwarted thereby leaving the United States or its coalition partners vulnerable to future attacks as devastating as those of September 11th, 2001.</p> <p>ADDITIONAL: (cont from requirement block) A 450 space parking garage is required to provide adequate parking in a tightly constrained area where all available surface parking sites have already been developed. This parking will support personnel working in and visiting the Joint Intelligence Center, USCENTCOM and Coalition facilities.</p> <p>This project meets the criteria/scope specified in Air Force Handbook 32-1084, Facility Requirements. A preliminary analysis of reasonable options was accomplished comparing alternatives of status quo, renovation, addition/alteration, and new construction. It indicates there is only one option that will meet operational requirements. Because of this, a full economic analysis was not performed. A certificate of exemption was prepared. This project will be incrementally funded in accordance with Chapter 6 of Volume 2B of DoD Financial Management Regulation, DoD 7000.14-R, dated Jun 2004. Initial funding will be \$67M in FY06 for project NVZR063713, CENTCOM JOINT INTELLIGENCE CENTER, INCREMENT I and \$23.3M in FY07 for this project. (24,926 SM = 268,300 SF) Base Civil Engineer: Lt Col John Prater, (813) 828-3577.</p> <p>JOINT USE CERTIFICATION: The facility is programmed for joint use with the United States Army, Navy, Air Force, and Marines.</p>															
<p>AUTHORIZATION AND APPROPRIATION SUMMARY</p> <table border="0"> <thead> <tr> <th></th> <th style="text-align: center;">APPROVED BY CONGRESS FY 2006</th> <th style="text-align: center;">REQUESTED FY 2007</th> </tr> </thead> <tbody> <tr> <td>AUTHORIZATION OF THE PROJECT</td> <td style="text-align: center;">\$96.0M</td> <td style="text-align: center;">\$0</td> </tr> <tr> <td>AUTHORIZATION FOR APPROPRIATION</td> <td style="text-align: center;">\$67.0M</td> <td style="text-align: center;">\$23.3M</td> </tr> <tr> <td>APPROPRIATION</td> <td style="text-align: center;">\$67.0M</td> <td style="text-align: center;">\$23.3M</td> </tr> </tbody> </table>					APPROVED BY CONGRESS FY 2006	REQUESTED FY 2007	AUTHORIZATION OF THE PROJECT	\$96.0M	\$0	AUTHORIZATION FOR APPROPRIATION	\$67.0M	\$23.3M	APPROPRIATION	\$67.0M	\$23.3M
	APPROVED BY CONGRESS FY 2006	REQUESTED FY 2007													
AUTHORIZATION OF THE PROJECT	\$96.0M	\$0													
AUTHORIZATION FOR APPROPRIATION	\$67.0M	\$23.3M													
APPROPRIATION	\$67.0M	\$23.3M													

1. COMPONENT AIR FORCE	FY 2007 MILITARY CONSTRUCTION PROJECT DATA (computer generated)		2. DATE
3. INSTALLATION AND LOCATION MACDILL AIR FORCE BASE, FLORIDA		4. PROJECT TITLE CENTCOM JOINT INTELLIGENCE CENTER, PHASE II	
5. PROGRAM ELEMENT 31322	6. CATEGORY CODE 610-284	7. PROJECT NUMBER NVZR063713A	8. PROJECT COST (\$000) APPN: 23,300
12. SUPPLEMENTAL DATA:			
a. Estimated Design Data:			
(1) Status:			
(a) Date Design Started			01-JUN-04
(b) Parametric Cost Estimates used to develop costs			YES
* (c) Percent Complete as of 01 JAN 2006			35%
* (d) Date 35% Designed			30-SEP-04
(e) Date Design Complete			30-SEP-05
(f) Energy Study/Life-Cycle analysis was/will be performed			YES
(2) Basis:			
(a) Standard or Definitive Design -			NO
(b) Where Design Was Most Recently Used -			
(3) Total Cost (c) = (a) + (b) or (d) + (e): (\$000)			
(a) Production of Plans and Specifications			1,200
(b) All Other Design Costs			600
(c) Total			1,800
(d) Contract			1,600
(e) In-house			200
(4) Construction Contract Award			07 JAN
(5) Construction Start			07 FEB
(6) Construction Completion			09 FEB
* Indicates completion of Project Definition with Parametric Cost Estimate which is comparable to traditional 35% design to ensure valid scope, cost and executability.			
b. Equipment associated with this project provided from other appropriations:			
EQUIPMENT NOMENCLATURE	PROCURING APPROPRIATION	FISCAL YEAR APPROPRIATED OR REQUESTED	COST (\$000)
C4I SYSTEMS	3080	2008	12,000
SYSTEMS FURNITURE/WORKSTATIONS	3400	2008	10,000

1. COMPONENT AIR FORCE	FY 2007 MILITARY CONSTRUCTION PROJECT DATA (computer generated)			2. DATE	
3. INSTALLATION AND LOCATION MACDILL AIR FORCE BASE, FLORIDA			4. PROJECT TITLE ADD TO USCENTCOM HQ		
5. PROGRAM ELEMENT 41896	6. CATEGORY CODE 610-284	7. PROJECT NUMBER NVZR053714	8. PROJECT COST (\$000) 60,000		
9. COST ESTIMATES					
ITEM		U/M	QUANTITY	UNIT	COST
ADD TO USCENTCOM HQ					45,902
HEADQUARTERS ADDITION		SM	13,119	2,184	(28,653)
CENTRAL UTILITY PLANT		LS			(2,900)
ANTITERRORISM FORCE PROTECTION		SM	13,119	99	(1,304)
INTERIOR COMMUNICATIONS INFRASTRUCTURE		LS			(13,045)
SUPPORTING FACILITIES					8,126
UTILITIES		LS			(603)
PAVEMENTS		LS			(289)
SITE IMPROVEMENTS		LS			(1,000)
COMMUNICATIONS		LS			(1,300)
ENVIRONMENTAL		LS			(934)
EMERGENCY POWER		LS			(1,200)
RELOCATION OF TEMP FACILITIES		LS			(1,000)
ENTRY CONTROL FACILITY		SM	279	2,867	(800)
FENCING, GATES & BARRICADES		LS			(1,000)
SUBTOTAL					54,028
CONTINGENCY (5.0%)					2,701
TOTAL CONTRACT COST					56,729
SUPERVISION, INSPECTION AND OVERHEAD (5.7%)					3,234
TOTAL REQUEST					59,963
TOTAL REQUEST (ROUNDED)					60,000
EQUIPMENT FROM OTHER APPROPRIATIONS (NON-ADD)					(41,000.0)
10. Description of Proposed Construction: Multi-story, reinforced concrete and structural steel building on concrete spread footings, hardened masonry walls and flat roof systems, fire detection/suppression systems, elevators, emergency power, central utility plant, site improvements, vehicle parking, and all other necessary support. This project will comply with DoD antiterrorism/force protection requirements per unified facilities criteria. Air Conditioning: 1095 Tons					
11. Requirement: 30512 SM Adequate: SM Substandard: 17393 SM PROJECT: Adds to the headquarters building of the United States Central Command (USCENTCOM). (Current Mission) REQUIREMENT: United States Central Command is the Unified Command responsible for the South West Asia theater of operations and supported combatant commander in the current war on terrorism. The CENTCOM headquarters facility currently functions as the command and control center for the war. Through intelligence centers in the facility and communications links, the CENTCOM staff directs combat operations real time. To effectively carry out this mission and future combat operations, CENTCOM requires an adequately sized, consolidated and effectively configured facility. Administrative					

1. COMPONENT AIR FORCE	FY 2007 MILITARY CONSTRUCTION PROJECT DATA (computer generated)			2. DATE
3. INSTALLATION AND LOCATION MACDILL AIR FORCE BASE, FLORIDA			4. PROJECT TITLE ADD TO USCENTCOM HQ	
5. PROGRAM ELEMENT 41896	6. CATEGORY CODE 610-284	7. PROJECT NUMBER NVZR053714	8. PROJECT COST (\$000) 60,000	
<p>office space is needed for approximately 2,400 personnel with rapid expansion capability to integrate reserve augmentation and other integral members into the headquarters. Communications and telecommunication centers and all support functions (storage, automated data processing, electronics/communications maintenance, and training areas) must be in the same facility to increase productivity and efficiency of operations. This critical C3I link must be physically and electronically (information and communications) protected from potential terrorist actions. Storage and non-administrative functions must be located on the second floor to protect them from severe storms (hurricanes) and tidal surges. Additionally, the facility shall provide a freight elevator with access to a loading dock and adequate parking.</p> <p>CURRENT SITUATION: Prior to 9-11, HQ USCENTCOM had severe facility shortfalls that impacted the function and efficiency of their command and control functions. The main building, constructed in 1982, has had 3 additions. The last was completed in 1991. These additions have not kept pace with mission expansion and CENTCOM has been forced to locate their joint intelligence center and an additional 360 personnel in 5 facilities on the flight line and 10 trailers. Over 1,650 personnel worked in this collection of buildings, which are only adequately sized to for 1,200 personnel. Since 9-11, CENTCOM has over 2,300 people working in these existing facilities, plus an additional 800+ members operating in trailers functioning as SCIFs, Operations Centers, and administrative space. This arrangement makes integration of the command and control effort extremely complicated and daily staffing operations have become almost unworkable. In the main building, Bldg 540, equipment and personnel have increased the cooling load to the point that the HVAC system is no longer effective and working conditions are frequently unbearable. This additional load is overstressing the equipment resulting in excessive maintenance, and causing system failures. These HVAC system problems in turn, can cause computer and communications system failures due to overheating. Further, the majority of this building has never been renovated. Common areas have deteriorated from years of heavy use. Ceiling tiles are discolored, lighting fixtures are inefficient, carpet is worn, restroom fixtures are outdated, and the arrangement of interior walls does not support the current organizational structure.</p> <p>IMPACT IF NOT PROVIDED: Severe facility shortfalls will continue to adversely impact United States Central Command's ability to carry out its real time command and control responsibilities in directing the war on terrorism. Critical C3I links supporting CENTCOM efforts could fail in the event of power or HVAC system failures caused by the existing overload on these systems. CENTCOM staff officers will be forced to continue to work in cramped, hot, office spaces that will impact their productivity and attention to the task.</p> <p>ADDITIONAL: This project meets the criteria/scope specified in Air Force Handbook 32-1084, Facility Requirements. An analysis of options for accomplishing this project (status quo, alteration, and new construction) was accomplished. It indicated an addition and alteration was the most economic option to meet operational requirements. There is a companion alteration project in the FY08 program to renovate the existing CENTCOM HQ facility (ALTER USCENTCOM HQ). Base Civil Engineer: Lt Col John C. Prater, (813) 828-3577. (ADD TO USCENTCOM HQ: 13,119 SM = 141,212 SF)</p> <p>JOINT USE CERTIFICATION: The facility is programmed for joint use with the United States Army, Navy, Air Force, and Marines.</p>				

1. COMPONENT AIR FORCE	FY 2007 MILITARY CONSTRUCTION PROJECT DATA (computer generated)		2. DATE
3. INSTALLATION AND LOCATION MACDILL AIR FORCE BASE, FLORIDA		4. PROJECT TITLE ADD TO USCENTCOM HQ	
5. PROGRAM ELEMENT 41896	6. CATEGORY CODE 610-284	7. PROJECT NUMBER NVZR053714	8. PROJECT COST (\$000) 60,000
12. SUPPLEMENTAL DATA:			
a. Estimated Design Data:			
(1) Status:			
(a) Date Design Started			15-MAR-05
(b) Parametric Cost Estimates used to develop costs			YES
* (c) Percent Complete as of 01 JAN 2006			15%
* (d) Date 35% Designed			30-JUN-06
(e) Date Design Complete			30-NOV-06
(f) Energy Study/Life-Cycle analysis was/will be performed			YES
(2) Basis:			
(a) Standard or Definitive Design -			NO
(b) Where Design Was Most Recently Used -			
(3) Total Cost (c) = (a) + (b) or (d) + (e):			(\$000)
(a) Production of Plans and Specifications			3,600
(b) All Other Design Costs			1,800
(c) Total			5,400
(d) Contract			4,800
(e) In-house			600
(4) Construction Contract Award			07 JAN
(5) Construction Start			07 MAR
(6) Construction Completion			10 APR
* Indicates completion of Project Definition with Parametric Cost Estimate which is comparable to traditional 35% design to ensure valid scope, cost and executability.			
b. Equipment associated with this project provided from other appropriations:			
EQUIPMENT NOMENCLATURE	PROCURING APPROPRIATION	FISCAL YEAR APPROPRIATED OR REQUESTED	COST (\$000)
SYSTEMS FURNITURE/WORKSTATIONS	3400	2008	7,000
C4I PROCUREMENT	3080	2008	34,000

1. COMPONENT AIR FORCE	FY 2007 MILITARY CONSTRUCTION PROJECT DATA (computer generated)			2. DATE	
3. INSTALLATION AND LOCATION MACDILL AIR FORCE BASE, FLORIDA			4. PROJECT TITLE DORMITORY (96 RM)		
5. PROGRAM ELEMENT 41896	6. CATEGORY CODE 721-312	7. PROJECT NUMBER NVZR053711	8. PROJECT COST (\$000) 11,000		
9. COST ESTIMATES					
ITEM		U/M	QUANTITY	UNIT	COST
DORMITORY (96 RM)					7,356
DORMITORY		SM	3,168	2,300	(7,286)
ANTITERRORISM/FORCE PROTECTION MEASURES		SM	3,168	22	(70)
SUPPORTING FACILITIES					2,513
UTILITIES		LS			(498)
PAVEMENTS		LS			(690)
SITE IMPROVEMENTS		LS			(344)
COMMUNICATIONS		LS			(410)
DEMOLITION		SM	4,718	121	(571)
SUBTOTAL					9,869
CONTINGENCY (5.0%)					493
TOTAL CONTRACT COST					10,362
SUPERVISION, INSPECTION AND OVERHEAD (5.7%)					591
TOTAL REQUEST					10,953
TOTAL REQUEST (ROUNDED)					11,000
EQUIPMENT FROM OTHER APPROPRIATIONS (NON-ADD)					(2,122.0)
10. Description of Proposed Construction: Three-story facility with reinforced concrete foundation, floor slabs, steel frame, concrete masonry unit exterior walls and standing seam metal roof system. Includes room-bath/kitchen-room modules, laundries, storage, lounge area, communications, and other required support. This project will comply with DoD antiterrorism/force protection requirements per unified facilities criteria. Demolishes two substandard dormitories (buildings 251 and 254 with 68 rooms each totalling 4,718 SM).					
Air Conditioning: 128 Tons Grade Mix: E1-E4 96					
11. Requirement: 408 RM Adequate: 0 RM Substandard: 408 RM					
PROJECT: Construct a 96 person dormitory. (Current Mission)					
REQUIREMENT: A major Air Force objective is to provide unaccompanied enlisted personnel with housing conducive to their proper rest, relaxation and personal well-being. Properly designed and furnished quarters providing some degree of individual privacy are essential to the successful accomplishment of the increasingly complicated and important jobs these people must perform. The retention of these highly trained airmen is essential to our readiness posture and continuing world-wide presence.					
CURRENT SITUATION: The base has a requirement for 408 dormitory rooms and a current inventory of 408. However, the existing 6 dorms were constructed in the 1960's and would require significant reconstruction. Aggravated by location and the required force protection set-back area and the requirement for maximum blast protection, the 2003 AF Dorm Master Plan recommended they be considered for replacement only.					
IMPACT IF NOT PROVIDED: Adequate living quarters which provide a level of privacy required for today's airmen will not be available, resulting in degradation of morale,					

1. COMPONENT AIR FORCE	FY 2007 MILITARY CONSTRUCTION PROJECT DATA (computer generated)		2. DATE
3. INSTALLATION AND LOCATION MACDILL AIR FORCE BASE, FLORIDA		4. PROJECT TITLE DORMITORY (96 RM)	
5. PROGRAM ELEMENT 41896	6. CATEGORY CODE 721-312	7. PROJECT NUMBER NVZR053711	8. PROJECT COST (\$000) 11,000
<p>productivity, and career satisfaction for unaccompanied enlisted personnel.</p> <p>ADDITIONAL: This project meets the criteria/scope specified in the new uniform barracks construction standard known as "Dorms-4-Airmen" established by the Air Force and is in accordance with the Air Force Dormitory Master Plan. An Economic Analysis has been prepared comparing alternatives of new construction, revitalization, addition/alteration, and status quo. Based on the present value and benefits of the respective alternatives, new construction was found to be the most cost-effective over the life of the project. FY2004 Unaccompanied Housing RPM conducted: \$111K. FY2005 Unaccompanied Housing RPM conducted: \$122K. Future Unaccompanied housing RPM requirements (estimated): FY06 \$134K; FY07 \$148K; FY08 \$163K. (3,168 SM = 34,100 SF). Base Civil Engineer: Lt Col John C. Prater, (813) 828-3577</p> <p>JOINT USE CERTIFICATION: This facility is programmed for joint use with the Army, Navy and Marines; however, it is fully funded by the Air Force.</p>			

1. COMPONENT AIR FORCE	FY 2007 MILITARY CONSTRUCTION PROJECT DATA (computer generated)		2. DATE
3. INSTALLATION AND LOCATION MACDILL AIR FORCE BASE, FLORIDA		4. PROJECT TITLE DORMITORY (96 RM)	
5. PROGRAM ELEMENT 41896	6. CATEGORY CODE 721-312	7. PROJECT NUMBER NVZR053711	8. PROJECT COST (\$000) 11,000
12. SUPPLEMENTAL DATA:			
a. Estimated Design Data:			
(1) Status:			
(a) Date Design Started			15-SEP-05
(b) Parametric Cost Estimates used to develop costs			YES
* (c) Percent Complete as of 01 JAN 2006			15%
* (d) Date 35% Designed			12-MAY-06
(e) Date Design Complete			08-SEP-06
(f) Energy Study/Life-Cycle analysis was/will be performed			YES
(2) Basis:			
(a) Standard or Definitive Design -			NO
(b) Where Design Was Most Recently Used -			
(3) Total Cost (c) = (a) + (b) or (d) + (e):			(\$000)
(a) Production of Plans and Specifications			660
(b) All Other Design Costs			330
(c) Total			990
(d) Contract			880
(e) In-house			110
(4) Construction Contract Award			07 FEB
(5) Construction Start			07 MAR
(6) Construction Completion			08 JUN
* Indicates completion of Project Definition with Parametric Cost Estimate which is comparable to traditional 35% design to ensure valid scope, cost and executability.			
b. Equipment associated with this project provided from other appropriations:			
EQUIPMENT NOMENCLATURE	PROCURING APPROPRIATION	FISCAL YEAR APPROPRIATED OR REQUESTED	COST (\$000)
A6 COMM	3080	2008	50
USER COMM	3080	2008	72
FURNISHINGS	3080	2008	2,000

1. COMPONENT AIR FORCE		FY 2007 MILITARY CONSTRUCTION PROGRAM						2. DATE				
3. INSTALLATION AND LOCATION TYNDALL AIR FORCE BASE FLORIDA				4. COMMAND: AIR EDUCATION AND TRAINING COMMAND			5. AREA CONST COST INDEX 0.82					
6. Personnel		PERMANENT			STUDENTS			SUPPORTED				
Strength		OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV	TOTAL	
AS OF 30 SEP 05		329	2595	403	247	0	0	278	630	202	4,684	
END FY 2010		334	2594	402	240	0	0	277	637	211	4,695	
7. INVENTORY DATA (\$000)												
a. Total Acreage: 29,294												
b. Inventory Total as of : (30 Sep 05)											1,272,696	
c. Authorization Not Yet in Inventory:											42,370	
d. Authorization Requested in this Program: (FY 2007)											1,800	
e. Authorization Included in the Following Program: (FY 2008)											25,628	
f. Planned in Next Three Years Program:											3,300	
g. Remaining Deficiency:											45,250	
h. Grand Total:											1,391,044	
8. PROJECTS REQUESTED IN THIS PROGRAM: (FY 2007)												
CATEGORY								COST	DESIGN	STATUS		
CODE	PROJECT TITLE				SCOPE		\$,000	START	CMPL			
171-211	F-22A Weapons Tactical Trainer Add				750 SM		1,800	May-05	Sep-06			
Total							1,800					
9a. Future Projects: Included in the Following Program: (FY2008)												
740-674	Fitness Center				6,368 SM		15,000					
111-111	Repair Airfield Phase 1				65,030 SM		10,628					
Total							25,628					
9b. Future Projects: Typical Planned Next Three Years:												
851-152	Highway 98 Overpass				1,062 LM		3,300					
Total							3,300					
9c. Real Property Maintenance Backlog This Installation (\$M)											77	
10. Mission or Major Functions: A fighter training wing with three F-15 squadrons responsible for training all F-15 aircrews; Air Combat Command's Headquarters First Air Force, a weapons evaluation group, and Southeast Air Defense Sector; and the Air Force Civil Engineering Support Agency.												
11. Outstanding pollution and Safety (OSHA) Deficiencies:												
a. Air pollution											0	
b. Water Pollution											0	
c. Occupational Safety and Health											0	
d. Other Environmental											0	

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1. COMPONENT AIR FORCE	FY 2007 MILITARY CONSTRUCTION PROJECT DATA (computer generated)			2. DATE	
3. INSTALLATION AND LOCATION TYNDALL AIR FORCE BASE, FLORIDA		4. PROJECT TITLE F-22A WEAPONS/TACTICAL TRAINERS ADDITION			
5. PROGRAM ELEMENT 27138	6. CATEGORY CODE 171-212	7. PROJECT NUMBER XLWU053002	8. PROJECT COST (\$000) 1,800		
9. COST ESTIMATES					
ITEM		U/M	QUANTITY	UNIT	COST
F22-A WEAPONS/TACTICAL TRAINERS ADDITION					1,457
WEAPONS TRAINERS/ACADEMICS ADDITION		SM	750	1,929	(1,447)
ANTITERRORISM FORCE PROTECTION		SM	750	13	(10)
SUPPORTING FACILITIES					164
UTILITIES		LS			(43)
PAVEMENTS		LS			(110)
SITE IMPROVEMENTS		LS			(11)
SUBTOTAL					1,621
CONTINGENCY (5.0%)					81
TOTAL CONTRACT COST					1,702
SUPERVISION, INSPECTION AND OVERHEAD (5.7%)					97
TOTAL REQUEST					1,799
TOTAL REQUEST (ROUNDED)					1,800
10. Description of Proposed Construction: Construct an addition to house F-22A weapons and tactical trainers with special reinforced foundations, split-faced block walls, standing seam metal roof, additional security and shielding provisions, environmental controls, communication networking and all necessary support. This project will comply with DoD antiterrorism/force protection requirements per unified facilities criteria.					
11. Requirement: 5067 SM Adequate: 4317 SM Substandard: 0 SM PROJECT: F-22A Weapons/Tactical Trainers Addition (New Mission) REQUIREMENT: Adequately sized, configured and secure operations facility providing Weapons and Tactical Trainers (WTTs) and academic flight training areas is required to support the next generation F-22A fighter. This project supports personnel and equipment arrival in Dec 07. Additional aircraft are scheduled for delivery in July 07. Delivery preparations will complete security accreditation, install data automation systems, furniture, phone and other appurtenances. Due to the classified mission of the F-22A, this facility must be shielded and have the necessary security provisions. Antiterrorism force protection measures will comply with minimum DoD Force Protection Construction Standards CURRENT SITUATION: An increase in flight academics training space is required to provide secure training and mission briefs for F-22A's at Tyndall AFB. The current F-22A pilot academic training facility is not large enough to support the current training mission or additional aircraft planned for Tyndall AFB. The initial FY2000 F22-A beddown site survey report identified construction of an addition to the existing facility as the preferred solution. IMPACT IF NOT PROVIDED: The F-22A fighter training squadron cannot function at Tyndall AFB without a properly shielded and secure facility for necessary WTT and academic training. Without this space, F-22A pilot qualification training cannot be conducted					

1. COMPONENT AIR FORCE	FY 2007 MILITARY CONSTRUCTION PROJECT DATA (computer generated)		2. DATE
3. INSTALLATION AND LOCATION TYNDALL AIR FORCE BASE, FLORIDA		4. PROJECT TITLE F-22A WEAPONS/TACTICAL TRAINERS ADDITION	
5. PROGRAM ELEMENT 27138	6. CATEGORY CODE 171-212	7. PROJECT NUMBER XLWU053002	8. PROJECT COST (\$000) 1,800
<p>here, and F-22A pilot training will be delayed.</p> <p>ADDITIONAL: This project meets the criteria/scope specified in Air Force Handbook 32-1084, "Facility Requirements." Base Civil Engineer: Lt Col Curt A. VanDeWalle, (850) 283-3283. F-22A Weapons and Tactical Trainers Addition: 750 SM = 8,000 SF.</p> <p>JOINT USE CERTIFICATION: Mission requirements, operational considerations, and location are incompatible with use by other components.</p>			

1. COMPONENT AIR FORCE	FY 2007 MILITARY CONSTRUCTION PROJECT DATA (computer generated)		2. DATE
3. INSTALLATION AND LOCATION TYNDALL AIR FORCE BASE, FLORIDA		4. PROJECT TITLE F-22A WEAPONS/TACTICAL TRAINERS ADDITION	
5. PROGRAM ELEMENT 27138	6. CATEGORY CODE 171-212	7. PROJECT NUMBER XLWU053002	8. PROJECT COST (\$000) 1,800
12. SUPPLEMENTAL DATA:			
a. Estimated Design Data:			
(1) Status:			
(a) Date Design Started			15-MAY-05
(b) Parametric Cost Estimates used to develop costs			YES
* (c) Percent Complete as of 01 JAN 2006			15%
* (d) Date 35% Designed			01-SEP-05
(e) Date Design Complete			03-SEP-06
(f) Energy Study/Life-Cycle analysis was/will be performed			YES
(2) Basis:			
(a) Standard or Definitive Design -			NO
(b) Where Design Was Most Recently Used -			
(3) Total Cost (c) = (a) + (b) or (d) + (e):			(\$000)
(a) Production of Plans and Specifications			93
(b) All Other Design Costs			46
(c) Total			139
(d) Contract			123
(e) In-house			16
(4) Construction Contract Award			07 JAN
(5) Construction Start			07 MAR
(6) Construction Completion			08 MAR
* Indicates completion of Project Definition with Parametric Cost Estimate which is comparable to traditional 35% design to ensure valid scope, cost and executability.			
b. Equipment associated with this project provided from other appropriations: N/A			

1. COMPONENT AIR FORCE		FY 2007 MILITARY CONSTRUCTION PROGRAM						2. DATE		
3. INSTALLATION AND LOCATION ROBINS AIR FORCE BASE GEORGIA				4. COMMAND: AIR FORCE MATERIEL COMMAND:			5. AREA CONST COST INDEX 0.84			
6. Personnel Strength	PERMANENT			STUDENTS			SUPPORTED			TOTAL
	OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV	
	AS OF 30 SEP 05	960	3226	2740	450	2909	78	1680	84	
END FY 2010	847	2763	2739	439	2819		78	1680	84	
7. INVENTORY DATA (\$000)										
Total Acreage:		8,722								
Inventory Total as of : (30 Sep 05)					1,905,428					
Authorization Not Yet in Inventory:					82,126					
Authorization Requested in this Program:					38,600					
Authorization Included in the Following Program:		(FY 2008)			25,000					
Planned in Next Three Years Program:					107,700					
Remaining Deficiency:					298,994					
Grand Total:					2,457,848					
8. PROJECTS REQUESTED IN THIS PROGRAM: (FY 2007)										
CATEGORY		PROJECT TITLE			SCOPE		COST \$,000		DESIGN START	STATUS Cmpl
CODE										
211-116	Depot Maintenance Support Hangar			4,173 SM		8,600		Design	Build	
211-152	Advanced Metal Finishing Facility			11,613 SM		30,000		Design	Build	
		Total					38,600			
9a. Future Projects: Included in the Following Program: (FY2008)										
		DMRT- Large Aircraft Hangar,								
211-111	Phase 1			12,540 SM		25,000		Design	Build	
		Total					25,000			
9b. Future Projects: Typical Planned Next Three Years:										
610-675	Renovate/Upgrade Building 300, Phase I			14,865 SM		20,000				
217-742	54th Combat Communications Squadron Operations			2,700 SM		\$8,400				
211-159	DMRT- Corrosion Control Facility			10,314 SM		30,000				
218-712	Ground Support Equipment Maintenance Facility			4,924 SM		10,200				
610-675	Consolidate Logistics Facility Depot Operations			6,505 SM		13,600				
831-145	Upgrade Domestic/Industrial Sewage			1 LS		4,000				
141-764	Software Support Facility			7,432 SM		21,500				
		Total					107,700			
9c. Real Property Maintenance Backlog This Installation										95
10. Mission or Major Functions: Warner Robins Air Logistics Center which is responsible for logistics management, support and depot-level maintenance of systems including F-15, C-130, C-5, C-141, and U-2 aircraft, helicopters, missiles and remotely piloted vehicles; an air base wing; an air control wing; HQ Air Force Reserve Command; an Air Mobility Command air refueling group with KC-135 aircraft; an ACC combat communications group; a special operations flight with EC-137D aircraft; an Air National Guard bomb wing with B-1B aircraft; and an Air Force recruiting group.										
11. Outstanding pollution and Safety (OSHA Deficiencies):										
a. Air pollution							0			
b. Water Pollution							0			
c. Occupational Safety and Health							0			
d. Other Environmental							0			

1. COMPONENT AIR FORCE	FY 2007 MILITARY CONSTRUCTION PROJECT DATA (computer generated)			2. DATE	
3. INSTALLATION AND LOCATION ROBINS AIR FORCE BASE, GEORGIA			4. PROJECT TITLE DEPOT MAINTENANCE SUPPORT HANGAR		
5. PROGRAM ELEMENT 72896	6. CATEGORY CODE 211-116	7. PROJECT NUMBER UHHZ003007	8. PROJECT COST (\$000) 8,600		
9. COST ESTIMATES					
ITEM		U/M	QUANTITY	UNIT	COST
DEPOT MAINTENANCE SUPPORT HANGAR					6,381
MEDIUM BAY HANGAR		SM	2,969	1,510	(4,483)
SHOP AREA		SM	602	1,688	(1,016)
ADMIN AREA		SM	602	1,465	(882)
SUPPORTING FACILITIES					1,370
UTILITIES		LS			(282)
PAVEMENTS		LS			(800)
SITE IMPROVEMENTS		LS			(188)
COMMUNICATIONS		LS			(100)
SUBTOTAL					7,751
CONTINGENCY (5.0%)					388
TOTAL CONTRACT COST					8,139
SUPERVISION, INSPECTION AND OVERHEAD (5.7%)					464
TOTAL REQUEST					8,603
TOTAL REQUEST (ROUNDED)					8,600
10. Description of Proposed Construction: Construct a single story medium bay, 28 foot clear height structure with reinforced concrete slab on piers and grade beam, steel frame and masonry walls. Include support space for administration, material storage, canopy shop and NDI/X-Ray shop. Provide utilities, site work, aircraft apron and pavement for parking. Air Conditioning: 100 Tons					
11. Requirement: 4173 SM Adequate: 6727 SM Substandard: 4111 SM <u>PROJECT:</u> Construct a Depot Maintenance Support Hangar. (Current Mission) <u>REQUIREMENT:</u> A Depot Maintenance Support Hangar is required to consolidate incoming aircraft support operations and improve the work flow for the F-15 Weapon System, and be capable of providing nose dock space for two C-130 sized cargo aircraft. The facility will include hangar space for six F-15 aircraft and additional support space for administration, material storage, canopy shop, and NDI/X-Ray shop. <u>CURRENT SITUATION:</u> The existing F-15 fuel pit, stripping, X-Ray, Programmed Depot Maintenance (PDM), and Functional Test facilities are scattered at the far corners of the maintenance flight line. The engine, canopy, NDI, and Evaluation & Inspection back shops that support these facilities are just as scattered. Before the F-15 aircraft is ready to be inspected for structural integrity and core PDM work, the aircraft must be stripped of all its electronic gear and parts. The stripping operation is accomplished in building 149 and the preparation work is performed either on the ramp or in buildings 131/137 which are on the opposite side of the parking ramp from building 149. Buildings 131/137 are currently used for C-130 paint/depaint operations and their use for F-15 preparation work creates a bottleneck in the existing C-130 maintenance process. F-15 aircraft undergoing PDM are towed over 14 miles during the current process. The PDM					

1. COMPONENT AIR FORCE	FY 2007 MILITARY CONSTRUCTION PROJECT DATA (computer generated)		2. DATE
3. INSTALLATION AND LOCATION ROBINS AIR FORCE BASE, GEORGIA		4. PROJECT TITLE DEPOT MAINTENANCE SUPPORT HANGAR	
5. PROGRAM ELEMENT 72896	6. CATEGORY CODE 211-116	7. PROJECT NUMBER UHHZ003007	8. PROJECT COST (\$000) 8,600
<p>process requires multiple trips between the functional test facility, the Paint facility and the fuel pits located on the north end of the flight line and the stripping facility, the PDM dock, and the x-ray facility located at the south end of the flight line. In addition to the time required for the movement of the aircraft the mechanics and technicians must also interrupt their work to walk the aircraft back and forth across the ramp. Back shop crews must also make the long treks across the ramp to support the repair process. The additional movement of the aircraft increases the flow days for each aircraft and results in delays in getting the aircraft back in service. Consolidating the incoming operations in a single area will save time and money, reduce aircraft traffic on the ramp, and decrease the foreign object debris (FOD) risks to all aircraft using the ramp.</p> <p><u>IMPACT IF NOT PROVIDED:</u> Incoming crews and aircraft will continue to spend a significant amount of time in transit moving aircraft from one end of the ramp to the other. Aircraft and personnel will continue to be put at a greater risk than is necessary, cost the center two flow days on each aircraft and increase the repair cost to the customer. The F-15 operations will continue to be done in areas required for other operations and tie up our C-130 corrosion control facilities creating schedule and cost impacts to the C-130 maintenance process. Reducing aircraft flow days will keep more aircraft available for the war fighter.</p> <p><u>ADDITIONAL:</u> This project meets the criteria/scope specified in Air Force Handbook 32-1084, "Facility Requirements". An economic analysis has been prepared comparing the alternatives of status quo and new construction. 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 requirement for this project was validated by the Joint-Service Depot Maintenance Military Construction Review in Sep 04. Base Civil Engineer: Col Linden J. Torchia, (478) 926-5820, ext 114: Medium Bay Hangar: 2,969 SM = 32,000 SF; Shop/Admin area: 602 SM = 6,500 SF.</p> <p><u>JOINT USE CERTIFICATION:</u> This facility can be used by other components on an "as available" basis; however, the scope of the project is based on Air Force requirements.</p>			

1. COMPONENT AIR FORCE	FY 2007 MILITARY CONSTRUCTION PROJECT DATA (computer generated)		2. DATE
3. INSTALLATION AND LOCATION ROBINS AIR FORCE BASE, GEORGIA		4. PROJECT TITLE DEPOT MAINTENANCE SUPPORT HANGAR	
5. PROGRAM ELEMENT 72896	6. CATEGORY CODE 211-116	7. PROJECT NUMBER UHHZ003007	8. PROJECT COST (\$000) 8,600
<p>12. SUPPLEMENTAL DATA:</p> <p>a. Estimated Design Data:</p> <p>(1) Project to be accomplished by design-build procedures</p> <p>(2) Basis:</p> <p>(a) Standard or Definitive Design - NO</p> <p>(b) Where Design Was Most Recently Used -</p> <p>(3) All Other Design Costs 466</p> <p>(4) Construction Contract Award 07 JAN</p> <p>(5) Construction Start 07 MAR</p> <p>(6) Construction Completion 08 APR</p> <p>(7) Energy Study/Life-Cycle analysis was/will be performed NO</p> <p>b. Equipment associated with this project provided from other appropriations: N/A</p>			

