

Department of the Air Force

Military Construction Program

Fiscal Year (FY) 2007 Budget Estimates

February 2006 FY07

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

	A	Appropriation	Au	thorization
		Request		Request
		<u>(\$000s)</u>		<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 US	C 2805) 15,000		15,000
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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DEPARTMENT OF THE AIR FORCE INDEX MILITARY CONSTRUCTION PROGRAM FISCAL YEAR 2007 (DOLLARS IN THOUSANDS) INSIDE THE US

STATE/COUNTRY	INSTALLATION	PROJECT		APPROP		AUTH REQUEST	PACE
AI ASKA	Fielson	Paplace Chanel Center	,	\$ 14.400	¢	14 400	1401
ALASKA	EACISON	Fitness Center (ADAL)		\$ 14,400 \$ 23,900	\$	23,900	20
		Eielson TOT#	L:_	38,300		38,300	
	Elmendorf	C-17 Maintenance Complex, Phase 2	(\$ 30,000		0	33
		Dormitory (120 Rm)	5	\$ 21,000	\$	21,000	37
		F-22A Corrosion Control/Low Observable/Composite Rpr	;	\$ 31,750	\$	31,750	40
		F-22A Fighter Town East Infrastructure	1	\$ 3,350	\$	3,350	43
		Elmendorf TOTA	۱L:_	86,100		56,100	
		ALASKA TOTA	.L:_	124,400		94,400	
ARIZONA	Davis-Monthan	CSAR Group HQ Facility	f	\$ 4,600	\$	4,600	47
		Davis-Monthan TOT	AL:	4.600		4.600	
		ARIZONA TOTA	L:	4,600		4,600	
CALIFORNIA	Beale	Distributed Common Ground Station Operations Facility	-	\$ 28,000	\$	28 000	51
CALIFORMA	beat	Distributed Common Oround Station Operations Facility		¢ 20,000	Ψ	20,000	
		Beale TOTA	.L:_	28,000		28,000	
	Edwards	Main Base Runway, Phase 2	;	\$ 31,000		0	55
		Edwards TOTA	L:_	31,000		0	
	Travis	C-17 Two-Bay Hangar	;	\$ 50,400	\$	50,400	59
		C-17 Taxiway Lima	f	\$ 8,500	\$	8,500	62
		C-17 Munitions Storage Facility	1	\$ 6,200	\$	6,200	65
		C-17 Roads/Utilities	5	\$ 8,800	\$	8,800	68
		Travis TOTA	L:_	73,900		73,900	
		CALIFORNIA TOTA	L:_	132,900		101,900	
COLORADO	Buckley	Consolidated Fuels Facility	1	\$ 10,700	\$	10,700	72
		Buckley TOTA	L:_	10,700		10,700	
	Schriever	Space Test and Evaluation Facility	f	\$ 21,000	\$	21,000	76
		Schriever TOTA	L:	21,000		21,000	
		COLORADO TOTA	.L:	31,700		31,700	
DELAWARE	Dover	C-17 Aircrew Life Support		\$ 7,400	\$	7.400	80
DEBRITHING	Dorter	C-17 Engine Storage Facility	1	\$ 3,000	\$	3,000	83
		C-17 Add/Alter Composite Maintenance Shop	5	\$ 2,600	\$	2,600	86
		C-17 Alter Hangars	;	\$ 13,400	\$	13,400	89
		Dover TOTA	L:	26,400		26,400	
		DELAWARE TOTA	L:	26,400		26,400	