1. COMPONENT AIR FORCE	FY 2007 MILITARY CONSTRUCTION PROJECT DATA (computer generated)			2. DATE	
3. INSTALLATION AND LOCATION ROBINS AIR FORCE BASE, GEORGIA			4. PROJECT TITLE ADVANCED METAL FINISHING FACILITY		
5. PROGRAM ELEMENT 72896	6. CATEGORY CODE 211-152	7. PROJECT NUMBER UHHZ033011	8. PROJECT COST (\$000) 30,000		
9. COST ESTIMATES					
ITEM		U/M	QUANTITY	UNIT	COST
ADVANCED METAL FINISHING FACILITY					18,541
OPERATIONS		SM	4,645	1,488	(6,912)
PLATING SHOP		SM	2,787	1,396	(3,891)
BASEMENT		SM	2,787	1,396	(3,891)
CHEMICAL DEPAINT AREA		SM	1,394	2,760	(3,847)
SUPPORTING FACILITIES					8,266
UTILITIES		LS			(994)
PAVEMENTS		LS			(2,347)
SITE IMPROVEMENTS		LS			(637)
COMMUNICATIONS SUPPORT		LS			(197)
GENERATORS		LS			(400)
DEMOLITION		SM	4,460	480	(2,141)
ENVIRONMENTAL REMEDIATION		LS			(1,550)
SUBTOTAL					26,806
CONTINGENCY (5.0%)					1,340
TOTAL CONTRACT COST					28,146
SUPERVISION, INSPECTION AND OVERHEAD (5.7%)					1,604
TOTAL REQUEST					29,751
TOTAL REQUEST (ROUNDED)					30,000
EQUIPMENT FROM OTHER APPROPRIATIONS (NON-ADD)					(25,000)
10. Description of Proposed Construction: Construct a medium bay single story building with partial basement on a concrete foundation, concrete walls, insulated metal roof, and 20' high basement for chemical containment and ventilation ducting. Building will also have offices for personnel, covered loading docks with ramps for receiving and shipping of aircraft parts and chemicals and all supporting utilities. Demolish one facility totaling 4,460 SM. Air Conditioning: 200 Tons					
11. Requirement: 11613 SM Adequate: 0 SM Substandard: 10180 SM <u>PROJECT:</u> Construct an advanced metal finishing facility. (Current Mission) <u>REQUIREMENT:</u> This new Advanced Metal Finishing Facility is required to modernize plating techniques, enhance productivity, and provide for Best Available Technology (BAT) and Best Available Pollution Control Technology (BAPCT), and provide enhanced capability to electroplate current and future workloads. This facility will provide Robins AFB with state-of-the-art electroplating processes in flexible modular plating lines. It will ensure the compliance with the new and ever changing environmental regulations. Workloads associated with the total aircraft include flaps, ailerons, stabilizers, etc. on F-15 aircraft, blades, propeller hubs, and pump housings on C-130 aircraft, pivot arms and struts on C-5 aircraft, and tubes and skins on C-17 aircraft. Operations and Depaint areas require cooling to meet OSHA limits. Cranes/hoist are					

1. COMPONENT AIR FORCE	FY 2007 MILITARY CONSTRUCTION PROJECT DATA (computer generated)			2. DATE
3. INSTALLATION AND LOCATION ROBINS AIR FORCE BASE, GEORGIA			4. PROJECT TITLE ADVANCED METAL FINISHING FACILITY	
5. PROGRAM ELEMENT 72896	6. CATEGORY CODE 211-152	7. PROJECT NUMBER UHHZ033011	8. PROJECT COST (\$000) 30,000	
<p>required to support 30 process lines, prep areas, and maintenance requirements. In addition, the new facility will require chillers, a cooling tower, and numerous ventilation fans/scrubbers.</p> <p><u>CURRENT SITUATION:</u> The facilities that will be affected by this project, Buildings 142 and 180, are used in support of the component repair of the F-15, C-5, C-130, and the C-141 aircraft. These facilities house the plating, chemical depaint, abrasive blasting, and a portion of the NDI processes conducted at Robins AFB. Existing facilities are not suited to the maintenance operations and increasing production capabilities and flexibility in order to meet the war fighters needs. The plating operations dispose of over 50,000 gallons of wastewater per day, and the control devices for air emissions are far from optimal. A new, properly designed plating shop can increase workload, while simultaneously reducing water usage to less than 10,000 gallons per day. The chemical depaint facility uses tens of thousands of gallons of organic chemicals each year, all of which are emitted to the surrounding air and waterways. Scrubbers and capture/destruction equipment will be incorporated in the new construction, reducing the amount of air emissions of these operations.</p> <p><u>IMPACT IF NOT PROVIDED:</u> Reduced production times and improved delivery rates will not occur and the base will be limited in its ability to accommodate any of the metal finishing core shortfall for cargo aircraft. Plating process will remain antiquated and BAT and BAPCT will not be available to support current and future plating workload. Chemical waste will continue to be discharged into local air and water ways without the installation of scrubbers and emission capture equipment.</p> <p><u>ADDITIONAL:</u> This project meets the criteria/scope specified in Air Force Handbook 32-1084, "Facility Requirements." An economic analysis has been prepared comparing the alternatives of new construction, renovation, 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. Base Civil Engineer: Col Linden J. Torchia, (478) 926-3093. Operations: 4,645 SM = 50,000 SF; Plating Shop/Basement: 2,787 SM = 30,000 SF; Chemical Depaint Areat: 1,394 SM = 15,000 SF.</p> <p><u>JOINT USE CERTIFICATION:</u> This facility can be used by other components on an "as available" basis; however, the scope of the project is based on Air Force requirements.</p>				

1. COMPONENT AIR FORCE	FY 2007 MILITARY CONSTRUCTION PROJECT DATA (computer generated)		2. DATE
3. INSTALLATION AND LOCATION ROBINS AIR FORCE BASE, GEORGIA		4. PROJECT TITLE ADVANCED METAL FINISHING FACILITY	
5. PROGRAM ELEMENT 72896	6. CATEGORY CODE 211-152	7. PROJECT NUMBER UHHZ033011	8. PROJECT COST (\$000) 30,000
12. SUPPLEMENTAL DATA:			
a. Estimated Design Data:			
(1) Project to be accomplished by design-build procedures			
(2) Basis:			
(a) Standard or Definitive Design -			NO
(b) Where Design Was Most Recently Used -			
(3) All Other Design Costs			1,500
(4) Construction Contract Award			07 JAN
(5) Construction Start			07 FEB
(6) Construction Completion			09 JUN
(7) Energy Study/Life-Cycle analysis was/will be performed			YES
b. Equipment associated with this project provided from other appropriations:			
EQUIPMENT NOMENCLATURE	PROCURING APPRO	FISCAL YEAR APPROPRIATED OR REQUESTED	COST (\$000)
PLATING EQUIPMENT	3080	2007	25,000

1. COMPONENT AIR FORCE		FY 2007 MILITARY CONSTRUCTION PROGRAM						2. DATE			
INSTALLATION AND LOCATION HICKAM AIR FORCE BASE HAWAII				COMMAND: PACIFIC AIR FORCES			5. AREA CONST COST INDEX 1.69				
6. Personnel		PERMANENT			STUDENTS			SUPPORTED			TOTAL
Strength		OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV	
AS OF 30 SEP 05		1,157	5,132	3,215	0	0	0	0	0	0	9,504
END FY 2010		1,126	4,939	3,020	0	0	0	0	0	0	9,085
7. INVENTORY DATA (\$000)											
Total Acreage:		3,002									
Inventory Total as of : (30 Sep 04)					4,722,030						
Authorization Not Yet in Inventory:					61,370						
Authorization Requested in this Program:					28,538						
Authorization Included in the Following Program:		(FY 2008)			22,000						
Planned in Next Three Years Program:					132,620						
Remaining Deficiency:					247,100						
Grand Total:					5,213,658						
8. PROJECTS REQUESTED IN THIS PROGRAM: (FY 2007)											
CATEGORY							COST	DESIGN	STATUS		
CODE	PROJECT TITLE	SCOPE		\$,000	START	CMPL					
211-179	C-17 FUEL CELL NOSE DOCK	2,850	SM	25,000	May-05	Sep-06					
851-147	C-17 ROAD RESTORATION	23,454	SM	3,538	Apr-05	Sep-06					
		Total		28,538							
9a. Future Projects: Included in the Following Program: (FY2008)											
742-674	ADAL FITNESS CENTER	7,255	SM	22,000							
		Total		22,000							
9b. Future Projects: Typical Planned Next Three Years:											
812-225	UPGR ELEC DIST SYSTEM, PH 4	1	LS	8,000							
730-441	BASE EDUCATION CENTER	3,733	SM	9,200							
211-157	C-17 MAINT TRAINING DEVICE FAC	2,630	SM	13,200							
179-475	HAWAII JOINT REGIONAL CATM RANGE	2,572	SM	7,700							
116-116	C-17 SHORT AUSTERE AIRFIELD	80,044	SM	20,000							
731-142	MAIN AND SATELLITE FIRE/CRASH RESC	4,415	SM	21,800							
740-675	ADAL BASE LIBRARY	1,933	SM	8,600							
141-181	HOMELAND DEFENSE FIGHTER ALERT F	3,480	SM	21,000							
113-321	RPR AIRFIELD PAVEMENT, PHASE 3	125,354	SM	23,120							
		Total		132,620							
9c. Real Property Maintenance Backlog This Installation (\$M)											266
10. Mission or Major Functions: A host air base wing supporting C-135B/C aircraft and hosting Headquarters, Pacific Air Forces. The installation also hosts an Air National Guard wing consisting of an F-15A/B squadron, a KC-135 air refueling squadron, and a C-130H airlift squadron. Other major activities include an Air Intelligence Agency intelligence group and an Air Mobility Support group.											
11. Outstanding pollution and Safety (OSHA Deficiencies):											
a. Air pollution		0									
b. Water Pollution		0									
c. Occupational Safety and Health		0									
d. Other Environmental		0									

1. COMPONENT AIR FORCE	FY 2007 MILITARY CONSTRUCTION PROJECT DATA (computer generated)			2. DATE	
3. INSTALLATION AND LOCATION HICKAM AIR FORCE BASE, HAWAII			4. PROJECT TITLE C-17 FUEL CELL NOSE DOCK		
5. PROGRAM ELEMENT 41130	6. CATEGORY CODE 211-179	7. PROJECT NUMBER KNMD043008A	8. PROJECT COST (\$000) 25,000		
9. COST ESTIMATES					
ITEM		U/M	QUANTITY	UNIT	COST
C-17 FUEL CELL NOSE DOCK					14,226
FUEL CELL NOSE DOCK		SM	2,250	4,500	(10,125)
FUEL SYSTEM SHOP		SM	600	6,645	(3,987)
ANTITERRORISM/FORCE PROTECTION		SM	2,850	40	(114)
SUPPORTING FACILITIES					8,364
UTILITIES		LS			(4,424)
SITE IMPROVEMENTS		SM	16,000	33	(528)
PAVEMENTS		SM	1,550	75	(116)
COMMUNICATIONS		LS			(105)
AIRFIELD PAVEMENTS		SM	4,630	430	(1,991)
SOIL REMEDIATION/ARCHAEOLOGICAL MONITORING		LS			(200)
FUEL SPILL CONTAINMENT/CONTROL		LS			(1,000)
SUBTOTAL					22,590
CONTINGENCY (5.0%)					1,130
TOTAL CONTRACT COST					23,720
SUPERVISION, INSPECTION AND OVERHEAD (6.5%)					1,542
TOTAL REQUEST					25,261
TOTAL REQUEST (ROUNDED)					25,000
10. Description of Proposed Construction: Reinforced concrete foundation, floor slabs on pilings, structural steel frame, masonry walls, and roof. Includes maintenance hangar space, fire protection/suppression system, mechanical areas, storage space, equipment storage, fuel cell air-handling equipment, renewable energy measures, soil remediation, archaeological monitoring, antiterrorism/force protection measures and supporting facilities.					
Air Conditioning: 26 Tons					
11. Requirement: 8519 SM Adequate: 2734 SM Substandard: 4890 SM					
PROJECT: Construct C-17 fuel cell nose dock. (New Mission)					
REQUIREMENT: Hickam AFB requires an adequately sized and configured fuel cell maintenance facility for C-17 fuel cell maintenance requirements. A C-17 aircraft requires large fuel cell maintenance aerospace equipment (ASE) which requires ample space adjacent to operations parking space for maintenance efforts; and articulated fuel cell air-handling stations to be positioned from a stored configuration for over wing position to enhance fuel cell maintenance.					
CURRENT SITUATION: The base has fuel cell maintenance facilities for C-130/KC-135 aircraft; however, these facilities cannot accommodate C-17 aircraft for fuel cell maintenance requirements as the existing facility does not meet the width/depth requirements of the C-17. In addition, the existing fuel cell violates airfield design criteria and cannot be modified for C-17 fuel cell operations. There are no other hangar facilities that can handle C-17 for fuel cell maintenance. Without a C-17 fuel					

1. COMPONENT AIR FORCE	FY 2007 MILITARY CONSTRUCTION PROJECT DATA (computer generated)		2. DATE
3. INSTALLATION AND LOCATION HICKAM AIR FORCE BASE, HAWAII		4. PROJECT TITLE C-17 FUEL CELL NOSE DOCK	
5. PROGRAM ELEMENT 41130	6. CATEGORY CODE 211-179	7. PROJECT NUMBER KNMD043008A	8. PROJECT COST (\$000) 25,000
<p>cell facility, both maintenance training and aircraft fuel cell workload, within technical order guidance, cannot be accomplished. Fuel cell work accomplished on the flight line is impacted by safety issues. Weather conditions (rain and wind) often limit the amount and type of fuel cell maintenance that would otherwise be possible with a proper fuel cell maintenance facility. Off-station fuel cell work presents high costs in terms of transient time, aircraft availability, aircrew requirements, and effective scheduling. Off-station fuel cell hangars must also be available for transient workload, when required, which drives local scheduling to meet someone else's hangar availability schedules. Utility costs on this project are high due to the storm drainage problem in the construction area. There is an existing storm drain system that runs under the proposed facility footprint that requires relocation. This is an infrastructure and an AT/FP issue due to the size and location of the storm drains.</p> <p>IMPACT IF NOT PROVIDED: This facility will be late-to-need based on first aircraft delivery of February 2006. Without hangar fuel cell capability, full mission capability and proper beddown of the C-17 will be negatively impacted. Required maintenance work will have to be accomplished on the flight line causing time delays in maintenance operations due to weather constraints and not working in a facility.</p> <p>ADDITIONAL: This project meets the scope/criteria specified in Air Force Handbook 32-1084, "Facility Requirements." A preliminary analysis of reasonable options for satisfying this requirement indicates that only one option will meet mission needs. Therefore, a complete economic analysis was not performed. A certificate of exception has been prepared. Base Civil Engineer: Colonel Andrew Q. Knapp, 808-449-1660. (C-17 Fuel Cell Nose Dock Facility: 2,850 SM = 30,677 SF)</p> <p>JOINT USE CERTIFICATION: This facility can be used by other components on an "as available" basis; however, the scope of the project is based on Air Force requirements.</p>			

1. COMPONENT AIR FORCE	FY 2007 MILITARY CONSTRUCTION PROJECT DATA (computer generated)		2. DATE
3. INSTALLATION AND LOCATION HICKAM AIR FORCE BASE, HAWAII		4. PROJECT TITLE C-17 FUEL CELL NOSE DOCK	
5. PROGRAM ELEMENT 41130	6. CATEGORY CODE 211-179	7. PROJECT NUMBER KNMD043008A	8. PROJECT COST (\$000) 25,000
12. SUPPLEMENTAL DATA:			
a. Estimated Design Data:			
(1) Status:			
(a) Date Design Started			10-MAY-05
(b) Parametric Cost Estimates used to develop costs			YES
* (c) Percent Complete as of 01 JAN 2006			15%
* (d) Date 35% Designed			10-AUG-05
(e) Date Design Complete			10-SEP-06
(f) Energy Study/Life-Cycle analysis was/will be performed			YES
(2) Basis:			
(a) Standard or Definitive Design -			NO
(b) Where Design Was Most Recently Used -			
(3) Total Cost (c) = (a) + (b) or (d) + (e):			(\$000)
(a) Production of Plans and Specifications			1,440
(b) All Other Design Costs			720
(c) Total			2,160
(d) Contract			1,800
(e) In-house			360
(4) Construction Contract Award			07 JAN
(5) Construction Start			07 FEB
(6) Construction Completion			09 FEB
* Indicates completion of Project Definition with Parametric Cost Estimate which is comparable to traditional 35% design to ensure valid scope, cost and executability.			
b. Equipment associated with this project provided from other appropriations: N/A			

1. COMPONENT AIR FORCE	FY 2007 MILITARY CONSTRUCTION PROJECT DATA (computer generated)			2. DATE	
3. INSTALLATION AND LOCATION HICKAM AIR FORCE BASE, HAWAII			4. PROJECT TITLE C-17 RESTORE AIRCRAFT APRON AND ACCESS ROAD		
5. PROGRAM ELEMENT 41130	6. CATEGORY CODE 851-147	7. PROJECT NUMBER KNMD063020	8. PROJECT COST (\$000) 3,538		
9. COST ESTIMATES					
ITEM		U/M	QUANTITY	UNIT	COST
C-17 RESTORE AIRCRAFT APRON AND ACCESS ROAD					2,655
REPAIR ROADWAY PAVEMENT		SM	23,454	110	(2,580)
AIRFIELD REPAIR AND RE-STRIPING		LS			(75)
SUPPORTING FACILITIES					614
TEMPORARY ROAD REMOVAL		LS			(150)
FENCE REMOVAL		LS			(10)
SITE RESTORATION, TEMPORARY ROAD		LS			(254)
SOIL REMEDIATION/ARCHEOLOGICAL MONITORING		LS			(200)
SUBTOTAL					3,269
CONTINGENCY (5.0%)					163
TOTAL CONTRACT COST					3,432
SUPERVISION, INSPECTION AND OVERHEAD (6.5%)					223
TOTAL REQUEST					3,655
TOTAL REQUEST (ROUNDED)					3,538
10. Description of Proposed Construction: Work to include repair of roads and areas used for construction routes and storage areas in support of the C-17 beddown program. Work will involve excavation and replacement of existing pavement, repair of underlying base course, removal and disposal of existing asphalt pavement, removal of fencing, repair of apron parking area, restriping of apron, landscaping and repair of parking areas.					
11. Requirement: LS Adequate: LS Substandard: LS					
PROJECT: C-17 Restore Aircraft Apron and Access Road. (New Mission)					
REQUIREMENT: Hickam AFB is undergoing a major construction program to support the beddown of a squadron of C-17 Globemaster III aircraft. To accomplish this magnitude of construction with a complex schedule, a dedicated haul route was established from Hickam's back gate along an existing road, across a wide body aircraft parking apron and through the C-17 complex construction site. Within this site several major equipment lay-down areas were established to store construction materials as they were brought onto the site. The haul route is also used to remove excavated pavement, soil and other materials and equipment from the construction sites. These areas need to be repaired in order to return Hickam's haul route roads, lay down areas and aircraft parking apron to a usable condition at the conclusion of the major construction projects.					
CURRENT SITUATION: The existing road was not designed for the level of traffic and heavy loads experienced during the construction process. This includes a heavy flow of traffic consisting of heavy equipment trucks, concrete trucks, and thousands of equipment and supply trucks. The identified haul route enters the base at the back gate and detours off the main road to a point where it crosses the AMC wide body aircraft parking apron and then to the construction site of the planned C-17 facilities. This alternate route necessitated the installation of a fence across the apron through one of					

1. COMPONENT AIR FORCE	FY 2007 MILITARY CONSTRUCTION PROJECT DATA (computer generated)		2. DATE
3. INSTALLATION AND LOCATION HICKAM AIR FORCE BASE, HAWAII		4. PROJECT TITLE C-17 RESTORE AIRCRAFT APRON AND ACCESS ROAD	
5. PROGRAM ELEMENT 41130	6. CATEGORY CODE 851-147	7. PROJECT NUMBER KNMD063020	8. PROJECT COST (\$000) 3,538
<p>the wide body parking spots and re-striping of roadways and aircraft parking pavements. There are also large vegetated areas of the site that are being used for temporary equipment storage in which all landscaping was removed.</p> <p>IMPACT IF NOT PROVIDED: The volume and weight of construction traffic will cause rutting and cracking of the affected main base roads to the point where much of the pavement will become unusable for travel. Damage caused by equipment and materials in the lay-down area will result in the loss of an essential wide body parking spot needed for C-5 aircraft to support AMC's strategic airlift mission and PACOM OPLANS. Dust, dirt, and deteriorated pavement will increase potential for FOD damage to parked C-5 and new C-17 aircraft as well as to new facilities including air handling systems, exterior finishes, and new C-17 maintenance equipment. Severe damage to a major route used to transport material to the AMC cargo terminal will result in degradation of AMC mission and risk of FOD to mission aircraft.</p> <p>ADDITIONAL: This project meets the criteria/scope specified in Air Force Handbook 32-1084, "Facility Requirements." All known alternative options were considered during the development of this project. No other option could meet the mission requirement; therefore, no economic analysis was performed. A certificate of exception has been prepared. Base Civil Engineer: Andrew Q. Knapp, 808-449-1660. (Road Restoration: 14,364 SM = 155,557 SF)</p> <p>JOINT USE CERTIFICATION: This route is frequently used by multiple services other than the Air Force, including the Army and Air National Guard. It is a primary access route to the AMC cargo terminal as well as key mobility facilities.</p>			

1. COMPONENT AIR FORCE	FY 2007 MILITARY CONSTRUCTION PROJECT DATA (computer generated)		2. DATE
3. INSTALLATION AND LOCATION HICKAM AIR FORCE BASE, HAWAII		4. PROJECT TITLE C-17 RESTORE AIRCRAFT APRON AND ACCESS ROAD	
5. PROGRAM ELEMENT 41130	6. CATEGORY CODE 851-147	7. PROJECT NUMBER KNMD063020	8. PROJECT COST (\$000) 3,538
12. SUPPLEMENTAL DATA:			
a. Estimated Design Data:			
(1) Status:			
(a) Date Design Started			20-APR-05
(b) Parametric Cost Estimates used to develop costs			YES
* (c) Percent Complete as of 01 JAN 2006			15%
* (d) Date 35% Designed			10-NOV-05
(e) Date Design Complete			10-SEP-06
(f) Energy Study/Life-Cycle analysis was/will be performed			YES
(2) Basis:			
(a) Standard or Definitive Design -			NO
(b) Where Design Was Most Recently Used -			
(3) Total Cost (c) = (a) + (b) or (d) + (e):			(\$000)
(a) Production of Plans and Specifications			152
(b) All Other Design Costs			76
(c) Total			228
(d) Contract			203
(e) In-house			25
(4) Construction Contract Award			07 JAN
(5) Construction Start			07 FEB
(6) Construction Completion			08 FEB
* Indicates completion of Project Definition with Parametric Cost Estimate which is comparable to traditional 35% design to ensure valid scope, cost and executability.			
b. Equipment associated with this project provided from other appropriations: N/A			

1. COMPONENT AIR FORCE		FY 2007 MILITARY CONSTRUCTION PROGRAM						2. DATE			
3. INSTALLATION AND LOCATION SCOTT AIR FORCE BASE ILLINOIS			4. COMMAND: AIR MOBILITY COMMAND			5. AREA CONST COST INDEX 1.19					
6. Personnel Strength	PERMANENT			STUDENTS			SUPPORTED			TOTAL	
	OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV		
AS OF 30 SEP 05	1,718	4,243	5,577	0	0	0	428	1,705	4,292	17,963	
END FY 2010	1,718	4,243	5,577	0	0	0	428	1,705	4,292	17,963	
7. INVENTORY DATA (\$000)											
Total Acreage:		5,389									
Inventory Total as of : (30 Sep 05)										2,272,348	
Authorization Not Yet in Inventory:										32,800	
Authorization Requested in this Program:						(FY 2007)					20,000
Authorization Included in the Following Program:						(FY 2008)					46,531
Planned in Next Three Years Program:						(FY 2009-2011)					30,469
Remaining Deficiency:										28,000	
Grand Total:										2,430,148	
8. PROJECTS REQUESTED IN THIS PROGRAM: (FY 2007)											
CATEGORY						COST	DESIGN	STATUS			
CODE	PROJECT TITLE	SCOPE				\$,000	START	CMPL			
010-142	Dormitory (120 Rm)	3,960 RM				20,000	Design-Build				
					TOTAL	20,000					
9a. Future Projects: Included in the Following Program: (FY2008)											
063-001	Security Forces Operations	3,150 SM				10,400	Design-Build				
610-248	Const HQ AMC/USTRANSCOM Fac, Ph1	12,000 SM				36,131	Design-Build				
					TOTAL	46,531					
9b. Future Projects: Typical Planned Next Three Years: (FY 2009-2011)											
610-248	Const HQ AMC/USTRANSCOM Fac, Ph2	8,000 SM				23,469					
740-884	Construct Child Development Center	2,100 SM				7,000					
					TOTAL	30,469					
9c. Real Property Maintenance Backlog This Installation (\$M)										80	
10. Mission or Major Functions: Headquarters Air Mobility Command and US Transportation Command, an aeromedical evacuation wing, with an AF Reserve Associate wing and an Air National Guard air refueling wing.											
11. Outstanding pollution and Safety (OSHA Deficiencies):											
a. Air pollution								0			
b. Water Pollution								0			
c. Occupational Safety and Health								0			
d. Other Environmental								0			

1. COMPONENT AIR FORCE	FY 2007 MILITARY CONSTRUCTION PROJECT DATA (computer generated)			2. DATE	
3. INSTALLATION AND LOCATION SCOTT AIR FORCE BASE, ILLINOIS			4. PROJECT TITLE DORMITORY (120 RM)		
5. PROGRAM ELEMENT 41896	6. CATEGORY CODE 721-312	7. PROJECT NUMBER VDYD010142	8. PROJECT COST (\$000) 20,000		
9. COST ESTIMATES					
ITEM		U/M	QUANTITY	UNIT	COST
DORMITORY (120 RM)					10,227
DORMITORY		SM	3,960	2,557	(10,126)
ANTITERRORISM/FORCE PROTECTION		SM	3,960	26	(101)
SUPPORTING FACILITIES					7,786
WIDEN WARD STREET		LM	1,100	4,020	(4,422)
PAVEMENTS		LS			(900)
UTILITIES		LS			(560)
SITWORK		LS			(520)
COMM SUPPORT		LS			(560)
DEMOLITION		SM	4,875	169	(824)
SUBTOTAL					18,013
CONTINGENCY (5.0%)					901
TOTAL CONTRACT COST					18,913
SUPERVISION, INSPECTION AND OVERHEAD (5.7%)					1,078
TOTAL REQUEST					19,991
TOTAL REQUEST (ROUNDED)					20,000
EQUIPMENT FROM OTHER APPROPRIATIONS (NON-ADD)					(2,500)
<p>10. Description of Proposed Construction: Three story facility with reinforced concrete foundation, brick veneer, steel trusses, and sloped standing seam metal roof; complete with all utilities, fire detection/suppression, and pavements. The project includes four-bedroom modules, with individual bathrooms and walk-in closets, and a shared social space/kitchen. Due to traffic flow interruption and access to the dorm and admin areas Ward Drive will be widened from two lanes to three. This project includes adequate parking, lighting, landscaping, and all necessary support and any other work associated with this project. Project also includes partial demolition Bldg 1899 (304 SM) and the demolition of Bldg 1912 (4,571 SM). AT/FP physical security IAW DOD minimum construction standards.</p> <p>Air Conditioning: 175 Tons</p>					
<p>11. Requirement: 564 RM Adequate: 444 RM Substandard: 120 RM</p> <p><u>PROJECT:</u> Construct Dormitory (Current Mission)</p> <p><u>REQUIREMENT:</u> The Air Force relies on highly trained, motivated unaccompanied enlisted men and women to support increasingly technical air and space missions. A major Air Force objective provides unaccompanied enlisted personnel with housing conducive to their proper rest, relaxation, and personal well-being. Properly designed and furnished quarters providing some degree of individual privacy are essential to the successful accomplishment of the increasingly complicated and important jobs these people must perform. The retention of these highly trained airmen is essential to our readiness posture and continuing worldwide presence. Ward Drive must be widened from two lanes to three, and Bucher and Birchard Streets altered to accommodate increased traffic flow</p>					

1. COMPONENT AIR FORCE	FY 2007 MILITARY CONSTRUCTION PROJECT DATA (computer generated)		2. DATE
3. INSTALLATION AND LOCATION SCOTT AIR FORCE BASE, ILLINOIS		4. PROJECT TITLE DORMITORY (120 RM)	
5. PROGRAM ELEMENT 41896	6. CATEGORY CODE 721-312	7. PROJECT NUMBER VDYD010142	8. PROJECT COST (\$000) 20,000
<p>while maintaining ATFP measures and traffic safety. This project complies with DoD interim minimum force protection construction standards, and is in accordance with the Scott Air Force Base General Plan published in October 2004.</p> <p><u>CURRENT SITUATION:</u> The base has inadequate on-base housing to accommodate the unaccompanied enlisted personnel. Bldg 1912 was constructed in 1969. The structural system, windows, and doors of this dormitory cannot be economically upgraded to meet force protection requirements. The electrical, mechanical, and telecommunications systems in the building are antiquated and contribute to the high annual RPM costs. Additionally, the dorm does not meet AF standards for lighting, private closet space, laundry facilities, and private bathrooms. In accordance with the base master plan and dorm siting Ward Drive will need to be widened, and Bucher and Birchard Streets altered to avoid interruption to base mission accomplishment from traffic congestion/safety, and conform to ATFP standards.</p> <p><u>IMPACT IF NOT PROVIDED:</u> Adequate living quarters, which provide a level of privacy required for today's airman, will not be available, resulting in degradation of morale, productivity, and career satisfaction for unaccompanied enlisted personnel. The existing dorm does not provide adequate housing according to current AF housing standards.</p> <p><u>ADDITIONAL:</u> This project meets the scope/criteria specified in the new uniform dormitory construction standard known as "Dorms-4-Airmen" established by the Air Force. All known alternatives were considered during the development of this project. No other option could meet mission requirements; therefore no economic analysis was needed or performed. A certificate of exception will be prepared. Sustainable principles will be integrated into the design, development, and construction of the project in accordance with Executive Order 13123 and other applicable laws and Executive Orders. FY2004 Unaccompanied Housing RPM Conducted: \$2,772K; FY2005 Unaccompanied Housing RPM Conducted: \$848K. Future Unaccompanied Housing RPM requirements (estimated): FY06: \$413K; FY07: \$322K; FY08: \$338K. Base Civil Engineer: Lt Col Dimasalang F. Junio (618) 256-2701. Dormitory 3,960 SM = 42,610 SF.</p> <p><u>JOINT USE CERTIFICATION:</u> This facility can be used by other components on an "as available" basis; however, the scope of the project is based on Air Force requirements.</p>			

1. COMPONENT AIR FORCE	FY 2007 MILITARY CONSTRUCTION PROJECT DATA (computer generated)		2. DATE
3. INSTALLATION AND LOCATION SCOTT AIR FORCE BASE, ILLINOIS		4. PROJECT TITLE DORMITORY (120 RM)	
5. PROGRAM ELEMENT 41896	6. CATEGORY CODE 721-312	7. PROJECT NUMBER VDYD010142	8. PROJECT COST (\$000) 20,000
12. SUPPLEMENTAL DATA:			
a. Estimated Design Data:			
(1) Project to be accomplished by design-build procedures			
(2) Basis:			
(a) Standard or Definitive Design -			NO
(b) Where Design Was Most Recently Used -			
(3) All Other Design Costs			1,000
(4) Construction Contract Award			07 JAN
(5) Construction Start			07 MAR
(6) Construction Completion			09 MAR
(7) Energy Study/Life-Cycle analysis was/will be performed			YES
b. Equipment associated with this project provided from other appropriations:			
EQUIPMENT NOMENCLATURE	PROCURING APPRO	FISCAL YEAR APPROPRIATED OR REQUESTED	COST (\$000)
FURNISHINGS	3400	2007	2,500

1. COMPONENT AIR FORCE		FY 2007 MILITARY CONSTRUCTION PROGRAM					2. DATE			
3. INSTALLATION AND LOCATION FORT KNOX, KENTUCKY			4. COMMAND: AIR COMBAT COMMAND			5. AREA CONST COST INDEX 1.05				
6. Personnel Strength	PERMANENT			STUDENTS			SUPPORTED			
	OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV	TOTAL
	AS OF 30 SEP 05	3	22	0	0	0	0	0	0	25
END FY 2010	3	22	0	0	0	0	0	0	25	
7. INVENTORY DATA (\$000)										
a. Total Acreage:										0
b. Inventory Total as of : (30 Sep 05)										0
c. Authorization Not Yet in Inventory:										0
d. Authorization Requested in this Program:										3,500
e. Authorization Included in the Following Program: (FY 2008)										0
f. Planned in Next Three Years Program:										0
g. Remaining Deficiency:										0
h. Grand Total:										3,500
8. PROJECTS REQUESTED IN THIS PROGRAM: (FY 2007)										
CATEGORY										
CODE	PROJECT TITLE				SCOPE	COST \$ <u>000</u>	DESIGN START	STATUS C <u>MPL</u>		
141-753	TACP ASOS Facility				1,334 SM	3,500	Jan-06	Sep-06		
					Total	3,500				
9a. Future Projects: Included in the Following Program: (FY2008)										
9b. Future Projects: Typical Planned Next Three Years:										
9c. Real Property Maintenance Backlog This Installation (\$M)										
10. Mission or Major Functions: Command and control of close air support operations in support of Army units.										
11. Outstanding pollution and Safety (OSHA) Deficiencies:										
a. Air pollution:							0			
b. Water Pollution:							0			
c. Occupational Safety and Health							0			
d. Other Environmental:							0			

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1. COMPONENT AIR FORCE	FY 2007 MILITARY CONSTRUCTION PROJECT DATA (computer generated)			2. DATE	
3. INSTALLATION AND LOCATION FORT KNOX, KENTUCKY		4. PROJECT TITLE TACP ASOS FACILITY			
5. PROGRAM ELEMENT 27596	6. CATEGORY CODE 141-753	7. PROJECT NUMBER ACC070040	8. PROJECT COST (\$000) 3,500		
9. COST ESTIMATES					
ITEM		U/M	QUANTITY	UNIT	COST
TACP ASOS FACILITY					2,581
AIR SUPPORT OPERATIONS SQUADRON		SM	921	2,520	(2,321)
HMMWV STORAGE		SM	413	600	(248)
ANTITERRORISM/FORCE PROTECTION		SM	1,334	9	(12)
SUPPORTING FACILITIES					593
UTILITIES		LS			(157)
PAVEMENTS		LS			(101)
SITE IMPROVEMENTS		LS			(335)
SUBTOTAL					3,174
CONTINGENCY (5.0%)					159
TOTAL CONTRACT COST					3,332
SUPERVISION, INSPECTION AND OVERHEAD (5.7%)					190
TOTAL REQUEST					3,522
TOTAL REQUEST (ROUNDED)					3,500
10. Description of Proposed Construction: Reinforced concrete foundations and floor slab, brick masonry exterior, standing seam metal roof, site preparation, utilities, fire detection/protection, landscaping, parking and access road, communication support, and all other necessary support. Force protection includes reinforced exterior walls and fully laminated windows. Air Conditioning: 65 Tons					
11. Requirement: 1334 SM Adequate: 0 SM Substandard: 0 SM PROJECT: Construct an Air Support Operations Squadron (ASOS) Facility. (Current Mission) REQUIREMENT: A facility is required to adequately support air support operations, training, administration, and maintenance for an Air Support Operations Squadron at Ft Knox, Kentucky. The facility will house one flight. This project supports Air Force Transformation initiatives to collocate ASOS squadrons with their aligned Army units. The ASOS provides command and control of close air support and maintains mission-ready air support operations personnel, radios, vehicles, and mobility equipment. CURRENT SITUATION: There is no excess facility space available at Fort Knox that can be reconfigured to support the operational and maintenance requirements associated with the ASOS mission. ASOS personnel start arriving at Ft Knox in FY06, and the US Army brigade it is aligned with completes realignment from Europe in FY06. IMPACT IF NOT PROVIDED: Failure to provide facilities will significantly impact the ASOS operational capabilities. Facilities will not be available to perform operations and maintenance functions critical to providing close air support. Also, without adequate facility space, valuable assets will remain exposed to harsh environments resulting in premature deterioration and increased maintenance costs. ADDITIONAL: This project meets the criteria/scope specified in Air Force Handbook 32-					

1. COMPONENT AIR FORCE	FY 2007 MILITARY CONSTRUCTION PROJECT DATA (computer generated)		2. DATE
3. INSTALLATION AND LOCATION FORT KNOX, KENTUCKY		4. PROJECT TITLE TACP ASOS FACILITY	
5. PROGRAM ELEMENT 27596	6. CATEGORY CODE 141-753	7. PROJECT NUMBER ACC070040	8. PROJECT COST (\$000) 3,500
<p>1084, "Facility Requirements" and the Air Force ASOS Design Guide. A preliminary analysis for accomplishing this project was conducted and it indicates there is only one option that will meet requirements. Because of this, a full economic analysis was not performed. A certificate of exception has been prepared. (ASOS: 921 SM = 9,911 SF; HMMWV Storage: 413 SM = 4,440 SF)</p> <p>JOINT USE CERTIFICATION: This facility can be used by other components on an "as available" basis; however, the scope of the project is based on Air Force requirements.</p>			