DEPARTMENT OF THE AIR FORCE INDEX MILITARY CONSTRUCTION PROGRAM FISCAL YEAR 2007 (DOLLARS IN THOUSANDS) INSIDE THE US

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:	19,350	19,350	
	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:	32,950	32,950	
	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:	94,300	71,000	
	Tyndall	F-22A Weapons Tactical Trainer Addition		\$ 1,800	\$ 1,800	130
			Tyndall TOTAL:	1,800	1,800	
			FLORIDA TOTAL:	148,400	125,100	
GEORGIA	Robins	Depot Maintenance Support Hangar (DMRT)		\$ 8,600	\$ 8,600	134
		Advanced Metal Finishing Facility (DMRT)		\$ 30,000	\$ 30,000	137
			Robins TOTAL:	38,600	38,600	
			GEORGIA TOTAL:	38,600	38,600	
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:	28,538	28,538	
			HAWAII TOTAL:	28,538	28,538	
ILLINOIS	Scott	Dormitory (120 Rm)		\$ 20,000	\$ 20,000	148
			Scott TOTAL:	20,000	20,000	
			ILLINOIS TOTAL:	20,000	20,000	
KENTUCKY	Fort Knox	TACP ASOS Facility		\$ 3,500	\$ 3,500	152
			Fort Knox TOTAL:	3,500	3,500	
			KENTUCKY TOTAL:	3,500	3,500	
MARYLAND	Andrews	Strategic Planning and Development Facility		\$ 29,000	\$ 29,000	156
			Andrews TOTAL:	29,000	29,000	
			MARYLAND TOTAL:	29,000	29,000	
NEVADA	Indian Springs	Predator Various Facilities		\$ 23,923	\$ 23,923	160
		Predator Various Facilities		\$ 26,000	\$ 26,000	163
			Creech TOTAL:	49,923	49,923	
			NEVADA TOTAL:	49,923	49,923	

DEPARTMENT OF THE AIR FORCE INDEX MILITARY CONSTRUCTION PROGRAM FISCAL YEAR 2007 (DOLLARS IN THOUSANDS) INSIDE THE US

			APPROP	AUTH	
STATE/COUNTRY	INSTALLATION	PROJECT	REQUEST	REQUEST	PAGE
NEW JERSEY	McGuire	C-17 NE Assault Landing Zone	\$ 15,500	\$ 15,500	167
		McGuire TOTAL:	15,500	15,500	_
		NEW JERSEY TOTAL:	15,500	15,500	
OKLAHOMA	Altus	DAR - Repair McQueen Road	\$ 1,500	\$ 1,500	171
		Altus TOTAL:	1,500	1,500	
		OKLAHOMA TOTAL:	1,500	1,500	-
SOUTH CADOLINA	Show	Downitowy (144 Day)	¢ 16.000	¢ 16.000	175
SOUTH CAROLINA	Shaw	Aerospace Ground Equipment (AGE) Shop/Storage	\$ 10,000 \$ 6,200	\$ 10,000 \$ 6,200	175
		Shaw TOTAL:	22,200	22,200	_
		SOUTH CAROLINA TOTAL:	22,200	22,200	-
TEXAS	Fort Bliss	TACP ASOS and Weather Facility	\$ 8,500	\$ 8,500	182
		Fort Bliss TOTAL:	8,500	8,500	_
	Lackland	Replace Telecommunications Switch / Admin	\$ 13,200	\$ 13,200	186
		Lackland TOTAL:	13.200	13.200	
		TEXAS TOTAL:	21,700	21,700	-
UTAH	Hill	Add to Software Support Facility	\$ 20,000	\$ 20,000	190
		F-22A Fueled Composite Aircrait Overnaul/ Testing Facility Armoment Overhead Facility	\$ 26,000	\$ 20,000	195
		Armanicht Överhauf Fachty	\$ 7,400	\$ 7,400	190
		Hill TOTAL:	53,400	53,400	
		UTAH TOTAL:	53,400	53,400	-
VIDCINIA	Longlov	Distributed Common Cround Station Aparations Facility	\$ 47.700	\$ 47.700	200
VIKGINIA	Langley	Dormitory (96 Rm)	\$ 10,000	\$ 10,000	200
		Langley TOTAL:	57,700	57,700	-
		VIKGINIA IOTAL:	57,700	57,700	-
WYOMING	FE Warren	Renovate Dormitory (320 Rm)	\$ 11,000	\$ 11,000	207
		FE Warren TOTAL:	11,000	11,000	_
		WYOMING TOTAL:	11,000	11,000	_
WW UNSPECIFIED	WW Unspecified	Common Battlefield Airman Training Complex (AETC)	\$14,200	\$14,200	210
		WW UNSPECIFIED TOTAL:	14,200	14,200	_
CI ASSIEIED	Varians Lasstians	Classified Project Special Evaluation Program	\$ 1,600	\$ 1.600	213
CLASSIFIED	various Locations	Classified	\$ 3,377	\$ 3,377	215
		Classified	\$ 1,700	\$ 1,700	217
			0 (77	0.(77	
		V ACIOUS LOCATIONS TOTAL:	9,0//	9,6//	-
		CLASSIFIED TOTAL:	2,077	3,077	-
		INSIDE THE US TOTAL:	844,838	760,538	
					-