1. COMPONENT AIR FORCE	FY 2007 MILITARY CONSTRUCTION PROJECT DATA (computer generated)		2. DATE
3. INSTALLATION AND LOCATION FORT KNOX, KENTUCKY		4. PROJECT TITLE TACP ASOS FACILITY	
5. PROGRAM ELEMENT 27596	6. CATEGORY CODE 141-753	7. PROJECT NUMBER ACC070040	8. PROJECT COST (\$000) 3,500
12. SUPPLEMENTAL DATA:			
a. Estimated Design Data:			
(1) Status:			
(a) Date Design Started			12-OCT-05
(b) Parametric Cost Estimates used to develop costs			YES
* (c) Percent Complete as of 01 JAN 2006			15%
* (d) Date 35% Designed			13-MAR-06
(e) Date Design Complete			20-SEP-06
(f) Energy Study/Life-Cycle analysis was/will be performed			YES
(2) Basis:			
(a) Standard or Definitive Design -			YES
(b) Where Design Was Most Recently Used -			
(3) Total Cost (c) = (a) + (b) or (d) + (e):			(\$000)
(a) Production of Plans and Specifications			210
(b) All Other Design Costs			105
(c) Total			315
(d) Contract			280
(e) In-house			35
(4) Construction Contract Award			07 FEB
(5) Construction Start			07 MAR
(6) Construction Completion			08 FEB
* Indicates completion of Project Definition with Parametric Cost Estimate which is comparable to traditional 35% design to ensure valid scope, cost and executability.			
b. Equipment associated with this project provided from other appropriations: N/A			

1. COMPONENT AIR FORCE			FY 2007 MILITARY CONSTRUCTION PROGRAM						2. DATE	
3. INSTALLATION AND LOCATION ANDREWS AIR FORCE BASE MARYLAND				4. COMMAND: AIR MOBILITY COMMAND			5. AREA CONST COST INDEX 1.00			
6. Personnel	PERMANENT			STUDENTS			SUPPORTED			TOTAL
Strength	OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV	
AS OF 30 SEP 05	1,946	7,506	2,711							12,163
END FY 2010	2,019	7,789	3,071							12,879
7. INVENTORY DATA (\$000)										
Total Acreage:	8,250									
Inventory Total as of : (29 Dec 05)										3,636,548
Authorization Not Yet in Inventory:										274,700
Authorization Requested in this Program:										29,000
Authorization Included in the Following Program:				(FY 2008)						0
Planned in Next Three Year Program:										38,000
Remaining Deficiency:										207,700
Grand Total:										4,185,948
8. PROJECTS REQUESTED IN THIS PROGRAM: (FY 2007)										
CATEGORY	PROJECT TITLE	SCOPE	COST \$,000	DESIGN START	STATUS					
CODE					CMPL					
610-284	Strategic Planning and Development Facility	4,447 SM	29,000	Nov-05	Sep-06					
			TOTAL	29,000						
9a. Future Projects: Included in the Following Program: (FY2008)										
9b. Future Projects: Planned Next Three Years:										
730-441	Consolidated Library/Education Center	3,025 SM	18,000							
740-674	Physical Fitness Center	6,309 SM	20,000							
			TOTAL	38,000						
9c. Real Property Maintenance Backlog This Installation (\$M) 194										
10. Mission or Major Function: Airlift wing flying various fixed wing and rotary aircraft responsible for transporting our Nation's civilian and military leaders to locations around the globe...in peace, crisis, and conflict...and to employ a wide range of current and emerging command, control and communications capabilities to keep them aware of current events and to allow them to make timely decisions that further US interests."										
11. Outstanding pollution and Safety (OSHA Deficiencies):										
a. Air pollution									0	
b. Water Pollution									0	
c. Occupational Safety and Health									0	
d. Other Environmental									0	

1. COMPONENT AIR FORCE	FY 2007 MILITARY CONSTRUCTION PROJECT DATA (computer generated)			2. DATE	
3. INSTALLATION AND LOCATION ANDREWS AIR FORCE BASE, MARYLAND			4. PROJECT TITLE STRATEGIC PLANNING AND DEVELOPMENT FACILITY		
5. PROGRAM ELEMENT 41896	6. CATEGORY CODE 610-284	7. PROJECT NUMBER AJXF063008	8. PROJECT COST (\$000) 29,000		
9. COST ESTIMATES					
ITEM		U/M	QUANTITY	UNIT	COST
STRATEGIC PLANNING AND DEVELOPMENT FACILITY					15,340
STRATEGIC PLANNING AND DEVELOPMENT FACILITY		SM	4,447	3,100	(13,786)
ANTITERRORISM/FORCE PROTECTION		SM	4,447	349	(1,554)
SUPPORTING FACILITIES					10,889
PAVEMENTS/ROADS/PARKING		LS			(3,270)
UTILITIES		LS			(1,968)
SITE IMPROVEMENTS		LS			(1,291)
ENVRIONMENTAL CONTROLS		LS			(1,257)
SCI SHIELDING		LS			(1,100)
COMMUNICATIONS		LS			(723)
BACK-UP POWER		LS			(650)
DEMOLITION (PARKING LOTS/PAVEMENTS/ROADS)		LS			(449)
LANDSCAPING / HARDSCAPING		LS			(181)
SUBTOTAL					26,229
CONTINGENCY (5.0%)					1,311
TOTAL CONTRACT COST					27,540
SUPERVISION, INSPECTION AND OVERHEAD (5.7%)					1,570
TOTAL REQUEST					29,110
TOTAL REQUEST (ROUNDED)					29,000
EQUIPMENT FROM OTHER APPROPRIATIONS (NON-ADD)					(4,480.0)
10. Description of Proposed Construction: Construct facilities on concrete foundation, with masonry walls, metal seam roof, fire detection/suppression system, HVAC, emergency power, associated site utilities, parking, force protection, perimeter security, grading, outside patio area, landscaping, hardscaping, and enironmental controls (stormwater management and erosion/sediment controls/). Includes demolition of parking lots/roads and necessary support. This project will comply with DoD antiterrorism/force protection requirements per unified facilities criteria Air Conditioning: 200 Tons					
11. Requirement: 4447 SM Adequate: 0 SM Substandard: 0 SM PROJECT: Strategic Planning and Development Facility (Current Mission) REQUIREMENT: A requirement exists to provide a properly configured facility to host strategic and transformational planning sessions with the ability to hold and transmit classified discussions (up to and including secure compartmented information (SCI)) at discrete, easily accessible, antiterrorism/force-protected location in the National Capitol Region. The Strategic Planning and Development Facility (SPDF) will enable national leadership to assemble in a single location to examine and develop doctrine, strategy, and policy. Air Force transformation requires a facility where leadership can meet to conduct both organizational performance planning to enhance near-term mission					

1. COMPONENT AIR FORCE	FY 2007 MILITARY CONSTRUCTION PROJECT DATA (computer generated)			2. DATE
3. INSTALLATION AND LOCATION ANDREWS AIR FORCE BASE, MARYLAND			4. PROJECT TITLE STRATEGIC PLANNING AND DEVELOPMENT FACILITY	
5. PROGRAM ELEMENT 41896	6. CATEGORY CODE 610-284	7. PROJECT NUMBER AJXF063008	8. PROJECT COST (\$000) 29,000	

tasks/priorities, and future capabilities planning to develop future capabilities. Additionally, this facility provides a location for service, joint, and coalition planning/war-gaming, and application of national assets through command, control, and communications (C3) capabilities. The SPDF will accommodate large single events or simultaneous smaller meetings through a full complement of planning, seminar, and meeting rooms. Space is required for one 600 person multi-function room dividable into 6 sections, 265-person auditorium with stadium style seating, 150-person SCI conference room with C3 capability, one 50-person and two 30-person executive conference rooms, audio/visual equipment rooms, storage, administration, and kitchen area for food preparation and dishwashing and parking for 500 spaces. An adequate SPDF is essential to support the Air Force, and DoD supporting agencies not only in the National Capitol Region, but both nationally and internationally due to the fly-in/fly-out capabilities provided when this facility is constructed at Andrews Air Force Base.

CURRENT SITUATION: Currently there is no facility in the National Capital Region that can accommodate classified meetings in an ATFP approved location, with a discrete fly-in/fly-out capability for mass gatherings. Commercial hotels and planning centers cannot provide the required level of operational, physical and information security necessary to conduct sensitive briefings/meetings on a large scale. Off-base planning facilities are not only very limited due to high demand for these type of facilities in the National Capital Region for military, governmental, and industry meetings, but require relaxation of ATFP Criteria for these gatherings. Additionally, hotels and commercial planning facilities do not provide sustained protection against accidental or intentional interception of classified communications.

IMPACT IF NOT PROVIDED: The lack of an adequate planning facility poses difficult informational and security problem for planning sessions and meetings with sensitive information; furthermore, it severely limits the number of personnel able to attend these sessions. This limitation often leaves voids in information that is required for efficient and effective planning. Additionally, meetings will continue to be held in unsecured, force protection-limited facilities, where terrorists or persons intending on disrupting meetings can more easily target senior leaders and mass gatherings of personnel, or where sensitive information could be compromised. These meetings will continue to be inefficient due to the limit on the classification level of information that may be discussed.

ADDITIONAL: There is no specific criteria outlined for this type of facility in Part II of the Facility Planning and Design Guide or Air Force Handbook 32-1084, Facility Requirements. A preliminary analysis of reasonable options for accomplishing this project was done. A full economic analysis and requirements document has been accomplished. Base Civil Engineer, Calvin Williams, Lt Col, USAF, (301) 981-7281.
4,447 SM = 47,867 SF

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

1. COMPONENT AIR FORCE	FY 2007 MILITARY CONSTRUCTION PROJECT DATA (computer generated)		2. DATE
3. INSTALLATION AND LOCATION ANDREWS AIR FORCE BASE, MARYLAND		4. PROJECT TITLE STRATEGIC PLANNING AND DEVELOPMENT FACILITY	
5. PROGRAM ELEMENT 41896	6. CATEGORY CODE 610-284	7. PROJECT NUMBER AJXF063008	8. PROJECT COST (\$000) 29,000
12. SUPPLEMENTAL DATA:			
a. Estimated Design Data:			
(1) Status:			
(a) Date Design Started			01-NOV-05
(b) Parametric Cost Estimates used to develop costs			YES
* (c) Percent Complete as of 01 JAN 2006			15%
* (d) Date 35% Designed			06-MAR-06
(e) Date Design Complete			04-SEP-06
(f) Energy Study/Life-Cycle analysis was/will be performed			YES
(2) Basis:			
(a) Standard or Definitive Design -			NO
(b) Where Design Was Most Recently Used -			
(3) Total Cost (c) = (a) + (b) or (d) + (e):			(\$000)
(a) Production of Plans and Specifications			1,740
(b) All Other Design Costs			870
(c) Total			2,610
(d) Contract			2,320
(e) In-house			290
(4) Construction Contract Award			06 SEP
(5) Construction Start			07 MAR
(6) Construction Completion			09 MAR
* Indicates completion of Project Definition with Parametric Cost Estimate which is comparable to traditional 35% design to ensure valid scope, cost and executability.			
b. Equipment associated with this project provided from other appropriations:			
EQUIPMENT NOMENCLATURE	PROCURING APPROPRIATION	FISCAL YEAR APPROPRIATED OR REQUESTED	COST (\$000)
COMMUNICATIONS	3080	2008	2,580
COMPREHENSIVE INTERIOR DESIGN	3400	2009	1,900

1. COMPONENT AIR FORCE		FY 2007 MILITARY CONSTRUCTION PROGRAM					2. DATE			
3. INSTALLATION AND LOCATION NELLIS AIR FORCE BASE, NEVADA			4. COMMAND: AIR COMBAT COMMAND			5. AREA CONST COST INDEX 1.3				
6. Personnel Strength	PERMANENT			STUDENTS			SUPPORTED			TOTAL
	OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV	
	AS OF 30 SEP 04	1053	6415	2709	75	135	2	0	1	
END FY 2009	1103	6322	2696	75	135	2	0	1	263	10,597
7. INVENTORY DATA (\$000)										
a. Total Acreage:										13,921
b. Inventory Total as of : (30 Sep 04)										2,109,983
c. Authorization Not Yet in Inventory:										106,700
d. Authorization Requested in this Program:										53,300
e. Authorization Included in the Following Program: (FY 2008)										11,800
f. Planned in Next Four Years Program:										88,200
g. Remaining Deficiency:										115,000
h. Grand Total:										2,484,983
8. PROJECTS REQUESTED IN THIS PROGRAM: (FY 2007)										
CATEGORY						COST	DESIGN	STATUS		
CODE	PROJECT TITLE				SCOPE	\$,000	START	CMPL		
211-152	Predator Various Facilities (Indian Springs)				1 LS	23,923	Nov-05	Sep-06		
218-712	Predator Various Facilities (Indian Springs)				1 LS	26,000	Nov-05	Sep-06		
9a. Future Projects: Included in the Following Program: (FY2008)										
CATEGORY						COST				
CODE	PROJECT TITLE				SCOPE	\$,000				
731-142	Fire/Crash Rescue Stations (Nellis)				1,720 SM	11,800				
9b. Future Projects: Typical Planned Next Four Years:										
171-212	JTAC Virtual Training Facility (Nellis)				604 SM	4,000				
131-111	Consolidated Communications Fac (Nellis)				7597 SM	33,000				
141-454	Squadron Ops Facility (Nellis)				1,858 SM	7,100				
						TOTAL	44,100			
9c. Real Property Maintenance Backlog This Installation: 105										
10. Mission or Major Functions: Headquarters Air Combat Command; a fighter wing with three F-15 fighter squadrons; an airlift flight; an intelligence group; Aerospace Command and Control Intelligence, Surveillance and Reconnaissance Center (AC2ISRC), Detachment of the USAF Doctrine Center; and the Air Force Rescue Coordination Center.										
11. Outstanding Pollution and Safety (OSHA Deficiencies):										
a. Air pollution					c. Occupational Safety and Health					
b. Water Pollution					d. Other Environmental					

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1. COMPONENT AIR FORCE	FY 2007 MILITARY CONSTRUCTION PROJECT DATA (computer generated)			2. DATE	
3. INSTALLATION AND LOCATION CREECH AIR FORCE BASE, NEVADA		4. PROJECT TITLE PREDATOR VARIOUS FACILITIES			
5. PROGRAM ELEMENT 35219	6. CATEGORY CODE 211-152	7. PROJECT NUMBER LKTC063104R2	8. PROJECT COST (\$000) 23,923		
9. COST ESTIMATES					
ITEM		U/M	QUANTITY	UNIT	COST
PREDATOR VARIOUS FACILITIES					15,835
MAINTENANCE AND LOGISTICS COMPLEX		LS			(4,700)
OPERATIONS FACILITIES		LS			(3,850)
TRAINING FACILITIES		LS			(3,350)
MUNITIONS COMPLEX		LS			(3,250)
ANTITERRORISM/FORCE PROTECTION		LS			(685)
SUPPORTING FACILITIES					5,720
UTILITIES		LS			(1,500)
PAVEMENTS		LS			(1,270)
SITE IMPROVEMENTS		LS			(865)
COMMUNICATION SUPPORT		LS			(885)
INFRASTRUCTURE		LS			(1,200)
SUBTOTAL					21,555
CONTINGENCY (5.0%)					1,078
TOTAL CONTRACT COST					22,633
SUPERVISION, INSPECTION AND OVERHEAD (5.7%)					1,290
TOTAL REQUEST					23,923
TOTAL REQUEST (ROUNDED)					23,923
<p>10. Description of Proposed Construction: Reinforced concrete foundation and floor slab, structural steel frame, standing seam metal roof, fire detection/protection, utilities, site improvements, landscaping, expand utilities systems, roads/parking, airfield pavements/lighting/marking, communication support and all other necessary support. Force protection includes reinforced exterior walls and laminated windows. This project will comply with DoD antiterrorism/force protection requirements per unified facilities criteria.</p> <p>Air Conditioning: 250 Tons</p>					
<p>11. Requirement: LS Adequate: LS Substandard: LS</p> <p>PROJECT: Construct Predator Various Facilities. (New Mission)</p> <p>REQUIREMENT: This project is required to complete the following FY06 Predator projects at Creech AFB: Maintenance and Logistics Complex (LKTC063103); Operations Facilities (LKTC063102); Training Facilities (LKTC063105); Munitions Complex (LKTC063104). These 06 projects are underfunded to meet mission requirements. The 06 underprogramming is the result of cost escalation (labor, materials, and equipment) in the Las Vegas area, an extremely active construction market, the remote location of Creech AFB (40 miles from Las Vegas), and additional mission requirements. Permanent operational and maintenance facilities adequately sized and configured are required to support the beddown of Unmanned Aerial Vehicle/Remotely Piloted Vehicle (UAV/RPV) Medium Altitude Endurance (MAE) MQ1/MQ9 Predators "hunter/killer" aircraft weapon systems programmed for Creech Air Force Base. The Predator aircraft system will launch, land, be remotely</p>					

1. COMPONENT AIR FORCE	FY 2007 MILITARY CONSTRUCTION PROJECT DATA (computer generated)			2. DATE
3. INSTALLATION AND LOCATION CREECH AIR FORCE BASE, NEVADA			4. PROJECT TITLE PREDATOR VARIOUS FACILITIES	
5. PROGRAM ELEMENT 35219	6. CATEGORY CODE 211-152	7. PROJECT NUMBER LKTC063104R2	8. PROJECT COST (\$000) 23,923	
<p>piloted, maintained, and trained at Creech AFB. Total UAV/RPV combat coded force structure for Creech is three operational squadrons of 38 PMAI MQ9, 38 PMAI MQ1, and over 1100 personnel consisting of military/civilian and contractor work force. In addition, Creech also supports UAV/RPV Pilot Training and follow-on testing of new systems and capabilities. The squadron operations/AMU facility is required to support mission planning, flight operations, flightline maintenance functions, mission briefs and debriefs, and administrative functions. The maintenance hangar is required to support direct flightline aircraft maintenance of the MQ1/MQ9 Intelligence Surveillance Reconnaissance (ISR) weapon system. The operational Ground Control Station is required to provide the capability to operate the UAV ISR weapon systems in the AOR from home station. This facility must have redundant communication, power and utility systems to ensure continuous around the clock operations are sustainable.</p> <p>CURRENT SITUATION: Creech does not have adequate facilities to support this new requirement. The Ground Control Station function is operating out of an interim location on Nellis AFB due to security, communications, and power requirements necessary to meet mission requirements. The Squadron Operations/AMU/Hangar supports the combat coded MQ9 squadron.</p> <p>IMPACT IF NOT PROVIDED: Failure to provide facilities to support this mission beddown will critically impact Predator operational capabilities. Adequate facilities will not be available to perform critical AOR operations from home station via reach back capabilities, flying operations and direct flightline maintenance functions, thus impacting combat capabilities. The Air Force's capability to train personnel for this critical mission would be severely impacted and would degrade our ability to support the Global War on Terrorism (GWOT). Ultimately, lack of adequate facilities will reduce our combatant commander's situational awareness via the persistent presence of the Predator ISR weapon system. Additionally, without adequate space, valuable assets will be exposed to the harsh desert environment resulting in early deterioration and increased maintenance requirements. Adequate facilities will not be available to perform critical maintenance and logistics functions. This will force inefficient work-arounds that will degrade mission performance.</p> <p>ADDITIONAL: This project meets the criteria and scope specified in Air Force Handbook 32-1084, "Facility Requirements". A preliminary analysis of reasonable options for accomplishing this project (status quo, renovation, new construction) was done. It indicates there is only one option that will meet operational requirements. Because of this, an economic analysis was not performed. A certificate of exception has been prepared. Base Civil Engineer: Colonel Anthony Foti, (707) 652-4833.</p> <p>JOINT USE CERTIFICATION: Mission requirements, operational considerations, and location are incompatible with use by other components.</p>				

1. COMPONENT AIR FORCE	FY 2007 MILITARY CONSTRUCTION PROJECT DATA (computer generated)		2. DATE
3. INSTALLATION AND LOCATION CREECH AIR FORCE BASE, NEVADA		4. PROJECT TITLE PREDATOR VARIOUS FACILITIES	
5. PROGRAM ELEMENT 35219	6. CATEGORY CODE 211-152	7. PROJECT NUMBER LKTC063104R2	8. PROJECT COST (\$000) 23,923
12. SUPPLEMENTAL DATA:			
a. Estimated Design Data:			
(1) Status:			
(a) Date Design Started			01-NOV-05
(b) Parametric Cost Estimates used to develop costs			YES
* (c) Percent Complete as of 01 JAN 2006			15%
* (d) Date 35% Designed			01-MAY-06
(e) Date Design Complete			01-SEP-06
(f) Energy Study/Life-Cycle analysis was/will be performed			YES
(2) Basis:			
(a) Standard or Definitive Design -			NO
(b) Where Design Was Most Recently Used -			
(3) Total Cost (c) = (a) + (b) or (d) + (e):			(\$000)
(a) Production of Plans and Specifications			1,435
(b) All Other Design Costs			718
(c) Total			2,153
(d) Contract			1,914
(e) In-house			239
(4) Construction Contract Award			07 FEB
(5) Construction Start			07 MAR
(6) Construction Completion			09 MAR
* Indicates completion of Project Definition with Parametric Cost Estimate which is comparable to traditional 35% design to ensure valid scope, cost and executability.			
b. Equipment associated with this project provided from other appropriations: N/A			

1. COMPONENT AIR FORCE	FY 2007 MILITARY CONSTRUCTION PROJECT DATA (computer generated)			2. DATE	
3. INSTALLATION AND LOCATION CREECH AIR FORCE BASE, NEVADA		4. PROJECT TITLE PREDATOR VARIOUS FACILITIES			
5. PROGRAM ELEMENT 35219	6. CATEGORY CODE 218-712	7. PROJECT NUMBER LKTC063103R2	8. PROJECT COST (\$000) 26,000		
9. COST ESTIMATES					
ITEM		U/M	QUANTITY	UNIT	COST
PREDATOR VARIOUS FACILITIES					18,014
MAINTENANCE BACKSHOPS		LS			(2,882)
AIRCRAFT GROUND EQUIPMENT (AGE) SHOP		LS			(6,034)
TEST GROUND CONTROL STATION ADDITION		LS			(1,674)
INFRASTRUCTURE		LS			(6,916)
ANTITERRORISM/FORCE PROTECTION		LS			(508)
SUPPORTING FACILITIES					5,295
UTILITIES		LS			(875)
PAVEMENTS		LS			(1,200)
SITE IMPROVEMENTS		LS			(920)
COMMUNICATION SUPPORT		LS			(1,000)
BACK-UP GENERATORS/SWITCH GEAR/BRIDGE CRANE		LS			(1,300)
SUBTOTAL					23,309
CONTINGENCY (5.0%)					1,165
TOTAL CONTRACT COST					24,474
SUPERVISION, INSPECTION AND OVERHEAD (5.7%)					1,395
TOTAL REQUEST					25,869
TOTAL REQUEST (ROUNDED)					26,000
10. Description of Proposed Construction: Reinforced concrete foundations and floor slabs, masonry walls with structural steel frame, metal roof systems, fire protection/detection, utilities, site improvements, communications support, pavements, landscaping and all other necessary support. Force protection includes reinforced exterior walls and laminated windows. This project will comply with DoD antiterrorism/force protection requirements per unified facilities criteria					
Air Conditioning: 150 Tons					
11. Requirement: LS Adequate: LS Substandard: LS					
PROJECT: Construct Predator Various Facilities. (New Mission)					
REQUIREMENT: The Predator aircraft system will launch, land, be remotely piloted, maintained, and trained at Creech AFB. This project supports the AF objective of a real-time "hunter/killer" capability by ensuring adequate facilities are available to support Predator operations and maintenance activities. Acquisition of MQ1/MQ9 Predator aircraft was accelerated and the numbers increased to combat the Global War on Terrorism. Permanent facilities adequately sized and configured for multiple maintenance and operations functions are required to support the beddown of three combat coded, test and training squadrons at Creech AFB.					
CURRENT SITUATION: There are no adequate facilities at Creech that can be reconfigured to support the operations, maintenance and logistics requirements associated with this new weapons system. These functions will be located, on an interim basis, in leased modular units and existing Predator MQ1 maintenance and logistics facilities that will					

1. COMPONENT AIR FORCE	FY 2007 MILITARY CONSTRUCTION PROJECT DATA (computer generated)		2. DATE
3. INSTALLATION AND LOCATION CREECH AIR FORCE BASE, NEVADA		4. PROJECT TITLE PREDATOR VARIOUS FACILITIES	
5. PROGRAM ELEMENT 35219	6. CATEGORY CODE 218-712	7. PROJECT NUMBER LKTC063103R2	8. PROJECT COST (\$000) 26,000
<p>be redesignated for Predator pilot, maintenance training, and follow-on test functions upon the completion of this project.</p> <p>IMPACT IF NOT PROVIDED: Failure to provide facilities to support this mission beddown will critically impact Predator operational capabilities. Adequate facilities will not be available to perform critical AOR operations from home station via reach back capabilities, flying operations and direct flightline maintenance functions, thus impacting combat capabilities. The Air Force's capability to train personnel for this critical mission would be severely impacted and would degrade our ability to support the Global War on Terrorism (GWOT). Ultimately, lack of adequate facilities will reduce our combatant commander's situational awareness via the persistent presence of the Predator ISR weapon system. Additionally, without adequate space, valuable assets will be exposed to the harsh desert environment resulting in early deterioration and increased maintenance requirements. Adequate facilities will not be available to perform critical maintenance and logistics functions. This will force inefficient work-arounds that will degrade mission performance.</p> <p>ADDITIONAL: This project meets the criteria and scope specified in Air Force Handbook 32-1084, "Facility Requirements". A preliminary analysis of reasonable options for accomplishing this project (status quo, renovation, new construction) was done. It indicates there is only one option that will meet operational requirements. Because of this, an economic analysis was not performed. A certificate of exception has been prepared. Base Civil Engineer: Colonel Anthony Foti, (707) 652-4833.</p> <p>JOINT USE CERTIFICATION: Mission requirements, operational considerations, and location are incompatible with use by other components.</p>			

1. COMPONENT AIR FORCE	FY 2007 MILITARY CONSTRUCTION PROJECT DATA (computer generated)		2. DATE
3. INSTALLATION AND LOCATION CREECH AIR FORCE BASE, NEVADA		4. PROJECT TITLE PREDATOR VARIOUS FACILITIES	
5. PROGRAM ELEMENT 35219	6. CATEGORY CODE 218-712	7. PROJECT NUMBER LKTC063103R2	8. PROJECT COST (\$000) 26,000
12. SUPPLEMENTAL DATA:			
a. Estimated Design Data:			
(1) Status:			
(a) Date Design Started			01-NOV-05
(b) Parametric Cost Estimates used to develop costs			YES
* (c) Percent Complete as of 01 JAN 2006			15%
* (d) Date 35% Designed			01-MAR-06
(e) Date Design Complete			01-SEP-06
(f) Energy Study/Life-Cycle analysis was/will be performed			NO
(2) Basis:			
(a) Standard or Definitive Design -			NO
(b) Where Design Was Most Recently Used -			
(3) Total Cost (c) = (a) + (b) or (d) + (e):			(\$000)
(a) Production of Plans and Specifications			1,560
(b) All Other Design Costs			780
(c) Total			2,340
(d) Contract			2,080
(e) In-house			260
(4) Construction Contract Award			07 FEB
(5) Construction Start			07 MAR
(6) Construction Completion			09 MAR
* Indicates completion of Project Definition with Parametric Cost Estimate which is comparable to traditional 35% design to ensure valid scope, cost and executability.			
b. Equipment associated with this project provided from other appropriations: N/A			

1. COMPONENT AIR FORCE			FY 2007 MILITARY CONSTRUCTION PROGRAM				2. DATE			
3. INSTALLATION AND LOCATION MCGUIRE AIR FORCE BASE NEW JERSEY			4. COMMAND: AIR MOBILITY COMMAND			5. AREA CONST COST INDEX 1.18				
6. Personnel	PERMANENT			STUDENTS			SUPPORTED			TOTAL
Strength	OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV	
AS OF 30 SEP 05	626	4210	1764	450	2909	0	660	3157	296	14,072
END FY 2010	630	4195	1782	439	2819	0	660	3161	296	13,982
7. INVENTORY DATA (\$000)										
Total Acreage: 3,661										
Inventory Total as of : (30 Sep 05) 2,746,953										
Authorization Not Yet in Inventory: 55,001										
Authorization Requested in this Program: 15,500										
Authorization Included in the Following Program: (FY 2008) 10,200										
Planned in Next Three Years Program: 26,000										
Remaining Deficiency: 181,750										
Grand Total: 3,035,404										
8. PROJECTS REQUESTED IN THIS PROGRAM: (FY 2007)										
CATEGORY COST DESIGN STATUS										
<u>CODE</u> <u>PROJECT TITLE</u> <u>SCOPE</u> <u>\$,000</u> <u>START</u> <u>CMPL</u>										
111-111 C-17 NE Landing Zone 45,764 SM 15,500 Jun-05 Sep-06										
TOTAL 15,500										
9a. Future Projects: Included in the Following Program: (FY2008)										
NCO PME Center 4,000 SM 10,200										
TOTAL 10,200										
9b. Future Projects: Typical Planned Next Three Years:										
422-264 Munitions Storage Area 1,932 SM 10,000										
730-835 Unified Security Forces Operations Fac 3,520 SM 16,000										
TOTAL 26,000										
9c. Real Property Maintenance Backlog This Installation (\$M) 165										
10. Mission or Major Functions: Team McGuire consists of the Air Mobility Warfare Center, 21st Expeditionary Mobility Task Force, 305th Air Mobility Wing, 514th Air Mobility Wing (Air Force Reserve Command), 108th Air Refueling Wing (New Jersey Air Natio										
11. Outstanding pollution and Safety (OSHA Deficiencies):										
a. Air pollution 0										
b. Water Pollution 0										
c. Occupational Safety and Health 0										
d. Other Environmental 0										

1. COMPONENT AIR FORCE	FY 2007 MILITARY CONSTRUCTION PROJECT DATA (computer generated)			2. DATE	
3. INSTALLATION AND LOCATION MCGUIRE AIR FORCE BASE, NEW JERSEY		4. PROJECT TITLE C-17 NE LANDING ZONE			
5. PROGRAM ELEMENT 41130	6. CATEGORY CODE 111-111	7. PROJECT NUMBER PTFL033011A	8. PROJECT COST (\$000) 15,500		
9. COST ESTIMATES					
ITEM		U/M	QUANTITY	UNIT	COST
C-17 NE LANDING ZONE					14,046
LANDING ZONE		SM	29,264	320	(9,376)
AIRFIELD LIGHTING AND MARKERS		LS			(1,155)
REPAIR RUNWAY		SM	8,400	188	(1,579)
CONSTRUCT CONNECTING TAXIWAY		SM	3,500	185	(648)
CONSTRUCT PCC TURNAROUND		SM	4,600	280	(1,288)
SUPPORTING FACILITIES					0
SUBTOTAL					14,046
CONTINGENCY (5.0%)					702
TOTAL CONTRACT COST					14,748
SUPERVISION, INSPECTION AND OVERHEAD (5.7%)					841
TOTAL REQUEST					15,589
TOTAL REQUEST (ROUNDED)					15,500
EQUIPMENT FROM OTHER APPROPRIATIONS (NON-ADD)					(2,500.0)
10. Description of Proposed Construction: Construct a C-17 Northeast (NE) Landing Zone (LZ) at Lakehurst NAES, NJ. Construction includes: New LZ (3500'X90' LZ w/500' concrete touchdowns and 300' overruns) parallel to and 100 yards from RW 06/24, add airfield marking patterns and lights, repair a portion of RW 15/33, new taxiway at 24 End of LZ to connect to existing runway, and upgrade 24 end of existing runway with concrete turnaround (300'X165').					
11. Requirement: 45764 SM Adequate: 0 SM Substandard: 13000 SM PROJECT: C-17 Northeast Landing Zone (LZ). (New Mission) REQUIREMENT: An LZ is required to conduct aircrew training for contingency operations to support East Coast C-17/C-130 Units, Air Mobility Warfare Center, and the USAF Weapons Instructor Course Flight Operations. Provide aircrews with realistic training in conducting operations in an airfield environment similar to that at forward operating locations. Aircrews are required to participate in eight training events and one evaluation on an actual LZ every year. The runway is required to be used under VFR conditions. The LZ must have a runway length of 3,500 feet long by 90 feet wide with paved shoulders. Additionally, pavements are required for executing turnarounds (165'x300' IAW Engineering Technical Letter (ETL) 04-7). CURRENT SITUATION: Currently the base does not have an C-17 LZ, there is a secondary runway but it does not meet the C-17 runway requirements. Although some proficiency training can be performed on the larger runway, training events and evaluation must be accomplished on an actual LZ. Standard evaluations and the eight required training events cannot be accomplished effectively at the only existing C-17/C-130 capable East Coast LZ in South Carolina because it cannot accommodate additional capacity and its location requires excessive flight time required for users to reach from the northeastern installations. IMPACT IF NOT PROVIDED: Evaluations and required training events will need to be					

1. COMPONENT AIR FORCE	FY 2007 MILITARY CONSTRUCTION PROJECT DATA (computer generated)		2. DATE
3. INSTALLATION AND LOCATION MCGUIRE AIR FORCE BASE, NEW JERSEY		4. PROJECT TITLE C-17 NE LANDING ZONE	
5. PROGRAM ELEMENT 41130	6. CATEGORY CODE 111-111	7. PROJECT NUMBER PTFL033011A	8. PROJECT COST (\$000) 15,500
<p>accomplished at another base that currently cannot accommodate additional capacity and will result in excessive en-route flight time required for users. It is not possible for C-17 aircrews to maintain proficiency in short-field takeoffs and landings, without incurring additional TDY costs and additional aircrew/airframe flying hours.</p> <p>ADDITIONAL: This project includes \$1.65M in FY06 for environmental studies for Noise, Air Quality, AICUZ, Pinelands, Wetlands and clear zone and \$850K in FY07 for a Crash/Fire/Rescue vehicle; it is listed as "Equipment from Other Sources". There is no criteria/scope for this project in Part II of Military Handbook 1190, "Facility Planning and Design Guide"; however, the design for the LZ parameters are according to Engineering Technical Letter 04-7. The Navy requires the clear zones and primary surfaces follow NAVFAC P-80.3. A preliminary analysis of reasonable options for accomplishing this project (status quo, renovation, upgrade/removal, new construction, leasing) was done. It indicates there is only one option that will meet operational requirements. Because of this, a full economic analysis was not performed. A certificate of exception has been prepared. Base Civil Engineer: Lt Col Brian A. Ouellette, (609) 754-2642. Landing Zone 29,264 SM = 314,881 SF, Repair Runway 8,400 SM = 90384 SF, Taxiway 3,500 SM = 37660 SF, Turnaround 4,600 SM = 49,496 SF.</p> <p>JOINT USE CERTIFICATION: This facility is programmed for joint use with the US Navy; however, it is fully funded by the Air Force.</p>			

1. COMPONENT AIR FORCE	FY 2007 MILITARY CONSTRUCTION PROJECT DATA (computer generated)		2. DATE
3. INSTALLATION AND LOCATION MCGUIRE AIR FORCE BASE, NEW JERSEY		4. PROJECT TITLE C-17 NE LANDING ZONE	
5. PROGRAM ELEMENT 41130	6. CATEGORY CODE 111-111	7. PROJECT NUMBER PTFL033011A	8. PROJECT COST (\$000) 15,500
12. SUPPLEMENTAL DATA:			
a. Estimated Design Data:			
(1) Status:			
(a) Date Design Started			01-JUN-05
(b) Parametric Cost Estimates used to develop costs			YES
* (c) Percent Complete as of 01 JAN 2006			35%
* (d) Date 35% Designed			30-SEP-05
(e) Date Design Complete			30-SEP-06
(f) Energy Study/Life-Cycle analysis was/will be performed			YES
(2) Basis:			
(a) Standard or Definitive Design -			NO
(b) Where Design Was Most Recently Used -			
(3) Total Cost (c) = (a) + (b) or (d) + (e):			(\$000)
(a) Production of Plans and Specifications			930
(b) All Other Design Costs			465
(c) Total			1,395
(d) Contract			1,240
(e) In-house			155
(4) Construction Contract Award			07 JAN
(5) Construction Start			07 FEB
(6) Construction Completion			08 AUG
* Indicates completion of Project Definition with Parametric Cost Estimate which is comparable to traditional 35% design to ensure valid scope, cost and executability.			
b. Equipment associated with this project provided from other appropriations:			
EQUIPMENT NOMENCLATURE	PROCURING APPROPRIATION	FISCAL YEAR APPROPRIATED OR REQUESTED	COST (\$000)
ENVIRONMENTAL STUDIES	3400	2006	1,650
CRASH FIRE RESCUE VEHICLE	3080	2007	850

1. COMPONENT AIR FORCE		FY 2007 MILITARY CONSTRUCTION PROGRAM						2. DATE			
3. INSTALLATION AND LOCATION ALTUS AIR FORCE BASE OKLAHOMA				4. COMMAND: AIR EDUCATION AND TRAINING COMMAND			5. AREA CONST COST INDEX 0.97				
6. Personnel		PERMANENT			STUDENTS			SUPPORTED			
Strength		OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV	TOTAL
AS OF 30 SEP 05		288	1321	1244	296	253	0	14	17	20	3,453
END FY 2010		289	1320	1277	290	135	0	15	17	20	3,363
7. INVENTORY DATA (\$000)											
a. Total Acreage: 7,951											
b. Inventory Total as of : (30 Sep 05)											1,174,309
c. Authorization Not Yet in Inventory:											32,006
d. Authorization Requested in this Program: (FY 2007)											1,500
e. Authorization Included in the Following Program: (FY 2008)											0
f. Planned in Next Three Years Program:											31,300
g. Remaining Deficiency:											40,300
h. Grand Total:											1,290,822
8. PROJECTS REQUESTED IN THIS PROGRAM: (FY 2007)											
CATEGORY							COST	DESIGN	STATUS		
CODE	PROJECT TITLE	SCOPE		\$,000	START	CMPL					
851-147	DAR - Repair McQueen Road	12,878	LM	1,500	Jun-05	Sep-06					
Total				1,500							
9a. Future Projects: Included in the Following Program: (FY2008)											
NONE											
9b. Future Projects: Typical Planned Next Three Years:											
219-944	BCE Complex Phase 3	2,309	SM	4,000							
724-417	Visitor's Quarters, Ph1	6,851	SM	18,400							
134-375	Const Consol DASR/OSS	4,400	SM	8,900							
Total				31,300							
9c. Real Property Maintenance Backlog This Installation (\$M)											121
10. An air mobility wing with one C-5 squadron, one C-17squadron, and one KC-135 air refueling squadron -- responsible for training all C-5, C-17, and KC-135 aircrews in the Air Force.											
11. Outstanding pollution and Safety (OSHA) Deficiencies:											
a. Air pollution											0
b. Water Pollution											0
c. Occupational Safety and Health											0
d. Other Environmental											0

1. COMPONENT AIR FORCE	FY 2007 MILITARY CONSTRUCTION PROJECT DATA (computer generated)			2. DATE	
3. INSTALLATION AND LOCATION ALTUS AIR FORCE BASE, OKLAHOMA		4. PROJECT TITLE DAR - REPAIR MCQUEEN ROAD			
5. PROGRAM ELEMENT 85796	6. CATEGORY CODE 851-147	7. PROJECT NUMBER AGGN023002	8. PROJECT COST (\$000) 1,500		
9. COST ESTIMATES					
ITEM		U/M	QUANTITY	UNIT	COST
DAR -REPAIR MCQUEEN ROAD					1,172
RECONSTRUCT ROAD		LM	12,878	91	(1,172)
SUPPORTING FACILITIES					180
SITE IMPROVEMENTS		LS			(180)
SUBTOTAL					1,352
CONTINGENCY (5.0%)					68
TOTAL CONTRACT COST					1,419
SUPERVISION, INSPECTION AND OVERHEAD (5.7%)					81
TOTAL REQUEST					1,500
TOTAL REQUEST (ROUNDED)					1,500
10. Description of Proposed Construction: Reconstruct approximately eight miles of county road to provide adequate base, drainage and surface. Remove existing surface and base course. Stabilize subgrade, install base course and asphalt. Remove and repair all +60 year old concrete culverts and headwalls.					
Air Conditioning: 0 Tons					
11. Requirement: 12878 LM Adequate: 0 LM Substandard: 12878 LM					
PROJECT: Reconstruct the county roads leading to the Sooner Drop Zone.					
REQUIREMENT: Sooner drop zone is a vital training area. Road reconstruction is required to accommodate increased military training and subsequent military traffic.					
CURRENT SITUATION: The eight miles of road that connects U.S. Highway 62 to the Sooner Drop Zone is over 60 years old. The first two miles of the road is still largely intact, but exhibits significant areas of distress along most of its length. The main distress is alligator cracking and rutting. After two miles, the road surface deteriorates rapidly. Almost all of the asphalt surface disappears, though sections of it still remain. The rest of the surface becomes gravel or a gravel dirt mix, not too bad a surface during dry times, but somewhere between poor and treacherous when the weather is rainy and for a significant time after a rain. The drop zone is to be expanded to the south causing the last two miles to the drop zone to be changed. This project is a Defense Access Road (DAR) project and is authorized by 23 U.S.C. 210, Defense Access Roads, and implemented by Army Regulation 55-80, Highways for Nationals Defense.					
IMPACT IF NOT PROVIDED: This road to the Sooner Drop Zone is vital to the Altus Air Force mission. This drop zone supports combat training for C-17. The advent of dual row airdrop training has caused cargo to land out of the area, necessitating additional land acquisition. The C-17 mission is projected to increase from 11 aircraft to 15 by 2008. The increase in missions increases the number of trips to the drop zone area to retrieve cargo, causing more use of the road during all types of weather.					
ADDITIONAL: A preliminary analysis of reasonable options for accomplishing this project (status quo, renovation, new construction) indicates that renovation will meet operational requirements. Because of this a full economic analysis was not performed.					