DEPARTMENT OF THE AIR FORCE INDEX MILITARY CONSTRUCTION PROGRAM FISCAL YEAR 2007 (DOLLARS IN THOUSANDS) OUTSIDE THE U.S.

				APPROP	AUTH	
STATE/COUNTRY	INSTALLATION	PROJECT		REQUEST	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:		53,150	53,150	
		GERMANY TOTAL:		53,150	53,150	
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:		80,800	80,800	
		GUAM TOTAL:	_	80,800	80,800	
KOREA	Kunsan	Dormitory (600 Rm)		46,700	46,700	240
		Kunsan TOTAL:		46,700	46,700	
	Osan	Distributed Common Ground Station Intel Squad Ops Facility	\$	2,156	\$ 2,156	244
		Osan TOTAL:		2,156	2,156	
		KOREA TOTAL:	_	48,856	48,856	
WW CLASSIFIED	WW Classified	Global Hawk Aircraft Maintenance and Operations Complex	\$	26,000	\$ 26,000	247
		WW CLASSIFIED TOTAL:		26,000	26,000	
		WW CLASSIFIED TOTAL:		26,000	26,000	
				,	· · · ·	

OUTSIDE THE US TOTAL: 208,806 208,806

DEPARTMENT OF THE AIR FORCE INDEX MILITARY CONSTRUCTION PROGRAM FISCAL YEAR 2007 (DOLLARS IN THOUSANDS) WORLDWIDE

			APPROP	AUTH	
STATE/COUNTRY	INSTALLATION	PROJECT	REQUEST	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:	102,504	102,504	
		INSIDE THE US TOTAL:	844,838	760,538	
		OUTSIDE THE US TOTAL:	208,806	208,806	
		FY 2007 TOTAL:	1,156,148	1,071,848	
		_			

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DEFINITIONS OF NEW AND CURRENT MISSION

<u>NEW MISSION PROJECTS</u> - 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.

<u>CURRENT MISSION PROJECTS</u> - 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.

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

DEPARTMENT OF THE AIR FORCE INDEX MILITARY CONSTRUCTION PROGRAM FISCAL YEAR 2007 (DOLLARS IN THOUSANDS) CURRENT MISSION/NEW MISSION BREAKOUT

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

Current Mission Total:

528,550 474,250

DEPARTMENT OF THE AIR FORCE INDEX MILITARY CONSTRUCTION PROGRAM FISCAL YEAR 2007 (DOLLARS IN THOUSANDS) CURRENT MISSION/NEW MISSION BREAKOUT

STATE/COUNTRY	INSTALLATION	PROJECT	R	APPROP EOUEST	AUT REOUES	н т түре
				- t		
ALASKA	Elmendorf	F-22A Corrosion Control/Low Observable/Composite Rpr	\$	31,750	\$ 31,75	NM
ALASKA	Elmendorf	C-17 Maintenance Complex, Phase 2	\$	30,000	\$	· NM
ALASKA	Elmendorf	F-22A Fighter Town East Infrastructure	\$	3,350	\$ 3,35	NM
ARIZONA	Davis-Monthan	CSAR Group HQ Facility	\$	4,600	\$ 4,60	NM
CALIFORNIA	Beale	Distributed Common Ground Station Operations Facility	\$	28,000	\$ 28,00	NM
CALIFORNIA	Travis	C-17 Roads/Utilities	\$	8,800	\$ 8,80	NM
CALIFORNIA	Travis	C-17 Taxiway Lima	\$	8,500	\$ 8,50	NM
CALIFORNIA	Travis	C-17 Two-Bay Hangar	\$	50,400	\$ 50,40	NM
CALIFORNIA	Travis	C-17 Munitions Storage Facility	\$	6,200	\$ 6,20	NM
CLASSIFIED	Various	Classified	\$	1,700	\$ 1,70) NM
CLASSIFIED	Various	Classified Project - Special Evaluation Program	\$	4,600	\$ 4,60) NM
CLASSIFIED	Various	Classified	\$	3,377	\$ 3,37	/ NM
DELAWARE	Dover	C-17 Add/Alter Composite Maintenance Shop	\$	2,600	\$ 2,60	NM
DELAWARE	Dover	C-17 Alter Hangars	\$	13,400	\$ 13,40	NM
DELAWARE	Dover	C17 Engine Storage Facility	\$	3,000	\$ 3,00	NM
DELAWARE	Dover	C-17 Aircrew Life Support	\$	7,400	\$ 7,40	NM
FLORIDA	Tvndall	F-22A Weapons Tactical Trainer Addition	\$	1.800	\$ 1.80) NM
GERMANY	Ramstein	C-130J Dual-Bay Maintenance Hangar	\$	22,000	\$ 22,00	NM
GERMANY	Ramstein	C-130J Aircraft Parts Storage	\$	3,300	\$ 3,30	NM
GUAM	Andersen	Global Hawk Aircraft Maintenance and Operations Complex	\$	52,800	\$ 52.80) NM
GUAM	Andersen	ISR/STF Large Vehicle Inspection Center / Access Road	\$	15,500	\$ 15.50	NM
HAWAII	Hickam	C-17 Fuel Cell Nose Dock	\$	25.000	\$ 25.00	NM
HAWAII	Hickam	C-17 Road Restoration	\$	3.538	\$ 3.53	S NM
KENTUCKY	Fort Knox	TACP ASOS Facility	\$	3,500	\$ 3.50	NM
KOREA	Osan	Distributed Common Ground Station Intel Squad Ops Facility	\$	2.156	\$ 2.15	NM
NEVADA	Indian Springs	Predator Various Facilities	\$	26.000	\$ 26.00	NM
NEVADA	Indian Springs	Predator Various Facilities	\$	23.923	\$ 23.92	NM
NEW JERSEY	McGuire	C-17 NE Assault Landing Zone	\$	15.500	\$ 15.50	NM
TEXAS	Fort Bliss	TACP ASOS Weather Facility	\$	8.500	\$ 8.50) NM
UTAH	Hill	F-22A Fueled Composite Aircraft Overhaul/Testing Facility	\$	26.000	\$ 26.00	NM
VIRGINIA	Langlev	Distributed Common Ground Station Operations Facility	\$	47.700	\$ 47.70	NM
WW CLASSIFIED	USAFE	Global Hawk Aircraft Maintenance and Operations Complex	\$	26 000	\$ 26.00	NM
WW UNSPECIFIED	WW Unspecified	Common Battlefield Airman Training Complex (AETC)	\$	14.200	\$ 14.20) NM
	WW enspecifica	Common Datacenta initiana ritaning Compten (initia)	Ť	,	+,•	
		New Mission Total:		525,094	495,09	4
VARIOUS LOCATIONS	Various	P-341 Unspecified Minor Construction (Active)		15,000	15,00	0
VARIOUS LOCATIONS	Various	P&D - Planning & Design (Active)		87,504	87,50	4
		Central Program Total		102,504	102.50	4
		Total Active AF Program	1	1,156,148	1,071,84	8

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MILITARY CONSTRUCTION PROGRAM FISCAL YEAR 2007 PRESIDENT'S BUDGET INSTALLATION INDEX

INSTALLATION	COMMAND	STATE/COUNTRY	PAGE
ALTUS	AETC	OKLAHOMA	170
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
WW UNSPECIFIED	AETC	WW UNSPECIFIED	210

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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.