1. COMPONENT AIR FORCE	FY 2007 MILITARY CONSTRUCTION PROJECT DATA (computer generated)		2. DATE
3. INSTALLATION AND LOCATION ALTUS AIR FORCE BASE, OKLAHOMA		4. PROJECT TITLE DAR - REPAIR MCQUEEN ROAD	
5. PROGRAM ELEMENT 85796	6. CATEGORY CODE 851-147	7. PROJECT NUMBER AGGN023002	8. PROJECT COST (\$000) 1,500
<p>A certificate of exemption has been prepared. Base Civil Engineer: Lt Col Karl L. Freerks (580) 481-5138. 12,878 LM = 42,225 LF.</p> <p>JOINT USE CERTIFICATION: This facility can be used by other components on an "as available" basis, however, the scope of the project is based on Air Force requirements.</p>			

1. COMPONENT AIR FORCE	FY 2007 MILITARY CONSTRUCTION PROJECT DATA (computer generated)		2. DATE
3. INSTALLATION AND LOCATION ALTUS AIR FORCE BASE, OKLAHOMA		4. PROJECT TITLE DAR - REPAIR MCQUEEN ROAD	
5. PROGRAM ELEMENT 85796	6. CATEGORY CODE 851-147	7. PROJECT NUMBER AGGN023002	8. PROJECT COST (\$000) 1,500
12. SUPPLEMENTAL DATA:			
a. Estimated Design Data:			
(1) Status:			
(a) Date Design Started			01-JUN-05
(b) Parametric Cost Estimates used to develop costs			YES
* (c) Percent Complete as of 01 JAN 2006			15%
* (d) Date 35% Designed			30-SEP-05
(e) Date Design Complete			01-SEP-06
(f) Energy Study/Life-Cycle analysis was/will be performed			NO
(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			90
(b) All Other Design Costs			45
(c) Total			135
(d) Contract			112
(e) In-house			23
(4) Construction Contract Award			07 JAN
(5) Construction Start			07 MAR
(6) Construction Completion			08 JUN
* Indicates completion of Project Definition with Parametric Cost Estimate which is comparable to traditional 35% design to ensure valid scope, cost and executability.			
b. Equipment associated with this project provided from other appropriations: N/A			

1. COMPONENT AIR FORCE		FY 2007 MILITARY CONSTRUCTION PROGRAM					2. DATE				
3. INSTALLATION AND LOCATION SHAW AIR FORCE BASE, SOUTH CAROLINA				4. COMMAND: AIR COMBAT COMMAND			5. AREA CONST COST INDEX 0.83				
6. Personnel		PERMANENT			STUDENTS			SUPPORTED			TOTAL
Strength		OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV	
AS OF 30 SEP 04		721	4914	1032	0	42	0	2	1	81	6,793
END FY 2009		691	4786	988	0	42	0	2	1	81	6,591
7. INVENTORY DATA (\$000)											
a. Total Acreage:		3,427									
b. Inventory Total as of : (30 Sep 04)											1,266,025
c. Authorization Not Yet in Inventory:											23,000
d. Authorization Requested in this Program:											22,058
e. Authorization Included in the Following Program: (FY 2008)											15,600
f. Planned in Next Four Years Program:											42,543
g. Remaining Deficiency:											53,200
h. Grand Total:											1,422,426
8. PROJECTS REQUESTED IN THIS PROGRAM: (FY 2007)											
CATEGORY				SCOPE				COST		DESIGN	STATUS
<u>CODE</u>		<u>PROJECT TITLE</u>				<u>SCOPE</u>		<u>\$,000</u>	<u>START</u>	<u>CMPL</u>	
721-312		Dormitory (144 RM)				4,752 SM		16,000	May-05	Sep-06	
218-712		Aerospace Ground Equipment Shop/Stor:				3319 SM		6,200	Sep-05	Sep-06	
9a. Future Projects: Included in the Following Program: (FY2008)											
721-312		Replace Dormitory (144 RM)				4,752 SM		15,600			
9b. Future Projects: Typical Planned Next Four Years:											
740-674		Fitness Center				12,199 SM		24,000			
113-321		Air Defense Alert Airfield Pavements				30,492 SM		8,243			
141-454		Add/Alter Air Component Headquarters				4,634 SM		10,300			
9c. Real Property Maintenance Backlog This Installation: 63											
10. Mission or Major Functions: Headquarters 9th Air Force; and the 20th Fighter Wing operating F-16 aircraft.											
11. Outstanding Pollution and Safety (OSHA Deficiencies):											
a. Air pollution											
b. Water Pollution											
c. Occupational Safety and Health											
d. Other Environmental											

1. COMPONENT AIR FORCE	FY 2007 MILITARY CONSTRUCTION PROJECT DATA (computer generated)			2. DATE	
3. INSTALLATION AND LOCATION SHAW AIR FORCE BASE, SOUTH CAROLINA			4. PROJECT TITLE DORMITORY (144 RM)		
5. PROGRAM ELEMENT 27596	6. CATEGORY CODE 721-312	7. PROJECT NUMBER VLSB083006	8. PROJECT COST (\$000) 16,000		
9. COST ESTIMATES					
ITEM		U/M	QUANTITY	UNIT	COST
DORMITORY					9,661
DORMITORY (144 RM)		SM	4,752	2,000	(9,504)
ANTITERRORISM/FORCE PROTECTION		SM	4,752	33	(157)
SUPPORTING FACILITIES					4,655
UTILITIES		LS			(1,157)
PAVEMENTS		LS			(550)
SITE IMPROVEMENTS		LS			(708)
DEMOLITION/ASBESTOS ABATEMENT		SM	4,689	210	(985)
COMMUNICATIONS SUPPORT		LS			(132)
ASBESTOS ABATEMENT		LS			(850)
SPECIAL FOUNDATION (SEISMIC/WIND)		LS			(273)
SUBTOTAL					14,316
CONTINGENCY (5.0%)					716
TOTAL CONTRACT COST					15,031
SUPERVISION, INSPECTION AND OVERHEAD (5.7%)					857
TOTAL REQUEST					15,888
TOTAL REQUEST (ROUNDED)					16,000
EQUIPMENT FROM OTHER APPROPRIATIONS (NON-ADD)					(729.0)
10. Description of Proposed Construction: Reinforced concrete foundation and floor slabs, brick masonry walls, standing seam metal roof, fire detection/protection, special foundations for seismic requirements, utilities, pavements, site preparation, parking, access road, communication support, demolition of two facilities (4,689 SM), asbestos abatement, and all other necessary support. Force protection will comply with DOD standards, to include reinforced exterior and fully laminated windows. Air Conditioning: 300 Tons Grade Mix: E1-E4 144					
11. Requirement: 788 RM Adequate: 0 RM Substandard: 1110 RM PROJECT: Construct Dormitory (144 RM). (Current Mission) REQUIREMENT: A major Air Force objective is to provide unaccompanied enlisted personnel with housing conducive to their proper rest, relaxation, and personal well-being. Properly designed and furnished quarters providing individual privacy are essential to successful accomplishment of the increasingly complicated and important jobs these Airmen must perform. CURRENT SITUATION: The Air Force Dormitory Master Plan established the need for a replacement dormitory. Facility condition assessments determined Shaw's dormitories are degraded and require replacement. These dormitories were built in the 1950s and are inadequate in size and function by current standards. The dormitories being replaced are plagued with inadequate heating and air conditioning systems; poor drainage of condensate lines causes mold and mildew; antiquated system components make it difficult and expensive to locate repair parts; individual rooms lack the ability to control					

1. COMPONENT AIR FORCE	FY 2007 MILITARY CONSTRUCTION PROJECT DATA (computer generated)			2. DATE
3. INSTALLATION AND LOCATION SHAW AIR FORCE BASE, SOUTH CAROLINA			4. PROJECT TITLE DORMITORY (144 RM)	
5. PROGRAM ELEMENT 27596	6. CATEGORY CODE 721-312	7. PROJECT NUMBER VLSB083006	8. PROJECT COST (\$000) 16,000	
<p>temperature; plumbing problems exist with shower pans and clogged drains due to corrosion; there is insufficient exterior lighting; ongoing fire alarm problems; and laundry facilities are inadequate due to ratio of residents per number washer/dryers available.</p> <p>IMPACT IF NOT PROVIDED: Adequate living quarters at a level of privacy required for today's Airman will not be available, resulting in degradation of morale, productivity, and career satisfaction for unaccompanied enlisted personnel. The existing facility will continue to deteriorate resulting in increased maintenance costs and a decreased quality of life for occupants.</p> <p>ADDITIONAL: This project meets the scope/criteria specified in Air Force Handbook 32-1084, "Facility Requirements" and the Air Force Dormitory Design Guide. Primary facility unit costs are based on parametric cost estimates referencing historical data on like projects recently awarded in similar construction markets. A preliminary analysis for accomplishing this project was conducted and it indicates there is only one option that will meet requirements. Because of this, a full economic analysis was not performed. A certificate of exception has been prepared. Unaccompanied Housing RPM conducted: FY04 - 2,725.0K (Act) ; FY05 - \$2,806.0K (Act) ; FY06 - \$1,647.0K (Est) ; FY07 - \$831.0K (Est) ; FY08: \$350.0K (Est). Base Civil Engineer: Lt Col Mark Bednar, (803)895-9562. (Dormitory: 4,831 SM = 51,982 SF).</p> <p>JOINT USE CERTIFICATION: This facility can be used by other components on an as available basis; however, the scope of the project is based on Air Force requirements.</p>				

1. COMPONENT AIR FORCE	FY 2007 MILITARY CONSTRUCTION PROJECT DATA (computer generated)		2. DATE
3. INSTALLATION AND LOCATION SHAW AIR FORCE BASE, SOUTH CAROLINA		4. PROJECT TITLE DORMITORY (144 RM)	
5. PROGRAM ELEMENT 27596	6. CATEGORY CODE 721-312	7. PROJECT NUMBER VLSB083006	8. PROJECT COST (\$000) 16,000
12. SUPPLEMENTAL DATA:			
a. Estimated Design Data:			
(1) Status:			
(a) Date Design Started			02-MAY-05
(b) Parametric Cost Estimates used to develop costs			YES
* (c) Percent Complete as of 01 JAN 2006			15%
* (d) Date 35% Designed			02-AUG-05
(e) Date Design Complete			15-SEP-06
(f) Energy Study/Life-Cycle analysis was/will be performed			YES
(2) Basis:			
(a) Standard or Definitive Design -			NO
(b) Where Design Was Most Recently Used -			
(3) Total Cost (c) = (a) + (b) or (d) + (e):			(\$000)
(a) Production of Plans and Specifications			960
(b) All Other Design Costs			480
(c) Total			1,440
(d) Contract			1,200
(e) In-house			240
(4) Construction Contract Award			07 JAN
(5) Construction Start			07 FEB
(6) Construction Completion			08 DEC
* Indicates completion of Project Definition with Parametric Cost Estimate which is comparable to traditional 35% design to ensure valid scope, cost and executability.			
b. Equipment associated with this project provided from other appropriations:			
EQUIPMENT NOMENCLATURE	PROCURING APPROPRIATION	FISCAL YEAR APPROPRIATED OR REQUESTED	COST (\$000)
EQUIPMENT AND FURNITURE	3400	2007	720
COMMUNICATIONS CUTOVER	3400	2007	2
OTHER COMMUNICATIONS EQUIPMENT	3400	2207	7

1. COMPONENT AIR FORCE	FY 2007 MILITARY CONSTRUCTION PROJECT DATA (computer generated)			2. DATE	
3. INSTALLATION AND LOCATION SHAW AIR FORCE BASE, SOUTH CAROLINA		4. PROJECT TITLE AEROSPACE GROUND EQUIPMENT SHOP/STORAGE			
5. PROGRAM ELEMENT 27596	6. CATEGORY CODE 218-712	7. PROJECT NUMBER VLSB083001	8. PROJECT COST (\$000) 6,200		
9. COST ESTIMATES					
ITEM		U/M	QUANTITY	UNIT	COST
AEROSPACE GROUND EQUIPMENT SHOP/STORAGE					4,948
AEROSPACE GROUND EQUIPMENT SHOP/STORAGE		SM	3,319	1,484	(4,925)
ANTITERRORISM/FORCE PROTECTION		SM	3,319	7	(23)
SUPPORTING FACILITIES					562
UTILITIES		LS			(83)
PAVEMENTS		LS			(154)
SITE IMPROVEMENTS		LS			(5)
DEMOLITION		SM	1,265	154	(195)
COMMUNICATIONS SUPPORT		LS			(21)
SPECIAL FOUNDATION (SEISMIC/WIND)		LS			(105)
SUBTOTAL					5,511
CONTINGENCY (5.0%)					276
TOTAL CONTRACT COST					5,786
SUPERVISION, INSPECTION AND OVERHEAD (5.7%)					330
TOTAL REQUEST					6,116
TOTAL REQUEST (ROUNDED)					6,200
EQUIPMENT FROM OTHER APPROPRIATIONS (NON-ADD)					(509.0)
10. Description of Proposed Construction: Reinforced concrete foundation, concrete slab, structural steel frame, standing seam metal roof, split-face block, utilities, site improvements, landscaping, pavements, parking, fire detection/protection, communications support, demolition of two facilities (1,265 SM) and all other necessary support. Facility will comply with DOD standards for force protection. Air Conditioning: 65 Tons					
11. Requirement: 7026 SM Adequate: 2132 SM Substandard: 1265 SM PROJECT: Construct Aerospace Ground Equipment (AGE) Shop/Storage Facility. (Current Mission) REQUIREMENT: A facility is required to consolidate mission essential tasks of maintenance and repair of powered and non-powered aerospace ground equipment (AGE), to include shop space, covered storage and open storage. The shop space must contain the necessary features for repair and maintenance of AGE, including space for maintenance stalls with work benches, bench stock storage, battery servicing area, exhaust evacuation system, overhead hoist, indoor wash rack, jack test area, and compressed air system. The width of the maintenance bay must allow for a drive-through traffic lane and include overhead roll-up doors at the end of each maintenance bay. CURRENT SITUATION: The 20 EMS AGE Production is working in two substandard buildings which are too small to accommodate work on all of the different types of assigned equipment. One of the facilities does not have 440-volt outlets or an overhead hoist. Neither building provides an indoor wash rack or adequate battery storage. The existing outdoor wash rack is small and poorly located. Space is inadequate for storage of tool					

1. COMPONENT AIR FORCE	FY 2007 MILITARY CONSTRUCTION PROJECT DATA (computer generated)		2. DATE
3. INSTALLATION AND LOCATION SHAW AIR FORCE BASE, SOUTH CAROLINA		4. PROJECT TITLE AEROSPACE GROUND EQUIPMENT SHOP/STORAGE	
5. PROGRAM ELEMENT 27596	6. CATEGORY CODE 218-712	7. PROJECT NUMBER VLSB083001	8. PROJECT COST (\$000) 6,200
<p>kits, floor hoists, jacks, work benches and other items of shop equipment. Because of the serious shortage of shop space, many mechanics must work outside, often subject to inclement or extremely uncomfortable weather conditions. Working outside also involves moving various types of mechanical equipment in and out of the shop daily, and making trips back and forth for special tools and bench stock. There is limited covered storage available. Administrative space is also inadequate and overcrowded for the NCOIC office, the powered and non-powered AGE work centers, flight office, mobility and training office, scheduling office with computer remote, and training/break room. There is also no office or area available for personnel counseling.</p> <p>IMPACT IF NOT PROVIDED: Work will continue to be scheduled and performed outside in substandard working conditions. This increases maintenance and repair time, degrades the overall production schedule and lowers the morale of the shop, resulting in a negative impact to the wing flying mission.</p> <p>ADDITIONAL: This project meets the criteria/scope specified in Air Force Handbook 32-1084, "Facility Requirements". An Economic Analysis is currently under preparation to compare all of the reasonable options for accomplishing this project. Base Civil Engineer: Lt Col Mark Bednar (803) 895-9562; (AGE Complex: 3,319 SM = 35,725 SF)</p> <p>JOINT USE CERTIFICATION: Mission requirements, operational considerations, and location are incompatible with use by other components.</p>			

1. COMPONENT AIR FORCE	FY 2007 MILITARY CONSTRUCTION PROJECT DATA (computer generated)		2. DATE
3. INSTALLATION AND LOCATION SHAW AIR FORCE BASE, SOUTH CAROLINA		4. PROJECT TITLE AEROSPACE GROUND EQUIPMENT SHOP/STORAGE	
5. PROGRAM ELEMENT 27596	6. CATEGORY CODE 218-712	7. PROJECT NUMBER VLSB083001	8. PROJECT COST (\$000) 6,200
12. SUPPLEMENTAL DATA:			
a. Estimated Design Data:			
(1) Status:			
(a) Date Design Started			26-SEP-05
(b) Parametric Cost Estimates used to develop costs			YES
* (c) Percent Complete as of 01 JAN 2006			15%
* (d) Date 35% Designed			07-NOV-05
(e) Date Design Complete			30-SEP-06
(f) Energy Study/Life-Cycle analysis was/will be performed			YES
(2) Basis:			
(a) Standard or Definitive Design -			NO
(b) Where Design Was Most Recently Used -			
(3) Total Cost (c) = (a) + (b) or (d) + (e):			(\$000)
(a) Production of Plans and Specifications			630
(b) All Other Design Costs			315
(c) Total			945
(d) Contract			840
(e) In-house			105
(4) Construction Contract Award			06 DEC
(5) Construction Start			07 FEB
(6) Construction Completion			08 FEB
* Indicates completion of Project Definition with Parametric Cost Estimate which is comparable to traditional 35% design to ensure valid scope, cost and executability.			
b. Equipment associated with this project provided from other appropriations:			
EQUIPMENT NOMENCLATURE	PROCURING APPROPRIATION	FISCAL YEAR APPROPRIATED OR REQUESTED	COST (\$000)
EQUIPMENT	3400	2007	500
COMM EQUIP - LAN SWITCHES	3400	2007	7
COMM EQUIP - SWITCH (< \$250K)	3400	2007	2

1. COMPONENT AIR FORCE		FY 2007 MILITARY CONSTRUCTION PROGRAM					2. DATE			
3. INSTALLATION AND LOCATION FORT BLISS, TEXAS			4. COMMAND: AIR COMBAT COMMAND			5. AREA CONST COST INDEX 0.95				
6. Personnel Strength	PERMANENT			STUDENTS			SUPPORTED			
	OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV	TOTAL
	AS OF 30 SEP 05	13	127	0	0	0	0	0	0	140
END FY 2010	13	127	0	0	0	0	0	0	140	
7. INVENTORY DATA (\$000)										
a. Total Acreage:										0
b. Inventory Total as of : (30 Sep 05)										0
c. Authorization Not Yet in Inventory:										0
d. Authorization Requested in this Program:										8,500
e. Authorization Included in the Following Program: (FY 2008)										0
f. Planned in Next Three Years Program:										0
g. Remaining Deficiency:										0
h. Grand Total:										8,500
8. PROJECTS REQUESTED IN THIS PROGRAM: (FY 2007)										
CATEGORY										
CODE	PROJECT TITLE				SCOPE	COST \$000	DESIGN START	STATUS Cmpl		
141-753	TACP ASOS and Weather Facility				4,619 SM	8,500	Jan-06	Sep-06		
					Total	8,500				
9a. Future Projects: Included in the Following Program: (FY2008)										
9b. Future Projects: Typical Planned Next Three Years:										
9c. Real Property Maintenance Backlog This Installation (\$M)										
10. Mission or Major Functions: Command and control of close air support in support of Army units.										
11. Outstanding pollution and Safety (OSHA) Deficiencies:										
a. Air pollution:							0			
b. Water Pollution:							0			
c. Occupational Safety and Health							0			
d. Other Environmental:							0			

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1. COMPONENT AIR FORCE	FY 2007 MILITARY CONSTRUCTION PROJECT DATA (computer generated)			2. DATE	
3. INSTALLATION AND LOCATION FORT BLISS, TEXAS			4. PROJECT TITLE TACP ASOS AND WEATHER FACILITY		
5. PROGRAM ELEMENT 27596	6. CATEGORY CODE 141-753	7. PROJECT NUMBER ACC070030	8. PROJECT COST (\$000) 8,500		
9. COST ESTIMATES					
ITEM		U/M	QUANTITY	UNIT	COST
TACP ASOS AND WEATHER FACILITY					6,340
AIR SUPPORT OPERATIONS SQUADRON/WEATHER		SM	2,721	1,910	(5,197)
HMMWW STORAGE		SM	1,898	580	(1,101)
ANTITERRORISM/FORCE PROTECTION		SM	4,619	9	(42)
SUPPORTING FACILITIES					1,342
UTILITIES		LS			(330)
PAVEMENTS		LS			(802)
SITE IMPROVEMENTS		LS			(210)
SUBTOTAL					7,682
CONTINGENCY (5.0%)					384
TOTAL CONTRACT COST					8,066
SUPERVISION, INSPECTION AND OVERHEAD (5.7%)					460
TOTAL REQUEST					8,525
TOTAL REQUEST (ROUNDED)					8,500
10. Description of Proposed Construction: Reinforced concrete foundations and floor slab, brick masonry exterior, standing seam metal roof, site preparation, utilities, fire detection/protection, landscaping, parking and access road, communication support, and all other necessary support. Force protection includes reinforced exterior walls and fully laminated windows. Air Conditioning: 150 Tons					
11. Requirement: 4619 SM Adequate: 0 SM Substandard: 0 SM PROJECT: Construct an Air Support Operations Squadron (ASOS) and Weather Facility. (Current Mission) REQUIREMENT: A facility is required to adequately support air support operations, training, administration, and maintenance for an Air Support Operations Squadron at Ft Bliss, Texas. The facility will house five flights, totaling 140 personnel, including a weather flight. This project supports Air Force Transformation initiatives to collocate ASOS squadrons with their aligned Army units. The ASOS provides command and control of close air support and maintains mission-ready air support operations personnel, radios, vehicles, and mobility equipment. The project is required for ASOS personnel arriving in FY06 and in support of a US Army brigade which will complete realignment from Europe in FY09. CURRENT SITUATION: There is no excess facility space available at Fort Bliss that can be reconfigured to support the operational and maintenance requirements associated with the ASOS mission. IMPACT IF NOT PROVIDED: Failure to provide facilities will significantly impact the ASOS operational capabilities. Facilities will not be available to perform operations and maintenance functions critical to providing close air support. Also, without adequate facility space, valuable assets will remain exposed to harsh environments resulting in premature deterioration and increased maintenance costs.					

1. COMPONENT AIR FORCE	FY 2007 MILITARY CONSTRUCTION PROJECT DATA (computer generated)		2. DATE
3. INSTALLATION AND LOCATION FORT BLISS, TEXAS		4. PROJECT TITLE TACP ASOS AND WEATHER FACILITY	
5. PROGRAM ELEMENT 27596	6. CATEGORY CODE 141-753	7. PROJECT NUMBER ACC070030	8. PROJECT COST (\$000) 8,500
<p>ADDITIONAL: This project meets the criteria/scope specified in Air Force Handbook 32-1084, "Facility Requirements" and the Air Force ASOS Design Guide. A preliminary analysis for accomplishing this project was conducted and it indicates there is only one option that will meet requirements. Because of this, a full economic analysis was not performed. A certificate of exception has been prepared. (ASOS: 2,721 SM = 29,280 SF; HMMWV Storage: 1,898 SM = 20,424 SF)</p> <p>JOINT USE CERTIFICATION: This facility can be used by other components on an "as available" basis; however, the scope of the project is based on Air Force requirements.</p>			

1. COMPONENT AIR FORCE	FY 2007 MILITARY CONSTRUCTION PROJECT DATA (computer generated)		2. DATE
3. INSTALLATION AND LOCATION FORT BLISS, TEXAS		4. PROJECT TITLE TACP ASOS AND WEATHER FACILITY	
5. PROGRAM ELEMENT 27596	6. CATEGORY CODE 141-753	7. PROJECT NUMBER ACC070030	8. PROJECT COST (\$000) 8,500
12. SUPPLEMENTAL DATA:			
a. Estimated Design Data:			
(1) Status:			
(a) Date Design Started			15-OCT-05
(b) Parametric Cost Estimates used to develop costs			YES
* (c) Percent Complete as of 01 JAN 2006			15%
* (d) Date 35% Designed			05-MAR-06
(e) Date Design Complete			03-SEP-06
(f) Energy Study/Life-Cycle analysis was/will be performed			YES
(2) Basis:			
(a) Standard or Definitive Design -			YES
(b) Where Design Was Most Recently Used -			
(3) Total Cost (c) = (a) + (b) or (d) + (e):			(\$000)
(a) Production of Plans and Specifications			510
(b) All Other Design Costs			255
(c) Total			765
(d) Contract			680
(e) In-house			85
(4) Construction Contract Award			07 FEB
(5) Construction Start			07 MAR
(6) Construction Completion			08 MAY
* Indicates completion of Project Definition with Parametric Cost Estimate which is comparable to traditional 35% design to ensure valid scope, cost and executability.			
b. Equipment associated with this project provided from other appropriations: N/A			

1. COMPONENT AIR FORCE			FY 2007 MILITARY CONSTRUCTION PROGRAM						2. DATE		
3. INSTALLATION AND LOCATION LACKLAND AIR FORCE BASE, TEXAS				4. COMMAND: AIR EDUCATION AND TRAINING COMMAND				5. AREA CONST COST INDEX 0.91			
6. Personnel		PERMANENT			STUDENTS			SUPPORTED			TOTAL
Strength		OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV	
AS OF 30 SEP 05		1667	5038	3039	12	10748	200	501	1973	1,659	24,837
END FY 2010		1650	4648	3037	38	10832	200	498	1968	1668	24,539
7. INVENTORY DATA (\$000)											
a. Total Acreage:											9,799
b. Inventory Total as of : (30 Sep 05)											3,037,255
c. Authorization Not Yet in Inventory:											92,556
d. Authorization Requested in this Program: (FY 2007)											13,200
e. Authorization Included in the Following Program: (FY 2008)											30,000
f. Planned in Next Three Years Program:											183,244
g. Remaining Deficiency:											37,300
h. Grand Total:											3,393,555
8. PROJECTS REQUESTED IN THIS PROGRAM: (FY 2007)											
CATEGORY				SCOPE				COST		DESIGN	STATUS
<u>CODE</u>		<u>PROJECT TITLE</u>				<u>\$,000</u>		<u>START</u>	<u>CMPL</u>		
131-111		Replace Telecom Switch / Admin				5,669 SM		13,200	Design-Build		
		Total				13,200					
9a. Future Projects: Included in the Following Program: (FY2008)											
721-312		Student Dormitory				300 RM		30,000			
		Total				30,000					
9b. Future Projects: Typical Planned Next Three Years:											
721-312		Dormitory				300 RM		31,000			
730-835		Security Forces Consolidated Ops Fac				3,065 SM		16,000			
721-312		Dormitory				300 RM		31,000			
721-312		Dormitory				300 RM		31,000			
141-456		33rd IOS Operations Facility				6,280 SM		17,500			
721-311		Recruit Training Cmplx, Ph 1				19,550 SM		46,007			
217-712		Consolidate Cryptological Mntce Fac				1,000 SM		2,237			
171-157		Combat Training Flight				4,070 SM		8,500			
		Total				183,244					
9c. Real Property Maintenance Backlog This Installation (\$M)											159
10. Mission or Major Functions: A training wing which includes Basic Military Training School, Air Force Security Forces Center, and security forces, cryptographic maintenance, recruiting, and Air Force and Navy food service courses; Defense Language Institute English Language Center; Department of Defense Military Working Dog Training Agency; Inter-American Air Forces Academy; an Air Force Reserve contingency hospital and training squadron, and a major Air Force medical center.											
11. Outstanding pollution and Safety (OSHA) Deficiencies:											
a. Air pollution											0
b. Water Pollution											0
c. Occupational Safety and Health											0
d. Other Environmental											0

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1. COMPONENT AIR FORCE	FY 2007 MILITARY CONSTRUCTION PROJECT DATA (computer generated)			2. DATE	
3. INSTALLATION AND LOCATION LACKLAND AIR FORCE BASE, TEXAS		4. PROJECT TITLE REPLACE TELECOMMUNICATIONS SWITCH/ADMIN			
5. PROGRAM ELEMENT 85796	6. CATEGORY CODE 131-111	7. PROJECT NUMBER MPLS033700	8. PROJECT COST (\$000) 13,200		
9. COST ESTIMATES					
ITEM		U/M	QUANTITY	UNIT	COST
REPLACE TELECOMMUNICATIONS SWITCH/ADMIN					8,172
TELECOMM SWITCH AND DATA SUPPORT		SM	3,275	1,808	(5,921)
COMMUNICATIONS ADMIN SUPPORT		SM	1,372	1,280	(1,756)
ALTER FACILITY TO RELOCATE MSG		SM	1,022	409	(418)
ANTITERRORISM/FORCE PROTECTION		SM	5,669	14	(77)
SUPPORTING FACILITIES					3,808
UTILITIES		LS			(1,044)
EMCS/COMMUNICATIONS SUPPORT		LS			(811)
SITE IMPROVEMENTS		LS			(632)
PAVEMENTS/DRILLED PIER FOUNDATION		LS			(1,085)
ABATE/DEMOLISH BLDGS 1000, 1022, 1037		SM	1,388	170	(236)
SUBTOTAL					11,980
CONTINGENCY (5.0%)					599
TOTAL CONTRACT COST					12,579
SUPERVISION, INSPECTION AND OVERHEAD (5.7%)					717
TOTAL REQUEST					13,296
TOTAL REQUEST (ROUNDED)					13,200
EQUIPMENT FROM OTHER APPROPRIATIONS (NON-ADD)					(3,500)
10. Description of Proposed Construction: Replaces the Base Telecomm Center and Admin Support at Kelly USA to accommodate the relocation and modernization of the voice and data nodes, their peripherals and all administrative support to a new site inside the base perimeter. New facility includes concrete floor slab on drilled pier foundation, structural steel frame, masonry walls, standing seam metal roof and all necessary support. Realigns Bong Ave to Kenley and McChord intersection. Relocates main power circuits and communications circuits along Kelly Drive underground and provides additional power and communications to the new facility. Demolishes three facilities (1,388 SM). Alters an existing facility to relocate the Mission Support Group. This project will comply with DoD antiterrorism/force protection requirements per unified facilities criteria.					
Air Conditioning: 450 Tons					
11. Requirement: 7960 SM Adequate: 2291 SM Substandard: 6014 SM					
<u>PROJECT:</u> Replace Telecommunications Switch / Admin. (Current Mission)					
<u>REQUIREMENT:</u> New facility to support telecommunications switch relocation with adequate comm admin support space is required to comply with DoD Antiterrorism and Force Protection standards. In addition to architectural, civil, mechanical, electrical, and fire protection systems in compliance with Air Force and base standards, south Texas clay soils dictate the need for a special drilled pier foundation. Per BRAC agreement, both Switch and Admin Support facilities will be excessed to the City of San Antonio					

1. COMPONENT AIR FORCE	FY 2007 MILITARY CONSTRUCTION PROJECT DATA (computer generated)		2. DATE
3. INSTALLATION AND LOCATION LACKLAND AIR FORCE BASE, TEXAS		4. PROJECT TITLE REPLACE TELECOMMUNICATIONS SWITCH/ADMIN	
5. PROGRAM ELEMENT 85796	6. CATEGORY CODE 131-111	7. PROJECT NUMBER MPLS033700	8. PROJECT COST (\$000) 13,200

when vacated.

CURRENT SITUATION: The existing switch, associated support functions and personnel are located in the City of San Antonio (Kelly USA) outside the perimeter of Lackland AFB. This area was accessed to the City of San Antonio per the Kelly Field Realignment in 2001. The 37th Communications Squadron has 273 personnel working in facilities located on Kelly USA. This includes two 24-hours per day work centers which support 2 Headquarter functions, 5 Wings, and 72 associate units including National Security Agency and Air Intelligence Agency. Additionally, the Defense Information Systems Agency is in the process of installing a Defense Switched Network Multi-Function Switch node to service over 40 DoD sites as part of Air Force mandated server consolidation program scheduled for FY06/07. The events of September 11, 2001 changed the security posture of these critical facilities and the current facilities with associated functions and personnel must be moved inside the base perimeter as provided by DoD Minimum Antiterrorism Standards for Buildings, UFC-4-010-01, dated 31 Jul 2002. Lackland AFB communications is in daily jeopardy because all voice and data circuits as well as 80% of the equipment and maintaining personnel are located in a facility which is approximately 10 feet from a public road on the North side and a 6-lane highway is scheduled to be built within 6-10 feet on the East side. Essential personnel access to the base is severely curtailed during real world events and exercise scenarios. During base lock downs, access of essential personnel is further limited. A new switch has been installed at main base Lackland AFB, however the associated communications center equipment, existing switch, and personnel remain at Kelly USA.

IMPACT IF NOT PROVIDED: Without this project, the existing telecommunications switch with associated functions and support personnel will continue to be located off base at risk. This facility, ranked as Lackland AFB's No. 1 vulnerability per the Vulnerability Assessment & Management Plan published in 2002, will remain noncompliant with the minimum anti-terrorism/force protection standards of DoD UFC-4-010-01. Planning, readiness, and contingency (command post) personnel will remain off base. Long travel and response time will remain a serious problem especially during real world event or exercise base closures. Routine base access will continue to be along a 5-mile route passing through the Growden Road (commercial vehicle inspection) Gate resulting in inefficient operations and degraded reliability.

ADDITIONAL: This project complies with direction provided in Air Force Handbook 32-1084, "Facility Standards" An Economic Analysis Waiver Certificate has been processed since there is no other option other than relocating the telecomm switch function inside the base perimeter areas. BASE CIVIL ENGINEER: Lt Col Jeffery D. Knippel, Commercial 210-671-2977, FAX 210-671-4074, e-mail to: Jeffery.Knippel@lackland.af.mil. Replace Telecommunications Switch/Admin 4,647SM = 50,022SF

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

1. COMPONENT AIR FORCE	FY 2007 MILITARY CONSTRUCTION PROJECT DATA (computer generated)		2. DATE
3. INSTALLATION AND LOCATION LACKLAND AIR FORCE BASE, TEXAS		4. PROJECT TITLE REPLACE TELECOMMUNICATIONS SWITCH/ADMIN	
5. PROGRAM ELEMENT 85796	6. CATEGORY CODE 131-111	7. PROJECT NUMBER MPLS033700	8. PROJECT COST (\$000) 13,200
12. SUPPLEMENTAL DATA:			
a. Estimated Design Data:			
(1) Project to be accomplished by design-build procedures			
(2) Basis:			
(a) Standard or Definitive Design -			NO
(b) Where Design Was Most Recently Used -			
(3) All Other Design Costs			396
(4) Construction Contract Award			07 JAN
(5) Construction Start			07 FEB
(6) Construction Completion			08 NOV
(7) Energy Study/Life-Cycle analysis was/will be performed			YES
b. Equipment associated with this project provided from other appropriations:			
EQUIPMENT NOMENCLATURE	PROCURING APPRO	FISCAL YEAR APPROPRIATED OR REQUESTED	COST (\$000)
TELECOMM SWITCH AND INSTALL	3400	2007	3,500

1. COMPONENT AIR FORCE		FY 2007 MILITARY CONSTRUCTION PROGRAM					2. DATE				
3. INSTALLATION AND LOCATION HILL AIR FORCE BASE, UTAH				4. COMMAND: AIR FORCE MATERIEL COMMAND			5. AREA CONST COST INDEX 1.03				
6. Personnel Strength	PERMANENT			STUDENTS			SUPPORTED			TOTAL	
	OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV		
	AS OF 30 SEP 05	627	4229	9919	3488	4702	937	1	0		803
END FY 2010	608	4230	9525	3488	4702	937	1	0	803	24,294	
7. INVENTORY DATA (\$000)											
Total Acreage: 6,973											
Inventory Total as of : (30 Sep 05)										2,730,070	
Authorization Not Yet in Inventory:										65,600	
Authorization Requested in this Program:										53,400	
Authorization Included in the Following Program: (FY 2008)										25,000	
Planned in Next Three Years Program:										59,799	
Remaining Deficiency:										252,200	
Grand Total:										3,186,069	
8. PROJECTS REQUESTED IN THIS PROGRAM: (FY 2007)											
CATEGORY					COST	DESIGN	STATUS				
CODE	PROJECT TITLE				\$,000	START	CMPL				
141-764	Add to Software Support Facility				6,735	SM	20,000	Design-Build			
211-116	F/A-22 Fueled Composite Aircraft Overhaul/Testing Facility				6,660	SM	26,000	Design-Build			
215-154	Armament Overhaul Facility				2,580	SM	7,400	Design-Build			
Total							53,400				
9a. Future Projects: Included in the Following Program: (FY2008)											
217-712	Electronics Repair Facility, Phase 1				9,800	SM	25,000	Design-Build			
Total							25,000				
9b. Future Projects: Typical Planned Next Three Years:											
215-552	Munitions Maintenance Fac (388 FW)				2,820	SM	5,800				
214-425	Combined Transportation Fac				7,200	SM	17,600				
422-259	Consolidate Missile Storage Facilities				1,179	SM	6,099				
442-758	Consolidated OO-ALC Warehouse				18,600	SM	22,000				
610-144	Consolidate 649th Munitions Facility				2,050	SM	5,000				
730-142	Fire/Crash Rescue Station				4,300	SM	9,100				
9c. Real Property Maintenance Backlog This Installation										223	
10. Mission or Major Functions: Ogden Air Logistics Center which is responsible for logistics management, support, and depot-level maintenance of tactical missiles, F-16 aircraft, Minuteman and Peacekeeper ICBMs, AN/FPS-117 Radar, Composite (including B-2 Composites), Power Systems, and Software workload; a test squadron with F-16, HH-1, MH-60, and HC/NC-130 aircraft; an air base wing; an Air Combat Command fighter wing with three F-16 squadrons; and an Air Force Reserve fighter wing with one F-16 squadron.											
11. Outstanding pollution and Safety (OSHA Deficiencies):											
a. Air pollution										0	
b. Water Pollution										0	
c. Occupational Safety and Health										0	
d. Other Environmental										0	

1. COMPONENT AIR FORCE	FY 2007 MILITARY CONSTRUCTION PROJECT DATA (computer generated)			2. DATE	
3. INSTALLATION AND LOCATION HILL AIR FORCE BASE, UTAH		4. PROJECT TITLE ADD TO SOFTWARE SUPPORT FACILITY			
5. PROGRAM ELEMENT 72896	6. CATEGORY CODE 141-764	7. PROJECT NUMBER KRSM043004	8. PROJECT COST (\$000) 20,000		
9. COST ESTIMATES					
ITEM		U/M	QUANTITY	UNIT	COST
ADD TO SOFTWARE SUPPORT FAC					13,498
LABORATORY AREAS		SM	4,685	2,171	(10,171)
ADMINISTRATIVE AREAS		SM	2,050	1,557	(3,192)
ANTITERRORISM FORCE PROTECTION		SM	6,735	20	(135)
SUPPORTING FACILITIES					4,350
UTILITIES		LS			(1,500)
PAVEMENTS		LS			(500)
SITE IMPROVEMENTS		LS			(2,000)
COMMUNICATIONS SUPPORT		LS			(350)
SUBTOTAL					17,848
CONTINGENCY (5.0%)					892
TOTAL CONTRACT COST					18,740
SUPERVISION, INSPECTION AND OVERHEAD (5.7%)					1,068
TOTAL REQUEST					19,808
TOTAL REQUEST (ROUNDED)					20,000
EQUIPMENT FROM OTHER APPROPRIATIONS (NON-ADD)					(2,000)
10. Description of Proposed Construction: Construct a 2 story addition to building 1515 with reinforced concrete footings, foundation and floor slab, steel frame with masonry walls, and standing seam metal roof. Project includes computer labs and HVAC, utilities, site work and parking area. Comply with DoD force protection requirements per unified facilities criteria. Air Conditioning: 250 Tons					
11. Requirement: 32523 SM Adequate: 14609 SM Substandard: 11179 SM <u>PROJECT:</u> Add to Software Support Facility. (Current Mission) <u>REQUIREMENT:</u> An adequately sized and configured software support facility addition is required to provide software engineering to support the new block 40/50 F-16 fighter Operational Flight Program and weapon system Automatic Test Equipment (ATE) workloads. The existing software facility and this addition will support work on F-16, A-10, B-1B, B-52, C-17 and various missile programs 85% of the projected workload growth requires secure facilities that can accommodate classified material. The mission requirements of development, maintenance, and validation of weapons software, ATE development, Microwave, and Combat control shelters, are continually being modernized to accommodate the newest electronic developments generated by industry, and Air Force internal upgrades. The facility requirements to accomplish this type of transformational mission requirement must support a software engineering environment to include twelve classified labs with raised floor areas along with a clean electrical supply, cooling and humidity control, configuration file storage and workstation space to accommodate growth of workloads to support Core and 50/50 legislation, and to meet Core depot level maintenance at Ogden ALC Software Engineering Division. The facility also requires a					

1. COMPONENT AIR FORCE	FY 2007 MILITARY CONSTRUCTION PROJECT DATA (computer generated)		2. DATE
3. INSTALLATION AND LOCATION HILL AIR FORCE BASE, UTAH		4. PROJECT TITLE ADD TO SOFTWARE SUPPORT FACILITY	
5. PROGRAM ELEMENT 72896	6. CATEGORY CODE 141-764	7. PROJECT NUMBER KRSM043004	8. PROJECT COST (\$000) 20,000
<p>classified security system, wiring, communication lines, loading dock and receiving area. No alterations to the existing facility are needed except for access between the existing and new addition. Comply with DoD force protection requirements per unified facilities criteria.</p> <p><u>CURRENT SITUATION:</u> This program has transformed into the highest level of software sustainment, a Capability Maturity Model (CMM) level 5 operation. As the DOD's only CMM level 5 organization, it offers high caliber software sustainment processes which provide a superior capability to produce quality software on time and within budget. As the industry leader in software development, this program is able to satisfy customer requirements by sustaining their systems through new micro-processing applications, new development processes, and retrofitting existing operating systems to accept smarter, faster, and more stable software programs. The new block 40/50 F-16 fighter Operational Flight Program (OFP) and weapon system Automatic Test Equipment workloads will increase beyond FY07. This growth will exceed current facility capacity, both programmed and existing by FY08, placing military operations at risk in FY08 and beyond, unless the workload is contracted out at substantially higher labor rates than at the base, which offers a \$40/hour labor rate savings over its major DOD competitors. This costs savings translates to a payback of 26 months on this phase of the Software Support Facility addition.</p> <p><u>IMPACT IF NOT PROVIDED:</u> Without this addition to the Software Support Facility, this program will incur substantial annual cost increases to lease temporary administrative space and face near cost-prohibitive retrofit expenses to existing facilities in order to provide a secure environment for the classified workload for the Block 40/50 F-16 OFP, Mission Planning, and the new F-22 and JSF OFP software development. These critical core software workloads will revert to or remain in the hands of contractors rather than being transitioned to MAS as planned. Contractors will be required to perform 155 PEs (248,000 hours) of software workload production at an additional cost of approximately \$40 per hour. The additional cost to the Air Force will exceed \$9.9M for each year the facility is not constructed.</p> <p><u>ADDITIONAL:</u> This project meets the criteria/scope specified in Air Force Handbook 32-1084, "Facility Requirements." An economic analysis has been prepared comparing the alternatives of a new addition, leasing, and contracting out workload. Based on the net present values and benefits of the respective alternatives, a new addition was found to be the most cost efficient over the life of the project. Col Michael Falino (801) 777-7505. Admin Area: 2,050 SM = 22,066 SF, Laboratory Area: 4,685 SM = 50,429 SF.</p> <p><u>JOINT USE CERTIFICATION:</u> This facility can be used by other components on an "as available" basis; however, the scope of the project is based on Air Force Requirements.</p>			

1. COMPONENT AIR FORCE	FY 2007 MILITARY CONSTRUCTION PROJECT DATA (computer generated)		2. DATE
3. INSTALLATION AND LOCATION HILL AIR FORCE BASE, UTAH		4. PROJECT TITLE ADD TO SOFTWARE SUPPORT FACILITY	
5. PROGRAM ELEMENT 72896	6. CATEGORY CODE 141-764	7. PROJECT NUMBER KRSM043004	8. PROJECT COST (\$000) 20,000
12. SUPPLEMENTAL DATA:			
a. Estimated Design Data:			
(1) Project to be accomplished by design-build procedures			
(2) Basis:			
(a) Standard or Definitive Design -			NO
(b) Where Design Was Most Recently Used -			
(3) All Other Design Costs			1,000
(4) Construction Contract Award			07 JAN
(5) Construction Start			07 FEB
(6) Construction Completion			09 FEB
(7) Energy Study/Life-Cycle analysis was/will be performed			YES
b. Equipment associated with this project provided from other appropriations:			
EQUIPMENT NOMENCLATURE	PROCURING APPRO	FISCAL YEAR APPROPRIATED OR REQUESTED	COST (\$000)
INITIAL OPERATING EQUIPMENT	3080	2007	2,000

1. COMPONENT AIR FORCE	FY 2007 MILITARY CONSTRUCTION PROJECT DATA (computer generated)			2. DATE	
3. INSTALLATION AND LOCATION HILL AIR FORCE BASE, UTAH		4. PROJECT TITLE F/A-22 FUELED COMPOSITE AIRCRAFT OVERHAUL/TEST FACILITY			
5. PROGRAM ELEMENT 27138	6. CATEGORY CODE 211-116	7. PROJECT NUMBER KRSM033002	8. PROJECT COST (\$000) 26,000		
9. COST ESTIMATES					
ITEM		U/M	QUANTITY	UNIT	COST
FUELED COMPOSITE AIRCRAFT OVERHAUL/TEST FAC					14,326
ADMINISTRATION		SM	409	1,841	(753)
FUELED/TEST HANGAR		SM	6,251	2,150	(13,440)
ANTITERRORISM FORCE PROTECTION		SM	6,660	20	(133)
SUPPORTING FACILITIES					9,113
UTILITIES		LS			(750)
PAVEMENTS		LS			(1,600)
SITE IMPROVEMENTS		LS			(750)
COMMUNICATIONS		LS			(250)
FIRE STATION (3 BAY)		SM	790	2,232	(1,763)
MOVE RADAR STATION		LS			(4,000)
SUBTOTAL					23,439
CONTINGENCY (5.0%)					1,172
TOTAL CONTRACT COST					24,611
SUPERVISION, INSPECTION AND OVERHEAD (5.7%)					1,403
TOTAL REQUEST					26,014
TOTAL REQUEST (ROUNDED)					26,000
EQUIPMENT FROM OTHER APPROPRIATIONS (NON-ADD)					(10,700)
10. Description of Proposed Construction: Construct a medium bay hangar with concrete foundation, floor slab, structural steel frame, insulated walls and roof, and hangar doors. Includes paint/depaint docks, assembly/disassembly docks, flight test docks, restrooms, break area, and administrative area. Construct a single story three bay fire station and relocate the existing radar dome for the FPS-117 radar system. Comply with DoD force protection requirements as per unified facilities criteria. Air Conditioning: 15 Tons					
11. Requirement: 104008 SM Adequate: 78798 SM Substandard: 0 SM <u>PROJECT:</u> Construct an F/A-22 fueled composite overhaul/test facility. (New Mission) <u>REQUIREMENT:</u> A facility is needed to accommodate the overhaul and repair of the new fleet of F/A-22 fighters. Seven F/A-22 aircraft will arrive at Hill AFB in 2007 to begin Depot Repair or Modification (DRM), with the number increasing to 64 per year by 2013. The proposed F/A-22 DRM work will include paint/depaint, maintenance docks, an assembly/disassembly area, flight test docks, and an administrative support core. This facility must be collocated with other F/A-22 facilities that are proposed for the east side of the runway. An existing radar transmitter/receiver must also be located to provide a clear view of all air traffic over Salt Lake International Airport. A three bay fire station is required on the east side of the runway to meet the required five minute response time. <u>CURRENT SITUATION:</u> Hangars used to support existing maintenance, fuel/defuel,					

1. COMPONENT AIR FORCE	FY 2007 MILITARY CONSTRUCTION PROJECT DATA (computer generated)		2. DATE
3. INSTALLATION AND LOCATION HILL AIR FORCE BASE, UTAH		4. PROJECT TITLE F/A-22 FUELED COMPOSITE AIRCRAFT OVERHAUL/TEST FACILITY	
5. PROGRAM ELEMENT 27138	6. CATEGORY CODE 211-116	7. PROJECT NUMBER KRSM033002	8. PROJECT COST (\$000) 26,000
<p>paint/depaint, and flight test procedures are scattered throughout the west side of the flightline and are currently being fully utilized to repair existing aircraft. No other space is available to accommodate the new F/A-22 mission. The east side of the runway is the only area on base with enough land to accommodate the proposed F/A-22 complex of facilities. To efficiently manage the F/A-22 system availability, the complex of facilities must be collocated in one area. Unfortunately, this area has an inadequate mission. An existing elevated radar dome housing the FPS-117 radar system is located near the proposed site and will not be able to function properly when this facility is built. This system is used for all validation, analysis, and testing of hardware and software modification for the early warning network of FPS-117 radars. Construction of the new facility will block the required line of site to salt Lake International Airport and interfere with the radar's ability to monitor the Salt Lake air traffic for testing to ensure that the upgrades it receives or develops will actually work as intended. There is no fire station which can respond within the required 5 minute response time.</p> <p><u>IMPACT IF NOT PROVIDED:</u> Without this facility, Ogden Air Logistics Center (OO-ALC) will not be able to accomplish the F/A-22 maintenance and repair mission, which now has been officially assigned to OO-ALC by the F/A-22 Program Office. Service contracts with the Lockheed Martin and other companies will need to be put in place with depot maintenance work being done off site at tremendous cost to the government. If the FPS-117 radar dome is not moved, upgrades to the various world wide radar stations cannot be tested prior to their installation. Without a fire station on the east side of the runway, the safety and protection of the F/A-22 assets and the people who work in this program will be at risk.</p> <p><u>ADDITIONAL:</u> This project meets the criteria/scope specified in Air Force Handbook 32-1084, "Facility Requirements." All known alternative options were considered during the development of this project. No other options could meet the mission requirements. An economic analysis has been prepared and confirms that new construction is the most cost effective method to accomplish the mission. Base Civil Engineer: Col. Michael Falino, (801) 777-7505. Administration: 409 SM = 4,400 SF; Fueled hangar: 6,251 SM = 67,290 SF.</p> <p><u>JOINT USE CERTIFICATION:</u> This facility can be used by other components on an "as available" basis; however, the scope of the project is based on Air Force requirements.</p>			

1. COMPONENT AIR FORCE	FY 2007 MILITARY CONSTRUCTION PROJECT DATA (computer generated)		2. DATE
3. INSTALLATION AND LOCATION HILL AIR FORCE BASE, UTAH		4. PROJECT TITLE F/A-22 FUELED COMPOSITE AIRCRAFT OVERHAUL/TEST FACILITY	
5. PROGRAM ELEMENT 27138	6. CATEGORY CODE 211-116	7. PROJECT NUMBER KRSM033002	8. PROJECT COST (\$000) 26,000
12. SUPPLEMENTAL DATA:			
a. Estimated Design Data:			
(1) Project to be accomplished by design-build procedures			
(2) Basis:			
(a) Standard or Definitive Design -			NO
(b) Where Design Was Most Recently Used -			
(3) All Other Design Costs			1,300
(4) Construction Contract Award			06 DEC
(5) Construction Start			07 FEB
(6) Construction Completion			09 APR
(7) Energy Study/Life-Cycle analysis was/will be performed			NO
b. Equipment associated with this project provided from other appropriations:			
EQUIPMENT NOMENCLATURE	PROCURING APPRO	FISCAL YEAR APPROPRIATED OR REQUESTED	COST (\$000)
PAINT BOOTH	3080	2007	3,500
SUPPORT EQUIPMENT	3080	2007	7,200

1. COMPONENT AIR FORCE	FY 2007 MILITARY CONSTRUCTION PROJECT DATA (computer generated)			2. DATE	
3. INSTALLATION AND LOCATION HILL AIR FORCE BASE, UTAH		4. PROJECT TITLE ARMAMENT OVERHAUL/TEST FACILITY			
5. PROGRAM ELEMENT 72896	6. CATEGORY CODE 215-553	7. PROJECT NUMBER KRSM043033	8. PROJECT COST (\$000) 7,400		
9. COST ESTIMATES					
ITEM		U/M	QUANTITY	UNIT	COST
ARMAMENT OVERHAUL/TEST FACILITY					5,745
ARMAMENT OVERHAUL FACILITY		SM	1,447	2,118	(3,065)
TEST FACILITY		SM	1,021	2,572	(2,626)
COVERED LOADING DOCK		SM	112	354	(40)
ANTI-TERRORISM/FORCE PROTECTION		SM	1,447	10	(14)
SUPPORTING FACILITIES					966
UTILITIES		LS			(483)
SITE IMPROVEMENTS		LS			(85)
PAVEMENTS		LS			(120)
COMMUNICATIONS SUPPORT		LS			(100)
DEMOLITION		SM	445	400	(178)
SUBTOTAL					6,711
CONTINGENCY (5.0%)					336
TOTAL CONTRACT COST					7,046
SUPERVISION, INSPECTION AND OVERHEAD (5.7%)					402
TOTAL REQUEST					7,448
TOTAL REQUEST (ROUNDED)					7,400
EQUIPMENT FROM OTHER APPROPRIATIONS (NON-ADD)					(1,000)
<p>10. Description of Proposed Construction: Construct a medium bay (24' high) facility with reinforced concrete footings, foundation and floor slab, steel frame with insulated masonry walls, and a 4-ply built up insulated roof adjacent to an earth covered gun test range. Range shall be constructed with reinforced concrete walls and roof sufficient to accommodate indoor testing of 30mm armaments, and concrete floor slab. Project includes utilities, parking area, and unique site work including a 20' earth berm on all sides of the gun range for sound and safety measures. Demolish existing gun range totaling 445 SM. Comply with DoD force protection requirements per unified facilities criteria.</p> <p>Air Conditioning: 40 Tons</p>					
<p>11. Requirement: 8759 SM Adequate: 6291 SM Substandard: 445 SM</p> <p><u>PROJECT:</u> Construct an armament overhaul/test facility. (Current Mission)</p> <p><u>REQUIREMENT:</u> A new overhaul and test facility is required to consolidate the overhaul, repair, and testing of aircraft arms and ordinance into a single facility that will reduce the flow days for armament repair and incorporate industrially proven new technology to automate the gun firing process and target scoring process. New work load, including 20mm work for F-14, F-15, F-16, F-18, M197 aircraft and 30mm work for A-10 and C-130 aircraft, have created the need for more space for more employees and a requirement for testing 30mm armaments. New modern operational equipment for measuring all systems tested will provide the most accurate weapon systems possible for our combat</p>					

1. COMPONENT AIR FORCE	FY 2007 MILITARY CONSTRUCTION PROJECT DATA (computer generated)			2. DATE
3. INSTALLATION AND LOCATION HILL AIR FORCE BASE, UTAH			4. PROJECT TITLE ARMAMENT OVERHAUL/TEST FACILITY	
5. PROGRAM ELEMENT 72896	6. CATEGORY CODE 215-553	7. PROJECT NUMBER KRSM043033	8. PROJECT COST (\$000) 7,400	
<p>aircraft. The new facility will also provide much needed indoor storage space for sophisticated and expensive armaments components, which are currently being stored outdoors. Comply with DoD force protection requirements per unified facilities criteria.</p> <p><u>CURRENT SITUATION:</u> Current overhaul/test facilities are overcrowded and inefficient. Support shops are located in multiple facilities outside the overhaul facility. Subcomponents of the various gun systems are routed to the support shops to strip, weld, machine, inspect, and plate prior to final assembly. This routing process adds 40% to the process flow time. The majority of the shop equipment is unsupportable and requires reverse engineering to maintain. There is currently no capability to test 30mm armaments at Hill AFB. 30mm guns are sent to the Eglin AFB gun range for testing. Other inefficiencies exist by having the armaments overhaul shop (Bldg, 509) about two miles away from the test firing range facility (Bldg. 752). Arms and ordinance must be secured during transport. Current range test capabilities are limited to the obsolete targeting technology and the inefficient round retrieval system. The antiquated round collection system creates dust problems and inaccurate pattern dispersion measurements. The current method of retrieving spent rounds at the existing gun range creates an unreasonable hazardous waste disposal problem and presents a lead exposure hazard. The new test range shall use a state-of-the-art system for trapping and recovering spent bullets from the test firing.</p> <p><u>IMPACT IF NOT PROVIDED:</u> The Commodities Branch, Armament Section will continue to work in overcrowded, inefficient conditions which will severely challenge their ability to accomplish the 20mm and 30mm mission at a competitive rate. They will not be able to compete for future work load for the Navy nor for future F/A-22 and F-35 work for the Air Force. Hill AFB will continue to pay about \$800K annually for the off-site 30mm armaments testing at Eglin AFB. Changing out the gravel munitions collection media at the gun range will continue to pose a hazardous waste problem in terms of health risks to workers and high disposal fees. Gun components and other spare parts will continue to be stored outdoors, exposed to the weather, shortening useful life.</p> <p><u>ADDITIONAL:</u> This project meets the critical scope specified in Air Force Handbook 32-1084, "Facility Requirements." An economic analysis was prepared comparing all reasonable options for the most cost effective and efficient method of providing facilities for the repairing and testing of 20mm and 30mm armaments. These options included status quo, renovation, upgrade/remodel, and new construction. It was determined that new construction is the only option that will meet operational requirements. Base Civil Engineer: Col. Michael Falino (801) 777-7505. Armament Overhaul Facility: 1,447 SM = 15,573 SF; Test Facility: 1,021 SM = 10,986 SF; Covered Loading Dock: 112 SM = 1,200 SF</p> <p><u>JOINT USE CERTIFICATION:</u> Mission requirements, operational considerations, and location are incompatible with use by other components.</p>				

1. COMPONENT AIR FORCE	FY 2007 MILITARY CONSTRUCTION PROJECT DATA (computer generated)		2. DATE
3. INSTALLATION AND LOCATION HILL AIR FORCE BASE, UTAH		4. PROJECT TITLE ARMAMENT OVERHAUL/TEST FACILITY	
5. PROGRAM ELEMENT 72896	6. CATEGORY CODE 215-553	7. PROJECT NUMBER KRSM043033	8. PROJECT COST (\$000) 7,400
12. SUPPLEMENTAL DATA:			
a. Estimated Design Data:			
(1) Project to be accomplished by design-build procedures			
(2) Basis:			
(a) Standard or Definitive Design -			NO
(b) Where Design Was Most Recently Used -			
(3) All Other Design Costs			370
(4) Construction Contract Award			06 DEC
(5) Construction Start			07 FEB
(6) Construction Completion			08 MAY
(7) Energy Study/Life-Cycle analysis was/will be performed			YES
b. Equipment associated with this project provided from other appropriations:			
EQUIPMENT NOMENCLATURE	PROCURING APPRO	FISCAL YEAR APPROPRIATED OR REQUESTED	COST (\$000)
LASER IMAGE PROJECTION EQUIP.	3080	2007	1,000

1. COMPONENT AIR FORCE		FY 2007 MILITARY CONSTRUCTION PROGRAM						2. DATE			
3. INSTALLATION AND LOCATION LANGLEY AIR FORCE BASE, VIRGINIA				4. COMMAND: AIR COMBAT COMMAND			5. AREA CONST COST INDEX 0.94				
6. Personnel		PERMANENT			STUDENTS			SUPPORTED			TOTAL
Strength		OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV	
AS OF 30 SEP 04		2253	7361	3589	0	2	0	0	0	306	13,511
END FY 2009		2161	7111	3469	0	2	0	0	0	306	13,049
7. INVENTORY DATA (\$000)											
a. Total Acreage:		3,168									
b. Inventory Total as of : (30 Sep 04)											3,691,431
c. Authorization Not Yet in Inventory:											44,365
d. Authorization Requested in this Program:											57,700
e. Authorization Included in the Following Program: (FY 2008)											5,200
f. Planned in Next Four Years Program:											27,800
g. Remaining Deficiency:											122,600
h. Grand Total:											3,949,096
8. PROJECTS REQUESTED IN THIS PROGRAM: (FY 2007)											
CATEGORY				SCOPE		COST		DESIGN		STATUS	
<u>CODE</u>		<u>PROJECT TITLE</u>			<u>SCOPE</u>		<u>\$.000</u>		<u>START</u>		<u>CMPL</u>
141-454		Distributed Common Ground Station			13,801 SM		47,700		May-05		Sep-06
721-312		Replace Dormitory (96 RM)			3,168 SM		10,000		May-05		Sep-06
9a. Future Projects: Included in the Following Program: (FY2008)											
CATEGORY				SCOPE		COST					
<u>CODE</u>		<u>PROJECT TITLE</u>			<u>SCOPE</u>		<u>\$.000</u>				
736-771		ADAL Bethel Manor Chapel			358 SM		5,200				
9b. Future Projects: Typical Planned Next Four Years:											
171-475		Indoor Small Arms Range			2,788 SM		10,000				
730-832		West/LaSalle Gates FP/Access			7,294 SM		6,800				
721-312		Replace Dormitory (96 RM)			3,168 SM		11,000				
9c. Real Property Maintenance Backlog This Installation: 118											
10. Mission or Major Functions: Headquarters Air Combat Command; a fighter wing with F-22A and F-15 fighters; an airlift flight; an intelligence group; Aerospace Command and Control Intelligence, Surveillance and Reconnaissance Center (AC2ISRC), Detachment of the USAF Doctrine Center; and the Air Force Rescue Coordination Center.											
11. Outstanding Pollution and Safety (OSHA Deficiencies):											
a. Air pollution											
b. Water Pollution											
c. Occupational Safety and Health											
d. Other Environmental											

1. COMPONENT AIR FORCE	FY 2007 MILITARY CONSTRUCTION PROJECT DATA (computer generated)			2. DATE	
3. INSTALLATION AND LOCATION LANGLEY AIR FORCE BASE, VIRGINIA		4. PROJECT TITLE DISTRIBUTED COMMON GROUND STATION OPERATIONS FACILITY			
5. PROGRAM ELEMENT 35208	6. CATEGORY CODE 141-454	7. PROJECT NUMBER MUHJ073004	8. PROJECT COST (\$000) 47,700		
9. COST ESTIMATES					
ITEM		U/M	QUANTITY	UNIT	COST
DISTRIBUTED COMMON GROUND SYSTEM OPERATIONS					31,135
DCGS OPERATIONS FACILITY		SM	13,801	2,235	(30,845)
ANTITERRORISM/FORCE PROTECTION		SM	13,801	21	(290)
SUPPORTING FACILITIES					11,877
DEMOLITION		SM	112	375	(42)
UTILITIES		LS			(3,875)
PAVEMENTS		LS			(1,925)
SITE IMPROVEMENTS		LS			(2,200)
ENVIRONMENTAL		LS			(2,135)
COMMUNICATIONS SUPPORT		LS			(1,700)
SUBTOTAL					43,012
CONTINGENCY (5.0 %)					2,151
TOTAL CONTRACT COST					45,163
SUPERVISION, INSPECTION AND OVERHEAD (5.7 %)					2,574
TOTAL REQUEST					47,737
TOTAL REQUEST (ROUNDED)					47,700
EQUIPMENT FROM OTHER APPROPRIATIONS (NON-ADD)					(2,125.0)
<p>10. Description of Proposed Construction: Reinforced concrete floor slab, metal framed facility, masonry walls, standing seam metal roof, utilities, fire detection/suppression system, intrusion alarms, pavements to include access road and parking, site improvements, landscaping, communications support, demolition of one facility (112 SM) in the way of construction, and all other necessary support. Communication support is for extended duct and cable run to nearest hub, and environmental remediation for wetlands, stormwater management and unexploded ordnance survey and removal. Force protection includes reinforced exterior walls and fully laminated windows.</p> <p>Air Conditioning: 500 Tons</p>					
<p>11. REQUIREMENT: 13,801 SM ADEQUATE: 0 SM SUBSTANDARD: 3,718 SM</p> <p>PROJECT: Construct Air Force Distributed Common Ground Station (AF DCGS) Operations Facility. (New Mission)</p> <p>REQUIREMENT: Adequate and functional space is required to collocate AF DCGS mission crews of up to 400 operators and support personnel, mission systems, and information to meet real-time and near-real-time, high-opstempo, in-garrison mission demands. Facility must include space for 180 workstations and associated racks and communications equipment, mechanical space, warehouse space, and command staff offices. Facility must be sized to accommodate crew size based on number, duration, and frequency of world-wide intelligence, surveillance, and reconnaissance (ISR) sorties derived from programmed Air Force ISR sensors and detailed in the AF DCGS Master Plan. Facilities are required for</p>					

1. COMPONENT AIR FORCE	FY 2007 MILITARY CONSTRUCTION PROJECT DATA (computer generated)		2. DATE
3. INSTALLATION AND LOCATION LANGLEY AIR FORCE BASE, VIRGINIA		4. PROJECT TITLE DISTRIBUTED COMMON GROUND STATION OPERATIONS FACILITY	
5. PROGRAM ELEMENT 35208	6. CATEGORY CODE 141-454	7. PROJECT NUMBER MUHJ073004	8. PROJECT COST (\$000) 47,700
<p>permanent installation of multiple ground sensor platforms and associated control systems. Supporting facilities costs are higher than 25% due to the requirement to place the facility above the surrounding flood plain. The complex is also sited above a known environmental restoration site. This will require soil remediation and unexploded ordnance survey, detection, and clearance. Due to the mission of the facility, redundant utility systems are required to ensure continued operations under all circumstances.</p> <p>CURRENT SITUATION: Beginning in FY06, mission equipment and crews will move from deployable shelters into temporary structures to facilitate a major AF DCGS system upgrade not supportable by the existing shelters. These structures will physically separate mission crews, limit maintenance flexibility, and cap the number of workstations that can be fielded. Based on new mission operations and mission reachback capability, existing facilities are not capable of accommodating large high-bay TS/SCI mission operations. There are no excess facilities of adequate size or configuration available to support this mission beddown. The existing complex is not conducive to expansion. The initial beddown utilized five existing facilities; however, the current and future concept of operations requires a single complex for mission completion. Total force manpower for weapon system operation and support--consisting of one active duty group, two active duty squadrons, and one Air National Guard (ANG) squadron--will increase to 1068 by FY09. By FY10, total authorizations will number 883 full-time and 229 part-time.</p> <p>IMPACT IF NOT PROVIDED: Failure to provide a functional facility for the AF DCGS mission will result in mission failure as more sensors will be employed around the world than AF DCGS capability to operate them due to the limited space for workstations and operators in the temporary facilities. Theater warfighters will be at risk, as the physical crew separation imposed by temporary facilities introduces a delay in crew interaction when life-or-death information needs are measured in seconds. The AF DCGS weapon system will experience unacceptable mission downtime for required maintenance and upgrades are needed due to limited room for hot spares or maintenance work. AF DCGS mission degradation will ultimately deprive theater forces of critical, real-time data necessary for force protection and mission effectiveness, resulting in the cancellation of in-theater operations.</p> <p>ADDITIONAL: This project meets the criteria/scope specified in Air Force Handbook 32-1084, "Facility Requirements". A preliminary analysis of reasonable options for accomplishing this project (status quo, renovation, upgrade/removal, new construction) was done. It indicates there is only one option that will meet operational requirements. A certificate of exception has been prepared. Base Civil Engineer: Col Richard J. Wheeler (757)764-2025; (DCGS Operations Facility: 13,801 SM = 148,498 SF)</p> <p>JOINT USE CERTIFICATION: Mission requirements, operational considerations and locations are incompatible with use by other components.</p>			

1. COMPONENT AIR FORCE	FY 2007 MILITARY CONSTRUCTION PROJECT DATA (computer generated)		2. DATE
3. INSTALLATION AND LOCATION LANGLEY AIR FORCE BASE, VIRGINIA		4. PROJECT TITLE DISTRIBUTED COMMON GROUND STATION OPERATIONS FACILITY	
5. PROGRAM ELEMENT 35208	6. CATEGORY CODE 141-454	7. PROJECT NUMBER MUHJ073004	8. PROJECT COST (\$000) 47,700
12. SUPPLEMENTAL DATA:			
a. Estimated Design Data:			
(1) Status:			
(a) Date Design Started			04-MAY-05
(b) Parametric Cost Estimates used to develop costs			YES
* (c) Percent Complete as of 01 JAN 2006			15%
* (d) Date 35% Designed			10-AUG-05
(e) Date Design Complete			10-SEP-06
(f) Energy Study/Life-Cycle analysis was/will be performed			YES
(2) Basis:			
(a) Standard or Definitive Design -			NO
(b) Where Design Was Most Recently Used -			
(3) Total Cost (c) = (a) + (b) or (d) + (e):			(\$000)
(a) Production of Plans and Specifications			2,862
(b) All Other Design Costs			1,431
(c) Total			4,293
(d) Contract			3,578
(e) In-house			715
(4) Construction Contract Award			07 JAN
(5) Construction Start			07 FEB
(6) Construction Completion			09 FEB
* Indicates completion of Project Definition with Parametric Cost Estimate which is comparable to traditional 35% design to ensure valid scope, cost and executability.			
b. Equipment associated with this project provided from other appropriations:			
EQUIPMENT NOMENCLATURE	PROCURING APPROPRIATION	FISCAL YEAR APPROPRIATED OR REQUESTED	COST (\$000)
COMMUNICATION EQUIPMENT	3400	2008	525
COMMUNICATION EQUIPMENT	3080	2008	850
FURNISHINGS	3400	2008	750

1. COMPONENT AIR FORCE	FY 2007 MILITARY CONSTRUCTION PROJECT DATA (computer generated)			2. DATE	
3. INSTALLATION AND LOCATION LANGLEY AIR FORCE BASE, VIRGINIA		4. PROJECT TITLE DORMITORY (96 RM)			
5. PROGRAM ELEMENT 27596	6. CATEGORY CODE 721-312	7. PROJECT NUMBER MUHJ063001	8. PROJECT COST (\$000) 10,000		
9. COST ESTIMATES					
ITEM		U/M	QUANTITY	UNIT	COST
DORMITORY (96 RM)					6,140
DORMITORY		SM	3,168	1,904	(6,032)
ANTITERRORISM/FORCE PROTECTION		SM	3,168	34	(109)
SUPPORTING FACILITIES					2,830
UTILITIES		LS			(281)
PAVEMENTS		LS			(582)
SITE IMPROVEMENTS		LS			(194)
DEMOLITION		SM	4,670	265	(1,238)
COMMUNICATION SUPPORT		LS			(185)
SPECIAL FOUNDATIONS		LS			(350)
SUBTOTAL					8,970
CONTINGENCY (5.0%)					448
TOTAL CONTRACT COST					9,418
SUPERVISION, INSPECTION AND OVERHEAD (5.7%)					537
TOTAL REQUEST					9,955
TOTAL REQUEST (ROUNDED)					10,000
EQUIPMENT FROM OTHER APPROPRIATIONS (NON-ADD)					(750.0)
10. Description of Proposed Construction: Three-story structure with reinforced concrete foundation and floor slabs raised above flood plain, masonry walls, standing seam metal roof, utilities, HVAC, fire detection/protection, communication support, pavements, site improvements, landscaping, demolition of two facilities (4,670 SM), relocation of water/sewer/storm lines, and all other necessary support. Force protection will comply with DoD minimum standards. Air Conditioning: 70 Tons Grade Mix: E1-E4 96					
11. Requirement: 987 RM Adequate: 893 RM Substandard: 160 RM PROJECT: Construct a Dormitory (96 RM). (Current Mission) REQUIREMENT: A major Air Force objective is to provide unaccompanied enlisted personnel with housing conducive to their proper rest, relaxation, and personal well-being. Properly designed and furnished quarters providing individual privacy are essential to the successful accomplishment of the increasingly complicated and important jobs these people must perform. This project is in accordance with the Air Force Dormitory Master Plan (DMP). CURRENT SITUATION: The Air Force DMP established the need for a replacement dormitory. Facility condition assessments determined three of Langley's dormitories are degraded and require replacement. The dormitory to be replaced is plagued with inadequate lighting, poor insulation, insufficient sound attenuation, and obsolete electrical and mechanical systems. It does not conform to current fire protection standards, is inadequately sized, and does not provide private baths. The two facilities scheduled for demolition under this project are substandard dormitories located on the site of					

1. COMPONENT AIR FORCE	FY 2007 MILITARY CONSTRUCTION PROJECT DATA (computer generated)		2. DATE
3. INSTALLATION AND LOCATION LANGLEY AIR FORCE BASE, VIRGINIA		4. PROJECT TITLE DORMITORY (96 RM)	
5. PROGRAM ELEMENT 27596	6. CATEGORY CODE 721-312	7. PROJECT NUMBER MUHJ063001	8. PROJECT COST (\$000) 10,000
<p>this new facility. Special foundations are required as facility is located in a coastal tidal plain. Between the poor existing soils and hydraulic pressure (tides), foundations experience differing soil strengths which require special designs.</p> <p>IMPACT IF NOT PROVIDED: Adequate living quarters at a level of privacy required for today's airmen will not be available, resulting in degradation of morale, productivity, and career satisfaction for unaccompanied enlisted personnel.</p> <p>ADDITIONAL: Renovation of the existing dormitory to meet AF design standards exceeds 70% of the cost of a new facility. Thus, new construction was found to be the most cost efficient method. Because of this, a full economic analysis was not performed. A certificate of exception has been prepared. Unaccompanied Housing R&M Conducted: \$457K in FY04 and FY05 \$503K. Future Unaccompanied Housing R&M requirements (estimated): FY06 \$553K, FY07 \$609K, and FY08 \$670K. This project meets the criteria/scope specified in Air Force Handbook 32-1084, "Facility Requirements". Base Civil Engineer: Col Richard J. Wheeler, (757) 764-2025. (Dormitory: 3,168 SM = 34,087 SF)</p> <p>JOINT USE CERTIFICATION: This facility can be used by other components on an as available basis; however, the scope of the project is based on Air Force requirements.</p>			

1. COMPONENT AIR FORCE	FY 2007 MILITARY CONSTRUCTION PROJECT DATA (computer generated)		2. DATE
3. INSTALLATION AND LOCATION LANGLEY AIR FORCE BASE, VIRGINIA		4. PROJECT TITLE DORMITORY (96 RM)	
5. PROGRAM ELEMENT 27596	6. CATEGORY CODE 721-312	7. PROJECT NUMBER MUHJ063001	8. PROJECT COST (\$000) 10,000
12. SUPPLEMENTAL DATA:			
a. Estimated Design Data:			
(1) Status:			
(a) Date Design Started			04-MAY-05
(b) Parametric Cost Estimates used to develop costs			YES
* (c) Percent Complete as of 01 JAN 2006			15%
* (d) Date 35% Designed			10-AUG-05
(e) Date Design Complete			10-SEP-06
(f) Energy Study/Life-Cycle analysis was/will be performed			YES
(2) Basis:			
(a) Standard or Definitive Design -			NO
(b) Where Design Was Most Recently Used -			
(3) Total Cost (c) = (a) + (b) or (d) + (e):			(\$000)
(a) Production of Plans and Specifications			600
(b) All Other Design Costs			300
(c) Total			900
(d) Contract			750
(e) In-house			150
(4) Construction Contract Award			07 JAN
(5) Construction Start			07 FEB
(6) Construction Completion			08 NOV
* Indicates completion of Project Definition with Parametric Cost Estimate which is comparable to traditional 35% design to ensure valid scope, cost and executability.			
b. Equipment associated with this project provided from other appropriations:			
EQUIPMENT NOMENCLATURE	PROCURING APPROPRIATION	FISCAL YEAR APPROPRIATED OR REQUESTED	COST (\$000)
FURNISHINGS	3400	2007	750

1. COMPONENT AIR FORCE			FY 2007 MILITARY CONSTRUCTION PROGRAM						2. DATE		
INSTALLATION AND LOCATION FE WARREN AIR BASE WYOMING				COMMAND: AIR FORCE SPACE COMMAND			5. AREA CONST COST INDEX 1.01				
6. Personnel		PERMANENT			STUDENTS			SUPPORTED			TOTAL
Strength		OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV	
AS OF 30 SEP 05		517	2701	500	0	0	0	158	884	201	4,961
END FY 2010		517	2701	500	0	0	0	158	884	201	4,961
7. INVENTORY DATA (\$000)											
Total Acreage:		5,866									
Inventory Total as of : (30 Sep 05)										290,247	
Authorization Not Yet in Inventory:										0	
Authorization Requested in this Program:						(FY 2007)				11,000	
Authorization Included in the Following Program:						(FY 2008)				6,600	
Planned in Next Three Years Program:										50,170	
Remaining Deficiency:										96,055	
Grand Total:										454,072	
8. PROJECTS REQUESTED IN THIS PROGRAM: (FY 2007)											
CATEGORY		PROJECT TITLE		SCOPE		COST \$,000		DESIGN START		STATUS CMPL	
CODE											
721-312	Renovate Dorm 230			3,871 SM		11,000		Oct-05		Sep-06	
Total						11,000					
9a. Future Projects: Included in the Following Program: (FY2008)											
212-216	ADAL Missle Services Complex			1,438 SM		6,600					
Total						6,600					
9b. Future Projects: Typical Planned Next Three Years:											
721-312	Renovate Historic Dorm 236			3,022 SM		7,800					
871-183	Upgrade Storm Drainage			1 EA		10,000					
731-142	Consolidated Fire Station			2,504 SM		6,000					
730-441	Learning Center			3,716 SM		8,300					
730-839	Upgrade Gate 2			1 EA		4,870					
721-312	Dormitory Complex (144)			9,000 SM		9,700					
851-147	ADAL Primary Missile Routes			108,500 LM		3,500					
Total						50,170					
9c. Real Property Maintenance Backlog This Installation (\$M)										136.4	
10. Mission or Major Functions: F. E. Warren Air Force Base is the oldest continuously active military installation within the Air Force. It's home to the 90th Space Wing and Headquarters, 20th Air Force, of Air Force Space Command. Since 1986, Warren missile fields have maintained 150 Minuteman III missiles and the Air Force's only 50 Peacekeeper missiles defending America with the world's most powerful combat ready ICBM force.											
11. Outstanding pollution and Safety (OSHA) Deficiencies: (\$M)											
a. Air pollution										0	
b. Water Pollution										0	
c. Occupational Safety and Health										0	
d. Other Environmental										0	

1. COMPONENT AIR FORCE	FY 2007 MILITARY CONSTRUCTION PROJECT DATA (computer generated)			2. DATE	
3. INSTALLATION AND LOCATION FRANCIS E WARREN AIR FORCE BASE, WYOMING			4. PROJECT TITLE RENOVATE DORMITORY 230		
5. PROGRAM ELEMENT 35996	6. CATEGORY CODE 721-312	7. PROJECT NUMBER GHLN991620	8. PROJECT COST (\$000) 11,000		
9. COST ESTIMATES					
ITEM		U/M	QUANTITY	UNIT	COST
RENOVATE DORMITORY 230					9,172
INTERIOR DORMITORY RENOVATION/RECONFIGURATION		SM	3,871	1,485	(5,748)
EXTERIOR DORMITORY REPAIR/MAINTENANCE		SM	3,871	865	(3,346)
ANTITERRORISM/FORCE PROTECTION		SM	3,871	20	(77)
SUPPORTING FACILITIES					705
UTILITIES		LS			(215)
PAVEMENTS		LS			(78)
SITE IMPROVEMENTS		LS			(67)
ANTI-TERRORISM/FORCE PROTECTION MEASURES		LS			(150)
COMMUNICATIONS		LS			(195)
SUBTOTAL					9,877
CONTINGENCY (5.0%)					494
TOTAL CONTRACT COST					10,371
SUPERVISION, INSPECTION AND OVERHEAD (5.7%)					591
TOTAL REQUEST					10,962
TOTAL REQUEST (ROUNDED)					11,000
10. Description of Proposed Construction: Project includes all structural, mechanical, electrical and architectural work for the interior upgrade and exterior upkeep of one historic brick dormitory. Included are new finishes and fixtures, upgraded communications systems, asbestos and lead-based paint removal. The room configuration will change from the current "2 + 2" rooms (68 total) to the new standard 4-person module (56 total). Exterior work will include roof replacement, courtyard/exterior enhancement, brick tuckpointing, painting, window and historic porch repair. Comply with DoD force protection requirements per unified facilities criteria. Air Conditioning: 110 Tons Grade Mix: E1-E4 56					
11. Requirement: 3871 SM Adequate: 0 SM Substandard: 3871 SM PROJECT: Renovate Dormitory 230. (Current Mission) REQUIREMENT: Provide Air Force personnel with quarters that meet Air Force standards. Standards of adequacy include carpeting, good lighting and decorating, telephone and TV hookups in sleeping rooms and lounge areas, bathrooms shared by not more than two airmen, adequate lounges, laundry facilities and storage rooms. A facility exterior that is sound, well kept, and that instills a sense of pride in one's living quarters. A place that an airman can call "home". CURRENT SITUATION: Dormitory 230 is a building listed on the National Register of Historic Places. It is a two story, red brick, structurally sound facility constructed in 1908 as open-bay US Army Cavalry barracks. In the mid-1980s the barracks was converted from open bay to the room-bath-room dormitory configuration housing two airmen per room. This facility is no longer in compliance with Air Force dormitory configuration guidelines which require dormitories be in the "Dorms-for-Airmen (4-person					

1. COMPONENT AIR FORCE	FY 2007 MILITARY CONSTRUCTION PROJECT DATA (computer generated)		2. DATE
3. INSTALLATION AND LOCATION FRANCIS E WARREN AIR FORCE BASE, WYOMING		4. PROJECT TITLE RENOVATE DORMITORY 230	
5. PROGRAM ELEMENT 35996	6. CATEGORY CODE 721-312	7. PROJECT NUMBER GHLN991620	8. PROJECT COST (\$000) 11,000
<p>module)" configuration; nor does it conform to current quality of life standards. There also exists a relatively large operations and maintenance (O&M) burden due to aged heating, plumbing and electrical systems. In-house as well as contracted personnel are called upon to repair leaking potable water piping, heat system elements, and exterior structural building components including brick tuckpointing and roofing. This dormitory has an existing fire protection system, but it is no longer in compliance with current fire codes and must be replaced.</p> <p>IMPACT IF NOT PROVIDED: The new Air Force dormitory configuration guidelines will not be adhered to and Air Force quality of life standards will not be fully realized without the alteration of these facilities. Morale, productivity, and career satisfaction of the enlisted force will be degraded. Exorbitant maintenance costs will continue to be a burden on the overall O&M budget and Air Force policy to eliminate Tier 1 dorms by 2008 will not be met.</p> <p>ADDITIONAL: A preliminary analysis of reasonable options for accomplishing this project was done. Due to historic preservation restrictions, renovation is the only option that will meet operational requirements. A certificate of exception has been prepared. This project meets the criteria/scope specified within AFH 32-1084 "Facility Requirements." Fire protection system modifications within this project will be in accordance with standards established in Military Handbook 1008B, "Fire Protection for Facilities." Base Civil Engineer: Lt Col Joe G. Ballard, Commercial (307) 773-3600. Renovate dormitory: 3,871 SM = 41,667 SF. FY2004 Unaccompanied Housing RPM Conducted: \$15.8K; FY2005 Unaccompanied Housing RPM Conducted: \$16.8K. Future Unaccompanied Housing RPM Required (estimated): FY2006: \$36K; FY2007: \$40K; FY2008: \$48K.</p> <p>JOINT USE CERTIFICATION: This facility can be used by other components on an "as available" basis; however, the scope of the project is based on Air Force requirements.</p>			

1. COMPONENT AIR FORCE	FY 2007 MILITARY CONSTRUCTION PROJECT DATA (computer generated)		2. DATE
3. INSTALLATION AND LOCATION FRANCIS E WARREN AIR FORCE BASE, WYOMING		4. PROJECT TITLE RENOVATE DORMITORY 230	
5. PROGRAM ELEMENT 35996	6. CATEGORY CODE 721-312	7. PROJECT NUMBER GHLN991620	8. PROJECT COST (\$000) 11,000
12. SUPPLEMENTAL DATA:			
a. Estimated Design Data:			
(1) Status:			
(a) Date Design Started			10-OCT-05
(b) Parametric Cost Estimates used to develop costs			YES
* (c) Percent Complete as of 01 JAN 2006			15%
* (d) Date 35% Designed			10-MAR-06
(e) Date Design Complete			30-SEP-06
(f) Energy Study/Life-Cycle analysis was/will be performed			YES
(2) Basis:			
(a) Standard or Definitive Design -			NO
(b) Where Design Was Most Recently Used -			
(3) Total Cost (c) = (a) + (b) or (d) + (e):			(\$000)
(a) Production of Plans and Specifications			660
(b) All Other Design Costs			330
(c) Total			990
(d) Contract			825
(e) In-house			165
(4) Construction Contract Award			06 DEC
(5) Construction Start			07 FEB
(6) Construction Completion			08 APR
* Indicates completion of Project Definition with Parametric Cost Estimate which is comparable to traditional 35% design to ensure valid scope, cost and executability.			
b. Equipment associated with this project provided from other appropriations: N/A			

1. COMPONENT AIR FORCE	FY 2007 MILITARY CONSTRUCTION PROJECT DATA (computer generated)			2. DATE	
3. INSTALLATION AND LOCATION WW - UNSPECIFIED			4. PROJECT TITLE COMMON BATTLEFIELD AIRMAN TRAINING COMPLEX (AETC)		
5. PROGRAM ELEMENT 84731	6. CATEGORY CODE 179-371	7. PROJECT NUMBER QSEU053023	8. PROJECT COST (\$000) 14,200		
9. COST ESTIMATES					
ITEM		U/M	QUANTITY	UNIT	COST
COMMON BATTLEFIELD AIRMEN TRAINING COMPLEX					10,370
LATRINES/SHOWERS/LAUNDRY		SM	416	592	(246)
WATER SURVIVAL TRAINING FACILITY		SM	1,950	2,152	(4,196)
CLASSROOM FACILITIES		SM	1,394	1,076	(1,500)
ARMORY		SM	223	1,938	(432)
PHYSICAL FITNESS/COMBAT SKILLS TNG FAC		SM	348	1,076	(374)
RECREATION FACILITY		SM	348	1,076	(374)
DINING FACILITY		SM	409	2,152	(880)
BILLETING FACILITIES (CMU)		SM	1,665	403	(671)
COVERED PT/ASSEMBLY AREA		SM	929	430	(399)
OBSTACLE CRS & RAPPELLING TOWER/WALL		LS			(150)
COMMAND & CONTROL & INSTRUCTOR OFFICE FAC		SM	697	1,076	(750)
STORAGE FACILITIES (CLIMATE CNTL FOR MRE)		SM	348	1,076	(374)
STORAGE CONTAINER PADS		SM	134	161	(22)
SUPPORTING FACILITIES					2,482
UTILITIES		LS			(1,121)
PAVEMENTS		LS			(420)
SITE IMPROVEMENTS		LS			(755)
PARKING		SP	80	900	(72)
COMMUNICATIONS		LS			(114)
SUBTOTAL					12,852
CONTINGENCY (5.0%)					643
TOTAL CONTRACT COST					13,495
SUPERVISION, INSPECTION AND OVERHEAD (5.7%)					769
TOTAL REQUEST					14,264
TOTAL REQUEST (ROUNDED)					14,200
10. Description of Proposed Construction: Common Battlefield Airman Training (CBAT). The CBAT complex consists of a Cantonment Area and Land Training Areas. Work includes reinforced concrete foundation and floor slabs, CMU block or metal framed/metal sided walls, HVAC, communications, fire suppression, fencing, utilities, parking, access roads and site improvements. Facility space includes: armory, classrooms, offices, recreation and fitness facilities, billeting, dining, storage, latrines, covered bleacher seating, an enclosed water survival training facility, and all other support necessary to provide a complete and usable training complex. Comply with DoD force protection requirements per unified facilities criteria. Air Conditioning: 150 Tons					
11. Requirement: 8861 SM Adequate: 0 SM Substandard: 0 SM					

1. COMPONENT AIR FORCE	FY 2007 MILITARY CONSTRUCTION PROJECT DATA (computer generated)			2. DATE
3. INSTALLATION AND LOCATION WW - UNSPECIFIED			4. PROJECT TITLE COMMON BATTLEFIELD AIRMAN TRAINING COMPLEX (AETC)	
5. PROGRAM ELEMENT 84731	6. CATEGORY CODE 179-371	7. PROJECT NUMBER QSEU053023	8. PROJECT COST (\$000) 14,200	
<p>PROJECT: Construct a Common Battlefield Airman Training Complex (New Mission)</p> <p>REQUIREMENT: A USAF and AETC initiated Common Battlefield Airman Training (CBAT) complex that provides common ground combat and communication skills training for the following primary skills: Pararescue, Combat Rescue Officer, Combat Control Team, Special Tactics Officers, Combat Weather, Combat Weather Officers, and Tactical Air Control. Focus of the school will be physical training (to include water events), small team tactics, and fundamental knowledge refreshers (math physics) to prepare trainees for primary AFSC tech schools. CBAT will provide basic ground combat skills training in a deployed, field environment. Small arms weapons qualification, weapons employment, land navigation, self-aid and buddy care with CPR, communications, field craft skills and physical training. Training will be conducted for 25 days, 10 hours per day, 5 days per week. The scope of work includes new facilities to accommodate increased class loads and extended curriculum for Survival, Evasion, Resistance, and Escape (SERE) instructors.</p> <p>CURRENT SITUATION: Facilities do not currently exist to support CBAT. The SECAF directed the Close Air Support/Battlefield Airman (CAS/BA) integrated planning team (IPT) to investigate the feasibility of combined the battlefield training. The basic CBAT skills and a single course of action were selected at the CBAT Training Planning Team (TPT) held 14-15 Sep 04. The 37 TRG developed a strawman Course Training Standard (CTS) which was further refined by the BA IPT 8-9 Nov 04.</p> <p>IMPACT IF NOT PROVIDED: Without this project Airmen will continue to deploy to high-risk environments with insufficient training needed to survive and operate effectively in those conditions.</p> <p>ADDITIONAL: There is no criteria/scope for this project in Part II of Military Handbook 1190, Facility Planning and Design Guide or in AFH 32-1084, Standard Facility Requirements Handbook. All known alternative options including conversion, leasing and status quo were considered during the development of this project. No other option could meet the mission requirements; therefore, an economic analysis was not performed. A certificate of exception has been prepared. POC: Maj Allen Thibeaux DSN 487-7521; 8,861 SM = 95,379 SF.</p> <p>JOINT USE CERTIFICATION: This facility can be used by other components on an as available basis; however, the scope of the project is based on Air Force requirements.</p>				

1. COMPONENT AIR FORCE	FY 2007 MILITARY CONSTRUCTION PROJECT DATA (computer generated)		2. DATE
3. INSTALLATION AND LOCATION WW - UNSPECIFIED		4. PROJECT TITLE COMMON BATTLEFIELD AIRMAN TRAINING COMPLEX (AETC)	
5. PROGRAM ELEMENT 84731	6. CATEGORY CODE 179-371	7. PROJECT NUMBER QSEU053023	8. PROJECT COST (\$000) 14,200
12. SUPPLEMENTAL DATA:			
a. Estimated Design Data:			
(1) Status:			
(a) Date Design Started			15-AUG-05
(b) Parametric Cost Estimates used to develop costs			YES
* (c) Percent Complete as of 01 JAN 2006			15%
* (d) Date 35% Designed			30-NOV-05
(e) Date Design Complete			30-SEP-06
(f) Energy Study/Life-Cycle analysis was/will be performed			YES
(2) Basis:			
(a) Standard or Definitive Design -			NO
(b) Where Design Was Most Recently Used -			
(3) Total Cost (c) = (a) + (b) or (d) + (e):			(\$000)
(a) Production of Plans and Specifications			852
(b) All Other Design Costs			426
(c) Total			1,278
(d) Contract			1,065
(e) In-house			213
(4) Construction Contract Award			07 JAN
(5) Construction Start			07 MAR
(6) Construction Completion			08 JUN
* Indicates completion of Project Definition with Parametric Cost Estimate which is comparable to traditional 35% design to ensure valid scope, cost and executability.			
b. Equipment associated with this project provided from other appropriations: N/A			

1. COMPONENT AIR FORCE	FY 2007 MILITARY CONSTRUCTION PROJECT DATA (computer generated)			2. DATE	
3. INSTALLATION AND LOCATION CLASSIFIED LOCATION		4. PROJECT TITLE SPECIAL EVALUATION PROGRAM			
5. PROGRAM ELEMENT 27248	6. CATEGORY CODE 215-554	7. PROJECT NUMBER PAYZ070004	8. PROJECT COST (\$000) 4,600		
9. COST ESTIMATES					
ITEM		U/M	QUANTITY	UNIT	COST
SPECIAL EVALUATION PROGRAM					4,600
SPECIAL EVALUATION PROGRAM		LS			(4,600)
SUPPORTING FACILITIES					0
SUBTOTAL					4,600
TOTAL CONTRACT COST					4,600
TOTAL REQUEST					4,600
TOTAL REQUEST (ROUNDED)					4,600
10. Description of Proposed Construction:					
11. Requirement: LS Adequate: LS Substandard: LS PROJECT: As required. REQUIREMENT: Special access required.					

1. COMPONENT AIR FORCE	FY 2007 MILITARY CONSTRUCTION PROJECT DATA (computer generated)		2. DATE
3. INSTALLATION AND LOCATION CLASSIFIED LOCATION		4. PROJECT TITLE SPECIAL EVALUATION PROGRAM	
5. PROGRAM ELEMENT 27248	6. CATEGORY CODE 215-554	7. PROJECT NUMBER PAYZ070004	8. PROJECT COST (\$000) 4,600
12. SUPPLEMENTAL DATA:			
a. Estimated Design Data:			
(1) Status:			
(a) Date Design Started			
(b) Parametric Cost Estimates used to develop costs			YES
* (c) Percent Complete as of 01 JAN 2006			
* (d) Date 35% Designed			
(e) Date Design Complete			
(f) Energy Study/Life-Cycle analysis was/will be performed			NO
(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			0
(b) All Other Design Costs			0
(c) Total			0
(d) Contract			0
(e) In-house			0
(4) Construction Contract Award			
(5) Construction Start			
(6) Construction Completion			
* Indicates completion of Project Definition with Parametric Cost Estimate which is comparable to traditional 35% design to ensure valid scope, cost and executability.			
b. Equipment associated with this project provided from other appropriations: N/A			

1. COMPONENT AIR FORCE	FY 2007 MILITARY CONSTRUCTION PROJECT DATA (computer generated)			2. DATE	
3. INSTALLATION AND LOCATION CLASSIFIED LOCATION		4. PROJECT TITLE SPECIAL TACTICAL UNIT DETACHMENT FACILITY			
5. PROGRAM ELEMENT 27248	6. CATEGORY CODE 999-999	7. PROJECT NUMBER PAYZ070007	8. PROJECT COST (\$000) 3,377		
9. COST ESTIMATES					
ITEM		U/M	QUANTITY	UNIT	COST
PRIMARY FACILITIES					3,377
SPECIAL TACTICAL UNIT DETACHMENT FACILITY		LS			(3,377)
SUPPORTING FACILITIES					0
SUBTOTAL					3,377
TOTAL CONTRACT COST					3,377
SUPERVISION, INSPECTION AND OVERHEAD (6.5%)					220
TOTAL REQUEST					3,597
TOTAL REQUEST (ROUNDED)					3,377
10. Description of Proposed Construction:					
11. Requirement: LS Adequate: LS Substandard: LS PROJECT: As required. REQUIREMENT: Special Access Required.					

1. COMPONENT AIR FORCE	FY 2007 MILITARY CONSTRUCTION PROJECT DATA (computer generated)		2. DATE
3. INSTALLATION AND LOCATION CLASSIFIED LOCATION		4. PROJECT TITLE SPECIAL TACTICAL UNIT DETACHMENT FACILITY	
5. PROGRAM ELEMENT 27248	6. CATEGORY CODE 999-999	7. PROJECT NUMBER PAYZ070007	8. PROJECT COST (\$000) 3,377
<p>12. SUPPLEMENTAL DATA:</p> <p>a. Estimated Design Data:</p> <p>(1) Status:</p> <p>(a) Date Design Started</p> <p>(b) Parametric Cost Estimates used to develop costs YES</p> <p>* (c) Percent Complete as of 01 JAN 2006</p> <p>* (d) Date 35% Designed</p> <p>(e) Date Design Complete</p> <p>(f) Energy Study/Life-Cycle analysis was/will be performed NO</p> <p>(2) Basis:</p> <p>(a) Standard or Definitive Design - NO</p> <p>(b) Where Design Was Most Recently Used -</p> <p>(3) Total Cost (c) = (a) + (b) or (d) + (e): (\$000)</p> <p>(a) Production of Plans and Specifications 0</p> <p>(b) All Other Design Costs 0</p> <p>(c) Total 0</p> <p>(d) Contract 0</p> <p>(e) In-house 0</p> <p>(4) Construction Contract Award</p> <p>(5) Construction Start</p> <p>(6) Construction Completion</p> <p>* Indicates completion of Project Definition with Parametric Cost Estimate which is comparable to traditional 35% design to ensure valid scope, cost and executability.</p> <p>b. Equipment associated with this project provided from other appropriations: N/A</p>			

1. COMPONENT AIR FORCE	FY 2007 MILITARY CONSTRUCTION PROJECT DATA (computer generated)			2. DATE	
3. INSTALLATION AND LOCATION CLASSIFIED LOCATION		4. PROJECT TITLE CLASSIFIED MILCON PROJECT			
5. PROGRAM ELEMENT 27248	6. CATEGORY CODE 111-111	7. PROJECT NUMBER PAYZ070003	8. PROJECT COST (\$000) 1,700		
9. COST ESTIMATES					
ITEM		U/M	QUANTITY	UNIT	COST
CLASSIFIED MILCON PROJECT					1,700
CLASSIFIED MILCON PROJECT		LS			(1,700)
SUPPORTING FACILITIES					0
SUBTOTAL					1,700
TOTAL CONTRACT COST					1,700
TOTAL REQUEST					1,700
TOTAL REQUEST (ROUNDED)					1,700
10. Description of Proposed Construction:					
11. Requirement: Adequate: Substandard:					
<u>PROJECT:</u> As required.					
<u>REQUIREMENT:</u> Special access required.					

1. COMPONENT AIR FORCE	FY 2007 MILITARY CONSTRUCTION PROJECT DATA (computer generated)		2. DATE
3. INSTALLATION AND LOCATION CLASSIFIED LOCATION		4. PROJECT TITLE CLASSIFIED MILCON PROJECT	
5. PROGRAM ELEMENT 27248	6. CATEGORY CODE 111-111	7. PROJECT NUMBER PAYZ070003	8. PROJECT COST (\$000) 1,700
<p>12. SUPPLEMENTAL DATA:</p> <p>a. Estimated Design Data:</p> <p>(1) Project to be accomplished by design-build procedures</p> <p>(2) Basis:</p> <p>(a) Standard or Definitive Design - NO</p> <p>(b) Where Design Was Most Recently Used -</p> <p>(3) All Other Design Costs 0</p> <p>(4) Construction Contract Award</p> <p>(5) Construction Start</p> <p>(6) Construction Completion</p> <p>(7) Energy Study/Life-Cycle analysis was/will be performed NO</p> <p>b. Equipment associated with this project provided from other appropriations: N/A</p>			

1. COMPONENT AIR FORCE		FY 2007 MILITARY CONSTRUCTION PROGRAM					2. DATE 12/22/05				
3. INSTALLATION AND LOCATION RAMSTEIN AIR BASE, GERMANY			4. COMMAND: US AIR FORCES EUROPE			5. AREA CONST COST INDEX 1.20					
6. Personnel		PERMANENT		STUDENTS			SUPPORTED				
Strength		OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV	TOTAL
AS OF 22 Dec 05		1770	7985	3395	0	0	0	0	0	11,062	24,212
END FY 2009											
7. INVENTORY DATA (\$000)											
a. Total Acreage:		5,028									
b. Inventory Total as of : (22 Dec 05)							3,659,323				
c. Authorization Not Yet in Inventory:							558,550				
d. Authorization Requested in this Program:							53,150				
e. Authorization Included in the Following Program: (FY 2008)							34,460				
f. Planned in Next Three Years Program:							41,500				
g. Remaining Deficiency:							396,680				
h. Grand Total:							4,743,663				
8. PROJECTS REQUESTED IN THIS PROGRAM: (FY 2007)											
CATEGORY											
CODE		PROJECT TITLE			SCOPE		COST \$,000	DESIGN START	STATUS CMPL		
113-321		Ramp 1, Phase 2			77,000 SM		27,850	May-05	Sep-06		
211-111		C-130J Dual-Bay Maintenance Hangar			6,900 SM		22,000	May-05	Sep-06		
442-758		C-130J Aircraft Parts Storage			1,700 SM		3,300	May-05	Sep-06		
		Total					53,150				
9a. Future Projects: Included in the Following Program: (FY2008)											
141-786		Joint Mobility Processing Center			7,315 SM		23,900				
422-264		Small Diameter Bombs Fac, Ph 2			1,350 SM		10,560				
		Total					34,460				
9b. Future Projects: Typical Planned Next Three Years:											
218-712 FY09		AGE Maintenance Complex			4,000 SM		9,900				
141-454 FY10		Contingency Response Group, PH. II			7,700 SM		20,400				
141-753 FY11		Squad OPS/AMU 37AS			3,561 SM		11,200				
		Total					41,500				
9c. Real Property Maintenance Backlog This Installation (\$M) 175											
10. Mission or Major Functions: A host airlift wing supporting a C-130E squadron and a squadron composed of C-20A, and C-21A aircraft; Headquarters, United States Air Forces in Europe; and NATO Command Component Air HQ Ramstein, GE.											
11. Outstanding pollution and Safety (OSHA) Deficiencies:											
a. Air pollution:							0				
b. Water Pollution:							0				
c. Occupational Safety and Health							0				
d. Other Environmental:							0				

1. COMPONENT AIR FORCE	FY 2007 MILITARY CONSTRUCTION PROJECT DATA (computer generated)			2. DATE	
3. INSTALLATION AND LOCATION RAMSTEIN AIR BASE, GERMANY			4. PROJECT TITLE RAMP 1, PHASE II		
5. PROGRAM ELEMENT 27596	6. CATEGORY CODE 113-321	7. PROJECT NUMBER TYFR0330412	8. PROJECT COST (\$000) 27,850		
9. COST ESTIMATES					
ITEM		U/M	QUANTITY	UNIT	COST
RAMP 1, PHASE II					13,175
APRON		SM	77,000	150	(11,573)
PAVED SHOULDERS		SM	16,000	100	(1,602)
SUPPORTING FACILITIES					11,628
STORM WATER COLLECTION SYSTEM		LS			(405)
SITE IMPROVEMENTS		LS			(1,604)
APRON LIGHTING & FIRE HYDRANTS		LS			(803)
ENVIRONMENTAL REMEDIATION		LS			(657)
RELOCATE UTILITIES/COMM/POL PIPELINE/ROAD		LS			(2,326)
PASSIVE FORCE PROTECTION MEASURES		LS			(49)
REPLACE JP-8 FUEL STORAGE TANK		LS			(4,511)
REFORESTATION		LS			(67)
DEMOLISH 2001 (AC SHELTER)		SM	527	267	(140)
DEMOLISH 2021, 2079, 2098 (FACILITIES)		SM	188	192	(36)
DEMOLISH POL TANK		LS			(705)
DEMOLISH APRON		SM	3,614	90	(325)
SUBTOTAL					24,803
CONTINGENCY (5.0%)					1,240
TOTAL CONTRACT COST					26,043
SUPERVISION, INSPECTION AND OVERHEAD (6.5%)					1,693
TOTAL REQUEST					27,736
TOTAL REQUEST (ROUNDED)					27,850
10. Description of Proposed Construction: All civil, structural, electrical, utility and communication work necessary to construct a 77,000 SM concrete apron and 16,000 SM paved shoulders to include striping, lighting, and fire hydrants. Also includes relocating and extending utilities, communications, POL pipelines, a JP-8 tank, as well as environmental remediation, and demolition of 715 SM of facilities and 3,614 SM of Apron. This project will comply with DoD antiterrorism/force protection requirements per unified facilities criteria and regional force protection standards.					
11. Requirement: 243376 SM Adequate: 0 SM Substandard: 55234 SM PROJECT: Construct Ramp 1. (Current Mission) REQUIREMENT: The apron is required to provide space for adequate aircraft parking, servicing and loading of assigned C-130J-30 Tactical Transport Aircraft. Ramstein will receive the first stretched C-130s in FY 09 as assigned mission aircraft. Moving the assigned aircraft to an area best suited for their type is required to promote a safe work environment and minimize potential mishaps. This is the second phase of a four-phase project and provides parking for ten C-130J-30 aircraft. Phases I-III will be MILCON funded, HQ USAFE is requesting NATO Security Investment Program (NSIP) funds for the fourth phase. The supporting facilities costs exceed 25% of the primary facilities					

1. COMPONENT AIR FORCE	FY 2007 MILITARY CONSTRUCTION PROJECT DATA (computer generated)			2. DATE
3. INSTALLATION AND LOCATION RAMSTEIN AIR BASE, GERMANY			4. PROJECT TITLE RAMP 1, PHASE II	
5. PROGRAM ELEMENT 27596	6. CATEGORY CODE 113-321	7. PROJECT NUMBER TYFR0330412	8. PROJECT COST (\$000) 27,850	
<p>costs due to the ramp being constructed in a former fighter aircraft area, consisting of hardened aircraft shelters, taxi-tracks, as well as JP-8 storage facilities and utility runs, some of which have to be demolished, relocated, or replaced.</p> <p>CURRENT SITUATION: The existing Ramp 1 was designed and constructed for tactical fighter aircraft in 1984, when Ramstein AB was still operating as the 86 Tactical Fighter Wing with F-16 fighter aircraft assigned. In 1994 Ramstein AB's mission changed from the 86 Tactical Fighter Wing to the 86 Airlift Wing (AW) with C-130 as the assigned mission aircraft. The current ramp configuration does not allow for sufficient parking of the base's assigned C-130 Tactical Transport Aircraft fleet consisting of 19 aircraft. Currently, Ramstein AB has only seven C-130 spots on Ramp 2 and ten on Ramp 1. This split-ramp configuration for parking and operations forces a constant juggling of locally assigned C-130 aircraft between parking spots available on the ramps and in maintenance hangars. Additionally, This configuration violates many requirements of UFC 3-260-01 (Airfield & Heliport Planning and Design) including wing tip clearances, thus causing additional workload in towing operations and the need for wing walkers due to inadequate ramp configurations. Ramstein will also lose several parking spots in the Southeast Area of the airfield due the widening and lengthening of Taxiway India, which will be used as the Main Runway.</p> <p>IMPACT IF NOT PROVIDED: Ramstein's mission critical Tactical Transport Aircraft fleet will continue to be put at high risk for potential damage and mishaps due to inadequate parking spots. As the only Tactical Airlift Wing within the European region, any impact to operations will severely hamper the wing's ability to effectively perform its assigned mission in a timely manner, especially during contingency and wartime operations. Delayed quick-turn of tactical airlift sorties cannot meet mission requirements. Many violations of UFC-3-260-01, "Airfield & Heliport Planning and Design", and one explosive clear zone waiver continue to exist due to aircraft being parked too in inadequate locations.</p> <p>ADDITIONAL: This project is not eligible for NATO funding; however, a precautionary prefinance statement will be filed in the event eligibility is established. This project meets the criteria/scope specified in AFH 32-1084, "Facility Requirements". A preliminary analysis of reasonable options was accomplished comparing alternatives of status quo, addition/alteration, and new construction. It indicates there is only one option that will meet mission; therefore, a full economic analysis was not performed. A certificate of exemption has been prepared. Col Carlos R. Cruz-Gonzalez, DSN 314-480-6228, comm 011-49-6371-47-6228. Apron: 77,000 SM = 828,821 SF; Shoulders: 16,000 SM = 172,223 SF.</p> <p>FOREIGN CURRENCY: FCF Budget Rate Used: EURO-DOLLAR .8785</p> <p>JOINT USE CERTIFICATION: This facility can be used by other components on an "as available" basis; however, the scope of the project is based on Air Force requirements.</p>				

1. COMPONENT AIR FORCE	FY 2007 MILITARY CONSTRUCTION PROJECT DATA (computer generated)		2. DATE
3. INSTALLATION AND LOCATION RAMSTEIN AIR BASE, GERMANY		4. PROJECT TITLE RAMP 1, PHASE II	
5. PROGRAM ELEMENT 27596	6. CATEGORY CODE 113-321	7. PROJECT NUMBER TYFR0330412	8. PROJECT COST (\$000) 27,850
12. SUPPLEMENTAL DATA:			
a. Estimated Design Data:			
(1) Status:			
(a) Date Design Started			10-MAY-05
(b) Parametric Cost Estimates used to develop costs			YES
* (c) Percent Complete as of 01 JAN 2006			15%
* (d) Date 35% Designed			10-AUG-05
(e) Date Design Complete			15-SEP-06
(f) Energy Study/Life-Cycle analysis was/will be performed			YES
(2) Basis:			
(a) Standard or Definitive Design -			NO
(b) Where Design Was Most Recently Used -			
(3) Total Cost (c) = (a) + (b) or (d) + (e):			(\$000)
(a) Production of Plans and Specifications			1,671
(b) All Other Design Costs			836
(c) Total			2,507
(d) Contract			2,228
(e) In-house			279
(4) Construction Contract Award			07 JAN
(5) Construction Start			07 FEB
(6) Construction Completion			09 FEB
* Indicates completion of Project Definition with Parametric Cost Estimate which is comparable to traditional 35% design to ensure valid scope, cost and executability.			
b. Equipment associated with this project provided from other appropriations: N/A			

1. COMPONENT AIR FORCE	FY 2007 MILITARY CONSTRUCTION PROJECT DATA (computer generated)			2. DATE	
3. INSTALLATION AND LOCATION RAMSTEIN AIR BASE, GERMANY			4. PROJECT TITLE C-130J DUAL-BAY MAINTENANCE HANGAR		
5. PROGRAM ELEMENT 41132	6. CATEGORY CODE 211-111	7. PROJECT NUMBER TYFR073093	8. PROJECT COST (\$000) 22,000		
9. COST ESTIMATES					
ITEM		U/M	QUANTITY	UNIT	COST
C-130J DUAL-BAY MAINTENANCE HANGAR					17,172
HANGAR		SM	6,900	2,276	(15,704)
APRON		SM	6,480	137	(888)
ANTITERRORISM/FORCE PROTECTION		SM	6,900	22	(152)
INTERIOR COMMUNICATION		SM	6,900	62	(428)
SUPPORTING FACILITIES					2,567
UTILITIES		LS			(530)
STORMWATER DRAINAGE		LS			(230)
ENVIRONMENTAL SUPPORT		LS			(40)
PASSIVE FORCE PROTECTION MEASURES		LS			(58)
EXTERIOR COMMUNICATION SUPPORT		LS			(540)
DEMOLITION		SM	1,730	311	(539)
SITE IMPROVEMENTS		LS			(630)
SUBTOTAL					19,739
CONTINGENCY (5.0%)					987
TOTAL CONTRACT COST					20,725
SUPERVISION, INSPECTION AND OVERHEAD (6.5%)					1,347
TOTAL REQUEST					22,073
TOTAL REQUEST (ROUNDED)					22,000
EQUIPMENT FROM OTHER APPROPRIATIONS (NON-ADD)					(501.0)
10. Description of Proposed Construction: All civil, structural, mechanical, electrical, and communication supporting work necessary for the construction of a dual-bay maintenance hangar to accommodate C-130 aircraft. Scope of work also includes a receiving apron, fire suppression system, environmental support and storm water drainage, demolition of buildings (1,535 SM), as well as AT/FP measures. Building construction will be high bay with concrete foundations, floor slab, multi-structural steel frame with insulated metal walls, and free span pitched roof. The work shall include all other necessary support and must be in compliance with current US Air Force and German regulations.					
11. Requirement: 6900 SM Adequate: 0 SM Substandard: 5496 SM					
PROJECT: Construct C-130 dual-bay maintenance hangar. (New Mission)					
REQUIREMENT: A permanent dual-bay maintenance hangar of adequate size and configuration is required to provide all-weather maintenance capability for periodic scheduled and unscheduled maintenance of the C-130. Project must comply with regional anti-terrorism force protection standards, as well as safety standards.					
CURRENT SITUATION: The currently existing aircraft maintenance hangars on Ramstein AB were designed and built in the 1950's for fighter aircraft. They were partially modified in 1994 to support phased maintenance of C-130 transport aircraft, due to the transition of Ramstein AB from a former fighter wing to a tactical airlift wing. Safety					

1. COMPONENT AIR FORCE	FY 2007 MILITARY CONSTRUCTION PROJECT DATA (computer generated)		2. DATE
3. INSTALLATION AND LOCATION RAMSTEIN AIR BASE, GERMANY		4. PROJECT TITLE C-130J DUAL-BAY MAINTENANCE HANGAR	
5. PROGRAM ELEMENT 41132	6. CATEGORY CODE 211-111	7. PROJECT NUMBER TYFR073093	8. PROJECT COST (\$000) 22,000
<p>standards require periodic maintenance inspections critical to the mission and require aircrafts to be in the hangars for up to ten days. Realignment of the existing Ramstein airfield in conjunction with the Rhein Main Transition Program requires relocation of the existing C-130 hangars to meet mission requirements.</p> <p>IMPACT IF NOT PROVIDED: The Airlift Wing will not be able to adequately maintain assigned, transient, and TDY C-130 aircraft. These circumstances will lead to uncompleted required periodic maintenance or testing. Aircraft components will fail due to lack of proper maintenance and eventually cease to operate. Failure to support this vital requirement will jeopardize the overall readiness and mission performance of the 86 AW and other associated contingency and wartime tactical airlift missions, leading to adverse impacts, negatively affecting European and Middle East theater mission capabilities. This will be one of the key factors for the successful mission accomplishment of the base's new role as the primary strategic and tactical airlift hub for the European theater.</p> <p>ADDITIONAL: A portion of this project may be NATO eligible, and a precautionary prefinancing statement will be submitted to NATO in the event future eligibility is supported by the NATO Infrastructure Committee. This project meets the criteria/scope specified in AFH 32-1084, "Facility Requirements". A preliminary analysis of reasonable options was done and indicated that only one option meets operational requirements. Therefore an economic analysis was not performed. A certificate of exception has been prepared. BASE CIVIL ENGINEER: Col. Carlos R. Cruz-Gonzalez, DSN 314-480-6228, comm 011-49-6371-47-6228. (Hangar: 6,900 SM = 74,271 SF, Apron: 6,480 SM = 69,750 SF).</p> <p>FOREIGN CURRENCY: FCF Budget Rate Used: EURO-DOLLAR .8785</p> <p>JOINT USE CERTIFICATION: This facility can be used by other components on an "as available" basis; however, the scope of the project is based on Air Force requirements.</p>			

1. COMPONENT AIR FORCE	FY 2007 MILITARY CONSTRUCTION PROJECT DATA (computer generated)		2. DATE
3. INSTALLATION AND LOCATION RAMSTEIN AIR BASE, GERMANY		4. PROJECT TITLE C-130J DUAL-BAY MAINTENANCE HANGAR	
5. PROGRAM ELEMENT 41132	6. CATEGORY CODE 211-111	7. PROJECT NUMBER TYFR073093	8. PROJECT COST (\$000) 22,000
12. SUPPLEMENTAL DATA:			
a. Estimated Design Data:			
(1) Status:			
(a) Date Design Started			10-MAY-05
(b) Parametric Cost Estimates used to develop costs			YES
* (c) Percent Complete as of 01 JAN 2006			15%
* (d) Date 35% Designed			10-AUG-05
(e) Date Design Complete			10-SEP-06
(f) Energy Study/Life-Cycle analysis was/will be performed			NO
(2) Basis:			
(a) Standard or Definitive Design -			NO
(b) Where Design Was Most Recently Used -			
(3) Total Cost (c) = (a) + (b) or (d) + (e):			(\$000)
(a) Production of Plans and Specifications			1,320
(b) All Other Design Costs			660
(c) Total			1,980
(d) Contract			1,760
(e) In-house			220
(4) Construction Contract Award			07 JAN
(5) Construction Start			07 FEB
(6) Construction Completion			09 FEB
* Indicates completion of Project Definition with Parametric Cost Estimate which is comparable to traditional 35% design to ensure valid scope, cost and executability.			
b. Equipment associated with this project provided from other appropriations:			
EQUIPMENT NOMENCLATURE	PROCURING APPROPRIATION	FISCAL YEAR APPROPRIATED OR REQUESTED	COST (\$000)
COMMUNICATIONS EQUIPMENT	3080	2007	501

1. COMPONENT AIR FORCE	FY 2007 MILITARY CONSTRUCTION PROJECT DATA (computer generated)			2. DATE	
3. INSTALLATION AND LOCATION RAMSTEIN AIR BASE, GERMANY			4. PROJECT TITLE C-130J AIRCRAFT PARTS STORAGE		
5. PROGRAM ELEMENT 41132	6. CATEGORY CODE 442-758	7. PROJECT NUMBER TYFR0730921	8. PROJECT COST (\$000) 3,300		
9. COST ESTIMATES					
ITEM		U/M	QUANTITY	UNIT	COST
C-130J AIRCRAFT PARTS STORAGE					2,375
WAREHOUSE, HIGH BAY		SM	1,700	1,343	(2,283)
ANTITERRORISM/FORCE PROTECTION		SM	1,700	14	(24)
INTERIOR COMMUNICATION SUPPORT		SM	1,700	40	(68)
SUPPORTING FACILITIES					594
UTILITIES		LS			(130)
PAVEMENTS		LS			(130)
SITE IMPROVEMENTS		LS			(100)
STORM WATER DRAINAGE		LS			(30)
ENVIRONMENTAL SUPPORT		LS			(10)
PASSIVE FORCE PROTECTION MEASURES		LS			(18)
EXTERIOR COMMUNICATION SUPPORT		LS			(40)
DEMOLITION (FACILITY)		SM	29	257	(7)
DEMOLITION (PAVEMENT)		SM	500	257	(129)
SUBTOTAL					2,969
CONTINGENCY (5.0%)					148
TOTAL CONTRACT COST					3,117
SUPERVISION, INSPECTION AND OVERHEAD (6.5%)					203
TOTAL REQUEST					3,320
TOTAL REQUEST (ROUNDED)					3,300
EQUIPMENT FROM OTHER APPROPRIATIONS (NON-ADD)					(201.0)
10. Description of Proposed Construction: All civil, structural, mechanical, electrical, and communication supporting work necessary for the construction of an adequate warehouse to store C-130 aircraft parts. Scope of work also includes connecting pavements, fire suppression system, environmental support and storm water drainage, demolition of buildings (29 SM), as well as AT/FP measures. Building construction will be high bay with concrete foundations, floor slab, multi-structural steel frame with insulated metal walls, and free span pitched roof. The work shall include all other necessary support and must be in compliance with current US Air Force and German regulations.					
11. Requirement: 4560 SM Adequate: 0 SM Substandard: 2352 SM PROJECT: Construct a C-130 Aircraft Parts Storage facility. (New Mission) REQUIREMENT: A one-stop flightline aircrafts parts storage facility is required for processing and storage of aircraft parts and equipment in direct support of aircraft maintenance, adjacent to the newly constructed Ramp 1. This project enables the 435th Logistics Readiness Squadron (435th LRS) to store all parts in a centralized location on the flightline ensuring expedited service to the maintainers. Project must comply with regional AT/FP standards, as well as safety standards. CURRENT SITUATION: The 435th LRS would be unable to meet the demands of immediate					

1. COMPONENT AIR FORCE	FY 2007 MILITARY CONSTRUCTION PROJECT DATA (computer generated)		2. DATE
3. INSTALLATION AND LOCATION RAMSTEIN AIR BASE, GERMANY		4. PROJECT TITLE C-130J AIRCRAFT PARTS STORAGE	
5. PROGRAM ELEMENT 41132	6. CATEGORY CODE 442-758	7. PROJECT NUMBER TYFR0730921	8. PROJECT COST (\$000) 3,300
<p>access to retrieve/deliver aircraft parts to the maintainers, thus failing to fulfill the assigned mission. Due to the current location of the warehouses on the north side of the base, regular on-time delivery to flightline maintenance organizations would be impossible and would cause aircraft departure delays or aircraft grounding for extended lengths of time. The vehicle delivery route would have to travel through the most traffic-congested areas to bring merchandise to the aircraft maintenance hangars at the flightline areas. Priority requests for parts, demanding delivery within thirty minutes from the time called-in, would not be met. Currently, aircraft parts are partially stored in buildings 2127 and 2128. Pallets must be removed from their temporary location in order to access other material stored in the vicinity. This requires additional man-hours and additional equipment to maneuver the stored items.</p> <p>IMPACT IF NOT PROVIDED: Ground time for aircraft would be extended due to long delivery time for maintenance parts from the warehouses at the north side of the base to the maintenance hangars on the flightline. Materiel support operations would continue in undersized, inefficient facilities. Equipment and supplies would be stored in various locations and substandard facilities. Logistics personnel would continue to work in overcrowded facilities impacting morale and productivity.</p> <p>ADDITIONAL: A portion of this project may be NATO eligible, and a precautionary prefinancing statement will be submitted to NATO in the event future eligibility is supported by the NATO Infrastructure Committee. This project meets the criteria/scope specified in AFH 32-1084, "Facility Requirements". A preliminary analysis of reasonable options was done and indicated that only one option meets operational requirements. Therefore an economic analysis was not performed. A certificate of exception has been prepared. BASE CIVIL ENGINEER: Col. Carlos R. Cruz-Gonzalez, DSN 314-480-6228, comm 011-49-6371-47-6228. (Warehouse, High Bay: 1,700SM = 18,298SF).</p> <p>FOREIGN CURRENCY: FCF Budget Rate Used: EURO-DOLLAR .8785</p> <p>JOINT USE CERTIFICATION: This facility can be used by other components on an "as available" basis; however, the scope of the project is based on Air Force requirements.</p>			

1. COMPONENT AIR FORCE	FY 2007 MILITARY CONSTRUCTION PROJECT DATA (computer generated)		2. DATE
3. INSTALLATION AND LOCATION RAMSTEIN AIR BASE, GERMANY		4. PROJECT TITLE C-130J AIRCRAFT PARTS STORAGE	
5. PROGRAM ELEMENT 41132	6. CATEGORY CODE 442-758	7. PROJECT NUMBER TYFR0730921	8. PROJECT COST (\$000) 3,300
12. SUPPLEMENTAL DATA:			
a. Estimated Design Data:			
(1) Status:			
(a) Date Design Started			10-MAY-05
(b) Parametric Cost Estimates used to develop costs			YES
* (c) Percent Complete as of 01 JAN 2006			15%
* (d) Date 35% Designed			10-AUG-05
(e) Date Design Complete			10-SEP-06
(f) Energy Study/Life-Cycle analysis was/will be performed			YES
(2) Basis:			
(a) Standard or Definitive Design -			NO
(b) Where Design Was Most Recently Used -			
(3) Total Cost (c) = (a) + (b) or (d) + (e):			(\$000)
(a) Production of Plans and Specifications			198
(b) All Other Design Costs			99
(c) Total			297
(d) Contract			264
(e) In-house			33
(4) Construction Contract Award			07 JAN
(5) Construction Start			07 MAR
(6) Construction Completion			08 MAR
* Indicates completion of Project Definition with Parametric Cost Estimate which is comparable to traditional 35% design to ensure valid scope, cost and executability.			
b. Equipment associated with this project provided from other appropriations:			
EQUIPMENT NOMENCLATURE	PROCURING APPROPRIATION	FISCAL YEAR APPROPRIATED OR REQUESTED	COST (\$000)
SHELVING	3080	2007	181
COMMUNICATION EQUIPMENT	3400	2007	20

1. COMPONENT AIR FORCE			FY 2007 MILITARY CONSTRUCTION PROGRAM						2. DATE		
INSTALLATION AND LOCATION ANDERSEN AIR FORCE BASE GUAM				COMMAND: PACIFIC AIR FORCES			5. AREA CONST COST INDEX 2.64				
6. Personnel		PERMANENT			STUDENTS			SUPPORTED			TOTAL
Strength		OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV	
AS OF 30 SEP 05		221	2,002	734	0	0	0	161	866	832	4,816
END FY 2010		219	1,977	587	0	0	0	161	866	832	4,642
7. INVENTORY DATA (\$000)											
Total Acreage:		15,891									
Inventory Total as of : (30 Sep 04)											4,160,476
Authorization Not Yet in Inventory:											72,040
Authorization Requested in this Program:											80,800
Authorization Included in the Following Program: (FY 2008)											28,593
Planned in Next Three Years Program:											129,631
Remaining Deficiency:											95,892
Grand Total:											4,567,432
8. PROJECTS REQUESTED IN THIS PROGRAM: (FY 2007)											
CATEGORY							COST	DESIGN	STATUS		
CODE	PROJECT TITLE				SCOPE		\$,000	START	Cmpl		
730-837	ISR/STF Large Vehicle Inspection Center / Access Road				1	LS	12,500	May-05	Sep-06		
832-266	Upgrd NW Field Infrastructure, Ph 1 of 2				33,255	LM	15,500	May-05	Sep-06		
211-111	Global Hawk Aircraft Maintenance and Operations Complex				6,374	SM	52,800	Aug-05	Sep-06		
					Total		80,800				
9a. Future Projects: Included in the Following Program: (FY2008)											
832-266	Upgrd NW Field Infrastructure, Ph 2 of 2				33,255	LM	9,600				
131-111	NW Field Combat Comm Maint Facility				620	SM	3,100				
422-258	AEF FOL Munitions Igloos, Ph 2 of 4				2,162	SM	15,893				
					Total		28,593				
9b. Future Projects: Typical Planned Next Three Years:											
219-944	NW Field Expeditionary Combat Spt Vehicle				2,560	SM	9,600				
141-782	Air Freight Terminal Complex				3,062	SM	\$16,700				
422-258	AEF FOL Munitions Igloos, Ph 3 of 4				4,324	SM	32,115				
219-944	NW Field Technical Training Facility				950	SM	5,816				
422-258	AEF FOL Munitions Igloos, Ph 4				2,162	SM	36,000				
610-127	NW Field Commando Warrior Support Fac				498	SM	2,788				
219-944	NW Field Expeditionary Combat Spt Cantor				975	SM	6,942				
111-111	AEF FOL Repair So. Runway, Ph 1of 2				162,000	SM	19,670				
					Total		129,631				
9c. Real Property Maintenance Backlog This Installation (\$M)											152
10. Mission or Major Functions: An air base wing hosting Headquarters Thirteenth Air Force, an Air Mobility Command air mobility squadron, Navy Helicopter Support Squadron Five (MH60), as well as a maintenance group and an contingency response group.											
11. Outstanding pollution and Safety (OSHA Deficiencies:											
a. Air pollution		0									
b. Water Pollution		0									
c. Occupational Safety and Health		0									
d. Other Environmental		0									

1. COMPONENT AIR FORCE	FY 2007 MILITARY CONSTRUCTION PROJECT DATA (computer generated)			2. DATE	
3. INSTALLATION AND LOCATION ANDERSEN AIR FORCE BASE, GUAM		4. PROJECT TITLE ISR/STF LARGE VEHICLE INSPECTION CENTER/ACCESS ROAD			
5. PROGRAM ELEMENT 28047	6. CATEGORY CODE 730-837	7. PROJECT NUMBER AJJY059119	8. PROJECT COST (\$000) 15,500		
9. COST ESTIMATES					
ITEM		U/M	QUANTITY	UNIT	COST
ISR/STF LARGE VEHICLE INSPECTION CENTER					10,049
TRUCK INSPECTION FACILITY		SM	475	6,135	(2,914)
ACCESS ROAD		LM	4,023	1,031	(4,148)
PAVED QUEUING AREA		SM	24,521	110	(2,697)
ANTITERRORISM/FORCE PROTECTION		LS			(290)
SUPPORTING FACILITIES					3,799
UTILITIES		LS			(2,398)
SITE IMPROVEMENTS		LS			(660)
GRUBBING AND CLEARING		LS			(341)
ARCHEOLOGICAL MONITORING		LS			(150)
ENVIRONMENTAL REMEDIATION		LS			(250)
SUBTOTAL					13,848
CONTINGENCY (5.0%)					692
TOTAL CONTRACT COST					14,540
SUPERVISION, INSPECTION AND OVERHEAD (6.2%)					901
TOTAL REQUEST					15,441
TOTAL REQUEST (ROUNDED)					15,500
<p>10. Description of Proposed Construction: Entrance road for commercial traffic entering from Highway 9, with entry control point and road leading to a commercial vehicle inspection facility with drive-over inspection pits. Road continues to existing on-base road on north side of the airfield. The entry control point structures will include fire suppression/detection, environmental controls, utilities, pavements, parking, and all necessary supporting facilities for a complete and usable facility. Construction must meet 170 MPH wind and Seismic Zone 4 criteria. Comply with DoD minimum force protection construction standards.</p> <p>Air Conditioning: 15 Tons</p>					
<p>11. Requirement: 558 SM Adequate: 80 SM Substandard: 3 SM</p> <p>PROJECT: Construct Large Vehicle Inspection Center and Access Road. (New Mission)</p> <p>REQUIREMENT: To provide the capability to inspect incoming commercial vehicles as they enter Andersen's main base area. This includes a new base entry along Highway 9, entry control point, new roadway, and vehicle inspection area. The inspection area will include a multi-lane, paved truck queuing and parking areas, below-grade pits for inspecting the underside of vehicles, and secondary entry control point. The new road crosses existing communications, fuel, electrical and water lines that will be modified to prevent damage from the heavy traffic traversing the area. This project supports the phased Intelligence, Surveillance, and Reconnaissance/Strike Task Force (ISR/STF) new mission beddown.</p> <p>CURRENT SITUATION: All commercial vehicles, including contractor trucks and equipment,</p>					

1. COMPONENT AIR FORCE	FY 2007 MILITARY CONSTRUCTION PROJECT DATA (computer generated)		2. DATE
3. INSTALLATION AND LOCATION ANDERSEN AIR FORCE BASE, GUAM		4. PROJECT TITLE ISR/STF LARGE VEHICLE INSPECTION CENTER/ACCESS ROAD	
5. PROGRAM ELEMENT 28047	6. CATEGORY CODE 730-837	7. PROJECT NUMBER AJJY059119	8. PROJECT COST (\$000) 15,500
<p>enter the base through the main gate from Highway 9, the only major route to the base. Llarge numbers of military vehicles and privately-owned vehicles also use this route. The existing configuration of the main gate is a safety hazard due to congestion, and security forces are not able to follow Air Force guidelines on the conduct of security inspections of vehicles entering the base.</p> <p>IMPACT IF NOT PROVIDED: Traffic problems and lack of proper security measures will grow worse as ISR/STF construction requirements increase. The base will continue to have inadequate faciiliites to conduct vehicle inspection, a vital component of force protection. Construction in support of the ISR/STF mission beddown will be impacted by delays in processing contractors through the gate due to inadequate space and facilities. The main gate area will be a safety hazard due to traffic backups on Highways 1 and 9, and present an unfavorable image to the local population.</p> <p>ADDITIONAL: A preliminary analysis of reasonable options for accomplishing this project (status quo, renovation, upgrade/removal, new construction, leasing) was done. It indicates there is only one option that will meet operational requirements. Because of this, a full economic analysis was not performed. A certificate of exception has been prepared. This project meets the criteria specified in Part II of Military Handbook 1190, "Facility Planning and Design". Base Civil Engineer: Lt Col Marvin Smith (671) 366-7101.</p> <p>TRUCK INPECTION FACILITY: 475 SM = 5,113 SF; ROAD PAVEMENT: 4,023 LM = 2.5 miles.</p> <p>JOINT USE CERTIFICATION: These facilities can be used by other components on an "as available" basis; however, the scope of this project is based on Air Force requirements.</p>			

1. COMPONENT AIR FORCE	FY 2007 MILITARY CONSTRUCTION PROJECT DATA (computer generated)		2. DATE
3. INSTALLATION AND LOCATION ANDERSEN AIR FORCE BASE, GUAM		4. PROJECT TITLE ISR/STF LARGE VEHICLE INSPECTION CENTER/ACCESS ROAD	
5. PROGRAM ELEMENT 28047	6. CATEGORY CODE 730-837	7. PROJECT NUMBER AJJY059119	8. PROJECT COST (\$000) 15,500
12. SUPPLEMENTAL DATA:			
a. Estimated Design Data:			
(1) Status:			
(a) Date Design Started			24-AUG-05
(b) Parametric Cost Estimates used to develop costs			YES
* (c) Percent Complete as of 01 JAN 2006			15%
* (d) Date 35% Designed			07-NOV-05
(e) Date Design Complete			30-SEP-05
(f) Energy Study/Life-Cycle analysis was/will be performed			YES
(2) Basis:			
(a) Standard or Definitive Design -			NO
(b) Where Design Was Most Recently Used -			
(3) Total Cost (c) = (a) + (b) or (d) + (e):			(\$000)
(a) Production of Plans and Specifications			930
(b) All Other Design Costs			465
(c) Total			1,395
(d) Contract			1,240
(e) In-house			155
(4) Construction Contract Award			06 DEC
(5) Construction Start			07 FEB
(6) Construction Completion			08 AUG
* Indicates completion of Project Definition with Parametric Cost Estimate which is comparable to traditional 35% design to ensure valid scope, cost and executability.			
b. Equipment associated with this project provided from other appropriations: N/A			

1. COMPONENT AIR FORCE	FY 2007 MILITARY CONSTRUCTION PROJECT DATA (computer generated)			2. DATE	
3. INSTALLATION AND LOCATION ANDERSEN AIR FORCE BASE, GUAM		4. PROJECT TITLE UPGRADE NORTHWEST FIELD INFRASTRUCTURE, PHASE 1			
5. PROGRAM ELEMENT 27596	6. CATEGORY CODE 812-225	7. PROJECT NUMBER SAKW335780A	8. PROJECT COST (\$000) 12,500		
9. COST ESTIMATES					
ITEM		U/M	QUANTITY	UNIT	COST
UPGRADE NORTHWEST FIELD INFRASTRUCTURE, PH 1					9,809
ELECTRICAL LINES		LM	24,689	210	(5,185)
WATER LINES		LM	4,800	312	(1,498)
SEWER COLLECTION SYSTEM		LM	8,261	238	(1,966)
WATER STORAGE		GA	200,000	5	(984)
ANTITERRORISM/FORCE PROTECTION		LS			(177)
SUPPORTING FACILITIES					1,507
SITE IMPROVEMENTS		LS			(845)
HAZARDOUS MATERIALS ABATEMENT		LS			(295)
DEMOLITION		LS			(64)
PAVEMENTS		LS			(78)
ARCHAEOLOGICAL MONITORING		LS			(225)
SUBTOTAL					11,316
CONTINGENCY (5.0%)					566
TOTAL CONTRACT COST					11,882
SUPERVISION, INSPECTION AND OVERHEAD (6.2%)					737
TOTAL REQUEST					12,619
TOTAL REQUEST (ROUNDED)					12,500
10. Description of Proposed Construction: Install water transmission lines from wells south of the Northwest Field, sewage pumping station with forced main and gravity wastewater lines to municipal wastewater lines, and electrical power lines from Andersen's main base to the Northwest Field area to provide sufficient water, sewer, and electrical utilities support for Pacific restationing initiatives. Provides 200,000-gallon water storage tank for line pressure and emergencies. Also includes performing necessary repairs to and replacement of disturbed and displaced pavements and existing utilities, associated site improvements, hazardous materials abatement, antiterrorism force protection measures, archaeological monitoring, and demolition of old existing infrastructure which impairs construction.					
11. Requirement: 37750 LM Adequate: 0 LM Substandard: 0 LM PROJECT: Upgrade water, sewer, and electrical infrastructure. (Current Mission) REQUIREMENT: This project is required to provide adequately sized and configured infrastructure in support of the new facilities programmed for construction within the Northwest Field area. A significant portion of this requirement is to extend the water supply from wells south of the new facilities, electricity from an area just north of the Andersen AFB main runways, and provide wastewater connection to the Guam Water Authority. CURRENT SITUATION: The existing utilities in the central region of the Northwest Field area of Andersen AFB are severely limited and don't have the capability to support the					

1. COMPONENT AIR FORCE	FY 2007 MILITARY CONSTRUCTION PROJECT DATA (computer generated)			2. DATE
3. INSTALLATION AND LOCATION ANDERSEN AIR FORCE BASE, GUAM			4. PROJECT TITLE UPGRADE NORTHWEST FIELD INFRASTRUCTURE, PHASE 1	
5. PROGRAM ELEMENT 27596	6. CATEGORY CODE 812-225	7. PROJECT NUMBER SAKW335780A	8. PROJECT COST (\$000) 12,500	
<p>new facilities required by the extensive restationing initiatives there. An essentially new and properly configured utilities infrastructure with significantly greater capacity must be constructed in this area to include domestic water, waste water, and electricity. The Northwest Field area has an inactive, 150,000-gallon water storage tank and booster pumps; they are, however, well beyond their normal life expectancy. Available electrical power at this location is practically nonexistent. The area is without wastewater handling capability for the new facilities and will require new lines to tie into Guam Water Authority's Northern District Treatment Plant.</p> <p>IMPACT IF NOT PROVIDED: The new facilities supporting the extensive restationing initiatives within PACAF to the Northwest Field area of Andersen AFB will not have the required utilities to support their construction or their operational mission.</p> <p>ADDITIONAL: This project, which is phase one of a two-phase \$20.6M requirement, meets the criteria/scope specified in Air Force Handbook 32-1084, 'Facility Requirements.' All known alternative options were considered during the development of this project. No other option could meet the mission requirement; therefore, no economic analysis was performed. A certificate of exception has been prepared. This project includes antiterrorism force protection measures in accordance with the local threat assessment.</p> <p>BASE CIVIL ENGINEER: Lt Col Marvin Smith, (671) 366-7101. (Electric lines: 24,689 LM = 80,980 LF. Water Lines: 4,800 LM = 15,744 LF. Wastewater lines: 8,261 LM = 27,096 LF</p> <p>JOINT USE CERTIFICATION: This is an installation utility/infrastructure project and does not qualify for joint use at this location. However, all tenants on this installation are benefited by this project.</p>				

1. COMPONENT AIR FORCE	FY 2007 MILITARY CONSTRUCTION PROJECT DATA (computer generated)		2. DATE
3. INSTALLATION AND LOCATION ANDERSEN AIR FORCE BASE, GUAM		4. PROJECT TITLE UPGRADE NORTHWEST FIELD INFRASTRUCTURE, PHASE 1	
5. PROGRAM ELEMENT 27596	6. CATEGORY CODE 812-225	7. PROJECT NUMBER SAKW335780A	8. PROJECT COST (\$000) 12,500
12. SUPPLEMENTAL DATA:			
a. Estimated Design Data:			
(1) Status:			
(a) Date Design Started			10-MAY-05
(b) Parametric Cost Estimates used to develop costs			YES
* (c) Percent Complete as of 01 JAN 2006			15%
* (d) Date 35% Designed			10-AUG-05
(e) Date Design Complete			10-SEP-06
(f) Energy Study/Life-Cycle analysis was/will be performed			NO
(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			720
(b) All Other Design Costs			360
(c) Total			1,080
(d) Contract			900
(e) In-house			180
(4) Construction Contract Award			07 JAN
(5) Construction Start			07 FEB
(6) Construction Completion			08 JUN
* Indicates completion of Project Definition with Parametric Cost Estimate which is comparable to traditional 35% design to ensure valid scope, cost and executability.			
b. Equipment associated with this project provided from other appropriations: N/A			

1. COMPONENT AIR FORCE	FY 2007 MILITARY CONSTRUCTION PROJECT DATA (computer generated)			2. DATE	
3. INSTALLATION AND LOCATION ANDERSEN AIR FORCE BASE, GUAM			4. PROJECT TITLE GLOBAL HAWK AIRCRAFT MAINTENANCE AND OPERATIONS COMPLEX		
5. PROGRAM ELEMENT 35220	6. CATEGORY CODE 211-111	7. PROJECT NUMBER AJJY336546	8. PROJECT COST (\$000) 52,800		
9. COST ESTIMATES					
ITEM		U/M	QUANTITY	UNIT	COST
AIRCRAFT MAINTENANCE AND OPERATIONS COMPLEX					33,675
HIGH BAY MAINTENANCE HANGAR		SM	5,343	5,300	(28,318)
MAINTENANCE SHOPS		SM	557	4,038	(2,249)
SQUADRON OPERATIONS		SM	278	4,019	(1,117)
SUPPLY SUPPORT		SM	278	2,000	(556)
LAUNCH AND RECOVERY OPERATIONS AREA		SM	278	1,633	(454)
ANTITERRORISM/FORCE PROTECTION		SM	6,734	146	(981)
SUPPORTING FACILITIES					13,427
UTILITIES		LS			(3,990)
SITE IMPROVEMENTS		LS			(1,695)
PAVEMENTS		LS			(700)
ENVIRONMENTAL REMEDIATION		LS			(596)
AIRCRAFT ACCESS APRON		LS			(5,676)
COMMUNICATIONS		LS			(145)
PASSIVE FORCE PROTECTION		LS			(175)
DEMOLITION		SM	3,769	119	(450)
SUBTOTAL					47,102
CONTINGENCY (5.0%)					2,355
TOTAL CONTRACT COST					49,457
SUPERVISION, INSPECTION AND OVERHEAD (6.2%)					3,066
TOTAL REQUEST					52,524
TOTAL REQUEST (ROUNDED)					52,800
10. Description of Proposed Construction: Construction of a 6,734 SM reinforced concrete high-bay hangar to meet 170 MPH wind and Seismic Zone 4 criteria and Priority Level 3 security requirements. Includes covered aircraft maintenance space, maintenance support space, supply/tool room/support section, squadron operations, classified storage, maintenance operations center, a Launch and Recovery Element, secure work areas, fire detection/suppression, intrusion detection system, environmental controls, communications, utilities, pavements, parking, antiterrorism force protection measures, demolition, environmental remediation, and all necessary supporting utilities/facilities for complete and usable facility. Project also demolishes an existing 3,769SM wash rack.					
Air Conditioning: 170 Tons					
11. Requirement: 29878 SM Adequate: 11096 SM Substandard: 8107 SM					
PROJECT: Construct Global Hawk Aircraft Maintenance and Operations Complex. (New Mission)					
REQUIREMENT: A consolidated Aircraft Maintenance and Operations Complex is required to support the beddown of three Primary Aircraft Authorization (PAA) Global Hawk aircraft					

1. COMPONENT AIR FORCE	FY 2007 MILITARY CONSTRUCTION PROJECT DATA (computer generated)			2. DATE
3. INSTALLATION AND LOCATION ANDERSEN AIR FORCE BASE, GUAM			4. PROJECT TITLE GLOBAL HAWK AIRCRAFT MAINTENANCE AND OPERATIONS COMPLEX	
5. PROGRAM ELEMENT 35220	6. CATEGORY CODE 211-111	7. PROJECT NUMBER AJJY336546	8. PROJECT COST (\$000) 52,800	
<p>at Andersen AFB, scheduled to arrive in FY09/1, and be configured to support up to six Global Hawk aircraft during contingency operations. The facility will be configured in a flow-through "4+2" layout, which provides protected storage of four aircraft on a day-to-day basis and two additional aircraft during emergency situations. Demolition of an existing aircraft washrack will be required in order to construct this facility.</p> <p>CURRENT SITUATION: Andersen AFB lacks adequate facilities to conduct squadron level maintenance and operations for the new Global Hawk mission. Existing hangars are inadequately sized and improperly configured to accommodate the specialized requirements of the new Global Hawk aircraft. All five hangars at the base are dedicated to other operational requirements. Operational squadrons are required to work, train, deploy, and fight in close cooperation with their corresponding maintenance functions. Current squadron operations and maintenance facilities are not configured to support this requirement.</p> <p>IMPACT IF NOT PROVIDED: Unable to properly beddown the Global Hawk aircraft at Andersen AFB. Adequate facilities will not be available to achieve full mission capability of this vital aircraft, severely limiting the ability to perform essential maintenance and repair in accordance with technical orders or with any semblance of adequacy. The lack of a properly situated and configured facility for squadron operations will severely hamper mission planning and control, resulting in significant degradation of operational capability.</p> <p>ADDITIONAL: This project meets the criteria/scope specified in "PACAF Global Hawk Beddown SATAF Report" (February 2004). A preliminary analysis of reasonable options for accomplishing this project (status quo, renovation, upgrade/removal, new construction) was done. It indicates there is only one option that will meet operational requirements. A certificate of exception has been prepared. Antiterrorism force protection features will be in accordance with local threat assessment. Base Civil Engineer: LtCol Marvin Smith (671) 366-7101. (Aircraft Maintenance and Operations Complex: 6,734 SM = 72,484 SF)</p> <p>JOINT USE CERTIFICATION: These facilities can be used by other components on an "as available" basis; however, the scope of this project is based on Air Force requirements.</p>				

1. COMPONENT AIR FORCE	FY 2007 MILITARY CONSTRUCTION PROJECT DATA (computer generated)		2. DATE																										
3. INSTALLATION AND LOCATION ANDERSEN AIR FORCE BASE, GUAM		4. PROJECT TITLE GLOBAL HAWK AIRCRAFT MAINTENANCE AND OPERATIONS COMPLEX																											
5. PROGRAM ELEMENT 35220	6. CATEGORY CODE 211-111	7. PROJECT NUMBER AJJY336546	8. PROJECT COST (\$000) 52,800																										
<p>12. SUPPLEMENTAL DATA:</p> <p>a. Estimated Design Data:</p> <p>(1) Status:</p> <table border="0"> <tr> <td>(a) Date Design Started</td> <td>10-MAY-05</td> </tr> <tr> <td>(b) Parametric Cost Estimates used to develop costs</td> <td>YES</td> </tr> <tr> <td>* (c) Percent Complete as of 01 JAN 2006</td> <td>15%</td> </tr> <tr> <td>* (d) Date 35% Designed</td> <td>10-AUG-05</td> </tr> <tr> <td>(e) Date Design Complete</td> <td>10-SEP-06</td> </tr> <tr> <td>(f) Energy Study/Life-Cycle analysis was/will be performed</td> <td>YES</td> </tr> </table> <p>(2) Basis:</p> <table border="0"> <tr> <td>(a) Standard or Definitive Design -</td> <td>NO</td> </tr> <tr> <td>(b) Where Design Was Most Recently Used -</td> <td></td> </tr> </table> <p>(3) Total Cost (c) = (a) + (b) or (d) + (e): (\$000)</p> <table border="0"> <tr> <td>(a) Production of Plans and Specifications</td> <td>3,168</td> </tr> <tr> <td>(b) All Other Design Costs</td> <td>1,584</td> </tr> <tr> <td>(c) Total</td> <td>4,752</td> </tr> <tr> <td>(d) Contract</td> <td>4,224</td> </tr> <tr> <td>(e) In-house</td> <td>528</td> </tr> </table> <p>(4) Construction Contract Award 07 JAN</p> <p>(5) Construction Start 07 FEB</p> <p>(6) Construction Completion 09 FEB</p> <p>* Indicates completion of Project Definition with Parametric Cost Estimate which is comparable to traditional 35% design to ensure valid scope, cost and executability.</p> <p>b. Equipment associated with this project provided from other appropriations: N/A</p>				(a) Date Design Started	10-MAY-05	(b) Parametric Cost Estimates used to develop costs	YES	* (c) Percent Complete as of 01 JAN 2006	15%	* (d) Date 35% Designed	10-AUG-05	(e) Date Design Complete	10-SEP-06	(f) Energy Study/Life-Cycle analysis was/will be performed	YES	(a) Standard or Definitive Design -	NO	(b) Where Design Was Most Recently Used -		(a) Production of Plans and Specifications	3,168	(b) All Other Design Costs	1,584	(c) Total	4,752	(d) Contract	4,224	(e) In-house	528
(a) Date Design Started	10-MAY-05																												
(b) Parametric Cost Estimates used to develop costs	YES																												
* (c) Percent Complete as of 01 JAN 2006	15%																												
* (d) Date 35% Designed	10-AUG-05																												
(e) Date Design Complete	10-SEP-06																												
(f) Energy Study/Life-Cycle analysis was/will be performed	YES																												
(a) Standard or Definitive Design -	NO																												
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(d) Contract	4,224																												
(e) In-house	528																												

1. COMPONENT AIR FORCE		FY 2007 MILITARY CONSTRUCTION PROGRAM						2. DATE		
INSTALLATION AND LOCATION KUNSAN AIR FORCE BASE KOREA				COMMAND: PACIFIC AIR FORCES			5. AREA CONST COST INDEX 1.12			
6. Personnel Strength AS OF 30 SEP 05 END FY 2010	PERMANENT			STUDENTS			SUPPORTED			TOTAL
	OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV	
	212	2,512	551	0	0	0	13	153	13	
	211	2,454	544	0	0	0	13	153	13	3,454 3,388
7. INVENTORY DATA (\$000)										
Total Acreage: 2,557										
Inventory Total as of : (30 Sep 04) 1,267,996										
Authorization Not Yet in Inventory: 11,870										
Authorization Requested in this Program: 0										
Authorization Included in the Following Program: (FY 2008) 0										
Planned in Next Three Years Program: 0										
Remaining Deficiency: 391,600										
Grand Total: 1,671,466										
8. PROJECTS REQUESTED IN THIS PROGRAM: (FY 2007)										
CATEGORY										
<u>CODE</u>	<u>PROJECT TITLE</u>		<u>SCOPE</u>	<u>COST</u>	<u>DESIGN</u>	<u>STATUS</u>				
721-312	Dormitory (600 Rm)		21,000 SM	46,700	May-05	Sep-06				
			Total	46,700						
9a. Future Projects: Included in the Following Program: (FY2008)										
None										
9b. Future Projects: Typical Planned Next Three Years:										
None										
9c. Real Property Maintenance Backlog This Installation (\$M)										95
10. Mission or Major Functions: A fighter wing supporting two F-16 fighter squadrons, a six squadron mission support group and a maintenance group, as well as a medical group.										
11. Outstanding pollution and Safety (OSHA Deficiencies):										
a. Air pollution 0										
b. Water Pollution 0										
c. Occupational Safety and Health 0										
d. Other Environmental 0										

1. COMPONENT AIR FORCE	FY 2007 MILITARY CONSTRUCTION PROJECT DATA (computer generated)			2. DATE	
3. INSTALLATION AND LOCATION KUNSAN AIR BASE, KOREA (REPUBLIC OF)			4. PROJECT TITLE DORMITORY (600 RM)		
5. PROGRAM ELEMENT 27596	6. CATEGORY CODE 721-312	7. PROJECT NUMBER MLWR073159	8. PROJECT COST (\$000) 46,700		
9. COST ESTIMATES					
ITEM		U/M	QUANTITY	UNIT	COST
DORMITORY (600 RM)					37,730
DORMITORY		SM	21,000	1,390	(29,190)
ANTITERRORISM/FORCE PROTECTION		SM	21,000	40	(840)
COLLECTIVE PROTECTION SYSTEM		SM	4,000	1,800	(7,200)
SPLINTER PROTECTION		SM	12,500	40	(500)
SUPPORTING FACILITIES					4,048
UTILITIES		LS			(1,100)
PILE FOUNDATIONS		LS			(550)
SITE IMPROVEMENTS/LANDSCAPING		LS			(100)
PAVEMENTS/ROADWAY		LS			(225)
COMMUNICATIONS		LS			(400)
CONTAMINATED SOIL REMEDIATION		LS			(125)
DEMOLITION/ENVIRONMENTAL CLEAN UP		SM	18,876	82	(1,548)
SUBTOTAL					41,778
CONTINGENCY (5.0%)					2,089
TOTAL CONTRACT COST					43,867
SUPERVISION, INSPECTION AND OVERHEAD (6.5%)					2,851
TOTAL REQUEST					46,718
TOTAL REQUEST (ROUNDED)					46,700
EQUIPMENT FROM OTHER APPROPRIATIONS (NON-ADD)					(1,575.0)
<p>10. Description of Proposed Construction: A multi-story facility with reinforced concrete foundation, floor slabs, walls and roof, fire sprinkler w/detectors, and chemical-biological protection. Includes 4+1 "dorms for Airmen" standard modules, lounge, collective protection system (air-lock) areas, and emergency generator. Includes utilities, pavements, site improvements, parking, pile foundation, communication, contaminated soil remediation, and environmental clean-up. Demolishes eight buildings (18,876 SM). Complies with DOD Force Protection requirements per the Unified Facilities Criteria, to include splinter protection and chemical-biological defenses.</p> <p>Air Conditioning: 425 Tons Grade Mix: E1-E4 600</p>					
<p>11. Requirement: 3089 RM Adequate: 588 RM Substandard: 1747 RM</p> <p>PROJECT: Construct a 600-room dormitory. (Current Mission)</p> <p>REQUIREMENT: A major Air Force objective is to provide unaccompanied enlisted personnel with housing conducive to their proper rest, relaxation, and personal well being. Properly designed, adequately configured and furnished quarters that provide some degree of individual privacy are essential to the successful accomplishment of the increasingly complicated and important jobs these Airmen must perform. Retention of these highly trained airmen is essential to Air Force readiness and ability to meet worldwide commitments. This project is submitted in accordance with the Air Force Dormitory</p>					

1. COMPONENT AIR FORCE	FY 2007 MILITARY CONSTRUCTION PROJECT DATA (computer generated)			2. DATE
3. INSTALLATION AND LOCATION KUNSAN AIR BASE, KOREA (REPUBLIC OF)			4. PROJECT TITLE DORMITORY (600 RM)	
5. PROGRAM ELEMENT 27596	6. CATEGORY CODE 721-312	7. PROJECT NUMBER MLWR073159	8. PROJECT COST (\$000) 46,700	
<p>Master Plan that requires on-base housing for 100% of the military population at remote overseas bases. Splinter protection and a chemical-biological collective protection system are required to defend permanent-party and follow-on personnel from theater threats at this fight-in-place base.</p> <p>CURRENT SITUATION: Kunsan Air Base is an unaccompanied remote tour requiring on-base housing for 100% of the base's military population. Adequate space to house 100% of remotely assigned personnel is required for the force protection, security, mission effectiveness, and morale of the 8th Fighter Wing. The base has insufficient on-base housing to accommodate unaccompanied enlisted personnel. The 2003 Air Force Dorm Master Plan Update reports Kunsan had a deficit of 754 rooms, a situation which forces personnel to be doubled up, contrary to Air Force policy and Secretary of Defense guidance. This project constructs the remaining 480-room deficit reduction requirement in the Air Force Dorm Master Plan, and replaces 120 substandard rooms as identified in the AF Chief of Staff's Dorm Investment Strategy, dated 18 Nov 05.</p> <p>IMPACT IF NOT PROVIDED: Adequate living quarters that provide a level of privacy, required for today's Airmen will not be available, resulting in degradation of morale, productivity, and career satisfaction for unaccompanied enlisted personnel. Also continued doubling up in deficient, unprotected facilities will degrade the survivability of our airmen at this in-place, war-fighting base. The base's ability to accept follow-on forces, a key part of its mission, will be limited.</p> <p>ADDITIONAL: This project meets the scope/criteria specified in the new dorm standard established by OSD. All known alternatives were considered during the development of this project. No other option could meet mission requirements; therefore, no economic analysis was performed. A certificate of exception has been prepared. Unaccompanied Housing R&M conducted: \$4,578K in FY04 and FY05 \$1,420K. Future Unaccompanied Housing R&M requirements (estimated): FY06 \$1,400K, FY07 \$10.0M, and FY08 \$11.5M. Project is eligible for ROK Funded Construction, but building in a reasonable time requires MILCON.</p> <p>BASE CIVIL ENGINEER: Lt Col McCreary, 011-82-654-470-5400. Dormitory: 21,000 SM = 226,044 SF; Chem-bio Collective Protection: 4,000 SM = 43,056 SF.</p> <p>FOREIGN CURRENCY: FCF Budget Rate Used: WON 1205.2</p> <p>JOINT USE CERTIFICATION: This facility can be used by other components on an "as available" basis; however, the scope of this project is based on Air Force requirements.</p>				

1. COMPONENT AIR FORCE	FY 2007 MILITARY CONSTRUCTION PROJECT DATA (computer generated)		2. DATE
3. INSTALLATION AND LOCATION KUNSAN AIR BASE, KOREA (REPUBLIC OF)		4. PROJECT TITLE DORMITORY (600 RM)	
5. PROGRAM ELEMENT 27596	6. CATEGORY CODE 721-312	7. PROJECT NUMBER MLWR073159	8. PROJECT COST (\$000) 46,700
12. SUPPLEMENTAL DATA:			
a. Estimated Design Data:			
(1) Status:			
(a) Date Design Started			10-MAY-05
(b) Parametric Cost Estimates used to develop costs			YES
* (c) Percent Complete as of 01 JAN 2006			15%
* (d) Date 35% Designed			10-AUG-05
(e) Date Design Complete			10-SEP-06
(f) Energy Study/Life-Cycle analysis was/will be performed			YES
(2) Basis:			
(a) Standard or Definitive Design -			YES
(b) Where Design Was Most Recently Used -			KUNSAN AIR BASE
(3) Total Cost (c) = (a) + (b) or (d) + (e):			(\$000)
(a) Production of Plans and Specifications			3,000
(b) All Other Design Costs			1,500
(c) Total			4,500
(d) Contract			4,000
(e) In-house			500
(4) Construction Contract Award			07 JAN
(5) Construction Start			07 FEB
(6) Construction Completion			09 FEB
* Indicates completion of Project Definition with Parametric Cost Estimate which is comparable to traditional 35% design to ensure valid scope, cost and executability.			
b. Equipment associated with this project provided from other appropriations:			
EQUIPMENT NOMENCLATURE	PROCURING APPROPRIATION	FISCAL YEAR APPROPRIATED OR REQUESTED	COST (\$000)
COMMUNICATIONS	3400	2007	75
DORM FURNISHINGS	3400	2007	1,500

1. COMPONENT AIR FORCE		FY 2007 MILITARY CONSTRUCTION PROGRAM					2. DATE					
INSTALLATION AND LOCATION OSAN AIR FORCE BASE KOREA			COMMAND: PACIFIC AIR FORCES			5. AREA CONST COST INDEX 1.11						
6. Personnel		PERMANENT			STUDENTS			SUPPORTED			TOTAL	
Strength		OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV		
AS OF 30 SEP 05		581	4,815	1,084	0	22	0	44	224	104	6,874	
END FY 2010		579	4,676	1,064	0	22	0	44	224	104	6,713	
7. INVENTORY DATA (\$000)												
Total Acreage:		2,380										
Inventory Total as of : (30 Sep 04)												2,940,551
Authorization Not Yet in Inventory:												69,920
Authorization Requested in this Program:												2,156
Authorization Included in the Following Program: (FY 2008)												0
Planned in Next Three Years Program:												0
Remaining Deficiency:												616,662
Grand Total:												3,629,289
8. PROJECTS REQUESTED IN THIS PROGRAM: (FY 2007)												
CATEGORY					COST	DESIGN	STATUS					
CODE	PROJECT TITLE	SCOPE	\$,000	START	CMPL							
141-456	Distributed Common Ground Station Intel	390 SM	2,156	May-05	Sep-06							
	Squad Ops Facility	Total	2,156									
9a. Future Projects: Included in the Following Program: (FY2008)												
None												
9b. Future Projects: Typical Planned Next Three Years:												
141-753	ADAL SQDN OPS / AMU FCLTY(36FS)	2,180 SM	18,314									
		Total	18,314									
9c. Real Property Maintenance Backlog This Installation (\$M)											150	
10. Mission or Major Functions: A host fighter wing supporting an F-16 squadron and an A/OA-10 squadron, Headquarters Seventh Air Force, and a MH-53J special operations squadron. The wing also hosts a civil engineer heavy repair squadron (RED HORSE), an Air Mobility Command air mobility support squadron, and Air Combat Command reconnaissance squadron, and an Air Intelligence Agency intelligence squadron.												
11. Outstanding pollution and Safety (OSHA Deficiencies:												
a. Air pollution												0
b. Water Pollution												0
c. Occupational Safety and Health												0
d. Other Environmental												0

1. COMPONENT AIR FORCE	FY 2007 MILITARY CONSTRUCTION PROJECT DATA (computer generated)			2. DATE	
3. INSTALLATION AND LOCATION OSAN AIR BASE, KOREA (REPUBLIC OF)			4. PROJECT TITLE DISTRIBUTED COMMON GROUND STATION INTEL SQUAD OPS FACILITY		
5. PROGRAM ELEMENT 35208	6. CATEGORY CODE 141-456	7. PROJECT NUMBER SMYU043001	8. PROJECT COST (\$000) 2,156		
9. COST ESTIMATES					
ITEM		U/M	QUANTITY	UNIT	COST
INTEL SQUAD OPS FACILITY					1,252
ALTER SCIF INTEL OPS		SM	279	3,150	(879)
ADD SCIF MEZZANINE INTEL OPS		SM	111	3,250	(361)
ANTITERRORISM/FORCE PROTECTION		SM	390	33	(13)
SUPPORTING FACILITIES					711
UTILITIES		LS			(400)
HAZARDOUS MATERIAL ABATEMENT		LS			(250)
INTERIOR DEMOLITION		LS			(61)
SUBTOTAL					1,963
CONTINGENCY (5.0%)					98
TOTAL CONTRACT COST					2,062
SUPERVISION, INSPECTION AND OVERHEAD (6.5%)					134
TOTAL REQUEST					2,196
TOTAL REQUEST (ROUNDED)					2,156
EQUIPMENT FROM OTHER APPROPRIATIONS (NON-ADD)					(175.0)
10. Description of Proposed Construction: Renovate Secure Compartmented Information Facility (SCIF), replace walls, soundproof doors, raise flooring, and add mezzanine level. Includes VTC capable conference room, administration space, mechanical systems, fire detection/suppression, all necessary antiterrorism/force protection (AT/FP) requirements, reconfiguration of interior walls, and hazardous material abatement. Air Conditioning: 10 Tons					
11. Requirement: 390 SM Adequate: 0 SM Substandard: 0 SM PROJECT: Renovate Distributed Common Ground Station Intel Squad Ops Facility. (New Mission) REQUIREMENT: Renovate existing Pacific Imagery National Exploitation System (PINES) Facility (SCIF), located in the Korean Combined Operations Intelligence Center (KCOIC), in support of 607th Air Intelligence Squadron (607th AIS) intelligence operations. Improve physical security with thicker walls and 100 percent soundproofing for the entry and exit doors, provide a separate conference room for Joint Worldwide Intelligence Communications System (JWICS) VTC meetings, office space for Imagery Flight Leadership and seven mission support personnel, and construct a mezzanine in K107A to add an area for an Imagery Mission Support Cell. CURRENT SITUATION: The PINES Facility (SCIF), located within the Korean Combined Operations Intelligence Center (KCOIC), is too small to adequately house the needed mission support equipment and personnel. Since the PINES facility was built in 1996, the number of systems and personnel has increased significantly resulting in the requirement for refurbishment and expansion. Additionally, the server room that currently houses the Imagery Product Libraries (IPL), Trusted Manager (TMAN) and other system servers is too small and has reached maximum capacity for power and HVAC					

1. COMPONENT AIR FORCE	FY 2007 MILITARY CONSTRUCTION PROJECT DATA (computer generated)		2. DATE
3. INSTALLATION AND LOCATION OSAN AIR BASE, KOREA (REPUBLIC OF)		4. PROJECT TITLE DISTRIBUTED COMMON GROUND STATION INTEL SQUAD OPS FACILITY	
5. PROGRAM ELEMENT 35208	6. CATEGORY CODE 141-456	7. PROJECT NUMBER SMYU043001	8. PROJECT COST (\$000) 2,156
<p>requirements. Building a mezzanine over K-107B will add space to adequately set up current equipment and provide room to expand with the evolving mission. This facility is the only US-only space allowable on Osan for the JWICS VTC capability. Mission accomplishment is significantly degraded without the ability to collaborate with on-peninsula partners at the JWICS level.</p> <p>IMPACT IF NOT PROVIDED: 607th AIS PINES is the sole exploiter of U.S. only, national imagery on the Korean Peninsula supporting U.S. forces' operations in theater. DGS-3 exploitation of U-2 is accomplished in direct support to US Forces Korea (USFK) and 7th AF Air Operations Center (AOC). Limited space and physical security deficiencies will continue to degrade mission accomplishment and place intelligence information at risk. Scheduled systems upgrades, workstation expansion, and sixty-five new manpower authorizations will not be supported. This will result in degraded mission capability for PACAF's primary engine for providing horizontally-integrated information superiority to the Joint Warfighting construct within the Pacific. Unit will be unable to execute directed missions in support of USFK and 7th AF operations in defense of the Korean Peninsula.</p> <p>ADDITIONAL: This project meets the scope/criteria specified in Air Force Handbook 32-1084, "Facility Requirements." A preliminary analysis of reasonable options for satisfying this requirement indicates that only one option will meet mission needs. Therefore, a complete economic analysis was not performed. A certificate of exception has been prepared. Base Civil Engineer: Lt Col Gerard A. Castelli 011-82-661-4312. (SCIF Intel Sqd Ops 279 SM = 3,000 SF; SCIF Mezzanine Intel Ops 111 SM = 1,200 SF).</p> <p>FOREIGN CURRENCY: FCF Budget Rate Used: WON 1205.2</p> <p>JOINT USE CERTIFICATION: This facility can be used by other components on an "as available" basis; however, the scope is based on Air Force requirements.</p>			

1. COMPONENT AIR FORCE	FY 2007 MILITARY CONSTRUCTION PROJECT DATA (computer generated)		2. DATE
3. INSTALLATION AND LOCATION OSAN AIR BASE, KOREA (REPUBLIC OF)		4. PROJECT TITLE DISTRIBUTED COMMON GROUND STATION INTEL SQUAD OPS FACILITY	
5. PROGRAM ELEMENT 35208	6. CATEGORY CODE 141-456	7. PROJECT NUMBER SMYU043001	8. PROJECT COST (\$000) 2,156
12. SUPPLEMENTAL DATA:			
a. Estimated Design Data:			
(1) Status:			
(a) Date Design Started			10-MAY-05
(b) Parametric Cost Estimates used to develop costs			YES
* (c) Percent Complete as of 01 JAN 2006			15%
* (d) Date 35% Designed			10-AUG-05
(e) Date Design Complete			10-SEP-06
(f) Energy Study/Life-Cycle analysis was/will be performed			YES
(2) Basis:			
(a) Standard or Definitive Design -			NO
(b) Where Design Was Most Recently Used -			
(3) Total Cost (c) = (a) + (b) or (d) + (e):			(\$000)
(a) Production of Plans and Specifications			130
(b) All Other Design Costs			65
(c) Total			195
(d) Contract			163
(e) In-house			32
(4) Construction Contract Award			07 JAN
(5) Construction Start			07 FEB
(6) Construction Completion			08 JAN
* Indicates completion of Project Definition with Parametric Cost Estimate which is comparable to traditional 35% design to ensure valid scope, cost and executability.			
b. Equipment associated with this project provided from other appropriations:			
EQUIPMENT NOMENCLATURE	PROCURING APPROPRIATION	FISCAL YEAR APPROPRIATED OR REQUESTED	COST (\$000)
COMMUNICATIONS	3400	2006	100
FURNISHINGS	3400	2006	75

1. COMPONENT AIR FORCE	FY 2007 MILITARY CONSTRUCTION PROJECT DATA (computer generated)			2. DATE	
3. INSTALLATION AND LOCATION WW CLASSIFIED		4. PROJECT TITLE GLOBAL HAWK AIRCRAFT MAINTENANCE AND OPERATIONS COMPLEX			
5. PROGRAM ELEMENT 35220	6. CATEGORY CODE 211-111	7. PROJECT NUMBER USAFE073006	8. PROJECT COST (\$000) 26,000		
9. COST ESTIMATES					
ITEM		U/M	QUANTITY	UNIT	COST
GLOBAL HAWK MAINTENANCE & OPERATIONS COMPLEX					15,329
CONSTRUCT 4-BAY MAINT HANGAR / OPS OFFICES		SM	5,700	2,397	(13,663)
PAVEMENTS/RECEIVING APRON		SM	7,700	135	(1,040)
ANTITERRORISM/FORCE PROTECTION		SM	5,700	30	(171)
INTERIOR COMM		SM	5,700	80	(456)
SUPPORTING FACILITIES					7,978
PAVEMENTS		LS			(1,073)
SITE IMPROVEMENTS		LS			(1,533)
UTILITIES		LS			(2,299)
COMMUNICATIONS		LS			(766)
PASSIVE FORCE PROTECTION		LS			(307)
DEMOLITION - RELOCATE		LS			(1,500)
ENVIRONMENTAL SUPPORT		LS			(500)
SUBTOTAL					23,308
CONTINGENCY (5.0%)					1,165
TOTAL CONTRACT COST					24,473
SUPERVISION, INSPECTION AND OVERHEAD (6.5%)					1,591
TOTAL REQUEST					26,064
TOTAL REQUEST (ROUNDED)					26,000
10. Description of Proposed Construction: Construct a new four-bay maintenance hangar. Hangar will consist of a steel frame, masonry walls, standing seam metal roof, concrete floor slab, high expansion foam fire suppression system, utilities, pavements, and communications support. Demolition of existing engine test cell will be required as well as environmental clean-up requirements. Comply with DoD force protection requirements per unified facilities criteria. Air Conditioning: 40 Tons					
11. Requirement: 5700 SM Adequate: 0 SM Substandard: 0 SM <u>PROJECT:</u> Global Hawk Aircraft Maintenance Complex (New Mission) <u>REQUIREMENT:</u> Hangar space is necessary to support aircraft maintenance, repair, and inspection activities that are most effectively done under complete cover. The Global Hawk aircraft requires all-weather interior maintenance space to accomplish scheduled inspections, major fuel system maintenance, airframe repairs, pre-flight operations, as well as technical order compliance and modifications. The hangar will also provide space for tool rooms, support equipment maintenance, aircraft parts receiving, shipping and storage as well as necessary office and administrative space. Apron space is required for the new hangar to effectively support the new mission when it is integrated into the existing NAS Sigonella parking apron. This new hangar will support four of the projected inbound Global Hawk aircraft. The hangar will provide support for a total of					

1. COMPONENT AIR FORCE	FY 2007 MILITARY CONSTRUCTION PROJECT DATA (computer generated)			2. DATE
3. INSTALLATION AND LOCATION WW CLASSIFIED			4. PROJECT TITLE GLOBAL HAWK AIRCRAFT MAINTENANCE AND OPERATIONS COMPLEX	
5. PROGRAM ELEMENT 35220	6. CATEGORY CODE 211-111	7. PROJECT NUMBER USAFE073006	8. PROJECT COST (\$000) 26,000	
<p>four Global Hawk aircraft. The Global Hawk aircraft will be supported by a Mission Control Element (MCE) to be constructed at a separate location in FY08. Once airborne, the Launch and Recovery Element will hand off the aircraft to the MCE.</p> <p><u>CURRENT SITUATION:</u> Global Hawk (RQ-4) aircraft will conduct operations in the European theater. The selected beddown location lacks adequate facilities to conduct squadron level maintenance for the Global Hawk mission. NAS Sigonella will be able to provide some existing parking space to support this overall requirement, but additional pavements will be needed for the new hangar. An existing aircraft wash rack is in place at NAS Sigonella to support the new mission.</p> <p><u>IMPACT IF NOT PROVIDED:</u> Without the new hangar, full mission capability will not be achieved for this vital aircraft. Lack of adequate facilities will severely limit the user's ability to perform essential maintenance and repair requirements in accordance with technical orders. Key essential maintenance and repair actions will also be hampered. Without adequate facilities, the aircraft will not be able to perform their essential reconnaissance missions in the European theater. The lack of facilities could also result in a significant degradation of operational capability and increase the potential for a serious mishap. Furthermore, maintenance performed outside in the elements reduces the life span of the airframe.</p> <p><u>ADDITIONAL:</u> A preliminary analysis of reasonable options for accomplishing this project (status quo, renovation, upgrade/removal, new construction) was done. It indicates that new construction will meet the necessary operational requirements. Antiterrorism/force protection features will be in accordance with local threat assessment. Supporting facility cost is greater than 20% due to the site improvements, utilities and demolition required on the former test cell and Age storage yard. (4-bay maintenance hangar / admin offices: 5,700 SM = 61,354 SF)</p> <p>FOREIGN CURRENCY: FCF Budget Rate Used: EURO-DOLLAR .8785</p> <p><u>JOINT USE CERTIFICATION:</u> This facility can be used by other components on an "as available" basis; however, the scope of this project is based on Air Force requirements.</p>				

1. COMPONENT AIR FORCE	FY 2007 MILITARY CONSTRUCTION PROJECT DATA (computer generated)		2. DATE
3. INSTALLATION AND LOCATION WW CLASSIFIED		4. PROJECT TITLE GLOBAL HAWK AIRCRAFT MAINTENANCE AND OPERATIONS COMPLEX	
5. PROGRAM ELEMENT 35220	6. CATEGORY CODE 211-111	7. PROJECT NUMBER USAFE073006	8. PROJECT COST (\$000) 26,000
12. SUPPLEMENTAL DATA:			
a. Estimated Design Data:			
(1) Project to be accomplished by design-build procedures			
(2) Basis:			
(a) Standard or Definitive Design -			NO
(b) Where Design Was Most Recently Used -			
(3) All Other Design Costs			1,300
(4) Construction Contract Award			07 JAN
(5) Construction Start			07 MAR
(6) Construction Completion			09 MAR
(7) Energy Study/Life-Cycle analysis was/will be performed			YES
b. Equipment associated with this project provided from other appropriations: N/A			

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1. COMPONENT AIR FORCE	FY 2007 MILITARY CONSTRUCTION PROJECT DATA (computer generated)			2. DATE	
3. INSTALLATION AND LOCATION HQ USAF, DISTRICT OF COLUMBIA			4. PROJECT TITLE UNSPECIFIED MINOR CONSTRUCTION		
5. PROGRAM ELEMENT 91211	6. CATEGORY CODE 102-11	7. PROJECT NUMBER PAYZ070002	8. PROJECT COST (\$000) 15,000		
9. COST ESTIMATES					
ITEM		U/M	QUANTITY	UNIT	COST
UNSPECIFIED MINOR CONSTRUCTION					15,000
UNSPECIFIED MINOR CONSTRUCTION		LS			(15,000)
SUPPORTING FACILITIES					0
SUBTOTAL					15,000
TOTAL CONTRACT COST					15,000
TOTAL REQUEST					15,000
TOTAL REQUEST (ROUNDED)					15,000
10. Description of Proposed Construction: Provide a lump sum amount for unspecified minor construction projects not otherwise authorized by law. Minor construction projects costing less than these limits are authorized to be funded from the operations and maintenance appropriation. Includes construction, alteration, or conversion of permanent or temporary facilities.					
11. Requirement: LS Adequate: LS Substandard: LS PROJECT: As required. REQUIREMENT: Minor construction projects authorized by 10 U.S. Code 2805 are military construction projects with an estimated funded cost between \$750,000 and \$1,500,000; however, projects with an estimated funded cost of \$1,500,000 to \$3,000,000 may be funded under this authority when specifically planned to correct a life, health or safety deficiency. This package provides a means of accomplishing urgent projects that are not identified but which are anticipated to arise during FY07. Included would be projects to support new mission requirements, support of new equipment and concepts, and other essential support to Air Force missions and functions that could not wait until availability of FY07 Military Construction Program funds.					

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5. PROGRAM ELEMENT 91211	6. CATEGORY CODE 102-11	7. PROJECT NUMBER PAYZ070002	8. PROJECT COST (\$000) 15,000
<p>12. SUPPLEMENTAL DATA:</p> <p>a. Estimated Design Data:</p> <p>(1) Status:</p> <p>(a) Date Design Started</p> <p>(b) Parametric Cost Estimates used to develop costs YES</p> <p>* (c) Percent Complete as of 01 JAN 2006</p> <p>* (d) Date 35% Designed</p> <p>(e) Date Design Complete</p> <p>(f) Energy Study/Life-Cycle analysis was/will be performed NO</p> <p>(2) Basis:</p> <p>(a) Standard or Definitive Design - NO</p> <p>(b) Where Design Was Most Recently Used -</p> <p>(3) Total Cost (c) = (a) + (b) or (d) + (e): (\$000)</p> <p>(a) Production of Plans and Specifications 0</p> <p>(b) All Other Design Costs 0</p> <p>(c) Total 0</p> <p>(d) Contract 0</p> <p>(e) In-house 0</p> <p>(4) Construction Contract Award</p> <p>(5) Construction Start</p> <p>(6) Construction Completion</p> <p>* Indicates completion of Project Definition with Parametric Cost Estimate which is comparable to traditional 35% design to ensure valid scope, cost and executability.</p> <p>b. Equipment associated with this project provided from other appropriations: N/A</p>			

1. COMPONENT AIR FORCE	FY 2007 MILITARY CONSTRUCTION PROJECT DATA (computer generated)			2. DATE	
3. INSTALLATION AND LOCATION HQ USAF, DISTRICT OF COLUMBIA			4. PROJECT TITLE PLANNING AND DESIGN		
5. PROGRAM ELEMENT 91211	6. CATEGORY CODE 102-11	7. PROJECT NUMBER PAYZ070001	8. PROJECT COST (\$000) 87,504		
9. COST ESTIMATES					
ITEM		U/M	QUANTITY	UNIT	COST
PRIMARY FACILITIES					87,504
PLANNING AND DESIGN		LS			(87,504)
SUPPORTING FACILITIES					0
SUBTOTAL					87,504
TOTAL CONTRACT COST					87,504
TOTAL REQUEST					87,504
TOTAL REQUEST (ROUNDED)					87,504
10. Description of Proposed Construction: The funds requested will be used to provide financing for architectural and engineering services for Air Force Military Construction and host nation funded construction programs.					
11. Requirement: LS Adequate: LS Substandard: LS PROJECT: As required. REQUIREMENT: These planning and design funds are required to complete the design of facilities in the FY08 Military Construction Program, initiate design of facilities in the FY09 Military Construction Program and accomplish planning and design for major and complex technical projects with long lead-time to be included in subsequent Military Construction programs. Also provide funds for value engineering and for the support of design and construction management of projects that are funded by foreign governments and for design of classified and special programs. In addition, these funds are also used for developing Tri-Services Cost Estimating Guide and Unified Facilities Criteria.					

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5. PROGRAM ELEMENT 91211	6. CATEGORY CODE 102-11	7. PROJECT NUMBER PAYZ070001	8. PROJECT COST (\$000) 87,504
<p>12. SUPPLEMENTAL DATA:</p> <p>a. Estimated Design Data:</p> <p>(1) Status:</p> <p>(a) Date Design Started</p> <p>(b) Parametric Cost Estimates used to develop costs YES</p> <p>* (c) Percent Complete as of 01 JAN 2006</p> <p>* (d) Date 35% Designed</p> <p>(e) Date Design Complete</p> <p>(f) Energy Study/Life-Cycle analysis was/will be performed NO</p> <p>(2) Basis:</p> <p>(a) Standard or Definitive Design - NO</p> <p>(b) Where Design Was Most Recently Used -</p> <p>(3) Total Cost (c) = (a) + (b) or (d) + (e): (\$000)</p> <p>(a) Production of Plans and Specifications 0</p> <p>(b) All Other Design Costs 0</p> <p>(c) Total 0</p> <p>(d) Contract 0</p> <p>(e) In-house 0</p> <p>(4) Construction Contract Award</p> <p>(5) Construction Start</p> <p>(6) Construction Completion</p> <p>* Indicates completion of Project Definition with Parametric Cost Estimate which is comparable to traditional 35% design to ensure valid scope, cost and executability.</p> <p>b. Equipment associated with this project provided from other appropriations: N/A</p>			