FY 2007

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. <u>RESOLUTION TRUST CORPORATION ASSETS</u>

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

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: <u>Provided</u> 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		FY 2	007 MI	LITAR	(CONSTF	VICTION	N PROG	RAM	2. DATE	
AIR FORCE		<u> </u>								
INSTALLATION AND		ON			1AND:			5. AREA	CONST	
	E BASE			PACIF	IC AIR FO	RCES		COST IN	DEX	
ALASKA				<u> </u>				2.13	<u></u>	
6. Personnei Strongth					TUDENIS					τοτλι
	425		945							101AL 5 217
FND FY 2010	414	3 715	773		0				0	4,904
7 INVENTORY DAT	ΓA (\$000)	0,110				<u>ٽ</u>	<u> </u>	<u> </u>	<u> </u>	1,001
Total Acreage:	π (ψοσο)	19.940	ļ							
Inventory Total as of	: (30 Ser	o 04)								3.244,655
Authorization Not Ye	t in Invent	tory:								70,370
Authorization Reque	sted in this	s Program								38,300
Authorization Include	d in the F	ollowing P	rogram	ก:	(FY 2008))				0
Planned in Next Thre	e Years F	Program:								64,100
Remaining Deficienc	y:									349,300
Grand Total:										3,766,725
8. PROJECTS REQ	UESTED	IN THIS P	ROGR	AM:		_	(FY 200)7)		
CATEGORY							_	COST	DESIGN	STATUS
CODE	PROJEC	<u>T TITLE</u>				SCOPE		<u>\$,000</u>	START	<u>CMPL</u>
730-771	Replace	Chapel Ce	nter			2,994	SM	14,400	May-05	Sep-06
740-674	ADAL Ph	ysical Fith	ess Ce	nter		1,121	SM	23,900	Apr-05	Sep-uo
						lotal		38,300		
0a Euture Projects:	Included	in the Foll	owing	Program	n.	(FY20)	08)			
	Included		owing .	Filogian	/ I.	(11200	50)			
				None						
				1101.0						
9b. Future Projects:	Typical F	lanned Ne	ext Thre	ee Year	S:					
740-669	Construct	t Youth Ce	enter			1,821	SM	10,100		
131-111	Consolida	ated Comr	n Facili	ity		1	LS	27,500		
171-212	AEF F-16	3 Flight Sin	nulator	& Lite :	Spt Fac	1,591	SM	16,600		
890-185	REPAIR	UTILIDOR	SPH V	7111) Totol	LS	9,900	-	
						lotai		64,100		
										İ
9c. Real Property M	aintenanc	e Backlog	This Ir	stallatio	on (\$M)					275
110. Mission or Majo	or Functio	ns: An hos	st fighte	er wing	supporting	an F-16	squadro	on, an A/O	A-10 squa	dron, and a
training squadron, w	nich condi	ucts COPE	E THUN	VDER e	xercises.	The insta	allation a	also hosts	an Air Nati	onal Guard
KC-135 air refueling	squadron	and a trair	ning gr	oup, wh	ich condu	cts arctic	; surviva	l training.		-
-			• -	•				-		
11. Outstanding poll	ution and	Safety (OS	SHA D	eficienc	ies:					
a. Air pollution				0						
b. Water Pollutio	'n			0						
O standing of the set	2 ())			0						
c. Occupational	Safety and	d Health		U						
d Other Environ	mental			0						
	montai			0						25

1. COMPONENT AIR FORCE		FY 2007 MILITARY CONSTRUCTION PROJECT DATA 2. DATE (computer generated)							
3 INSTALLATIC			_	4 P	ROTECT TT	тт. <u>г</u>			
				DEDI					
EIELSON AIR FO	RCE BAS	E, ALASKA		REPL	ACE CHAPE	L CENTER	_		
5. PROGRAM ELE	MENT	6. CATEGORY CODE	7. PROC	JECT	NUMBER	8. PROJECT C	OST (\$000)		
22176		730-773	FTQ	W9811	.50R1	14	,400		
9. COST ESTIMATES									
		ттем			OIIANTTTV	UNIT	COST		
		11134		0/1					
CHAPEL CENTER							10,823		
CHAPEL CENTER				SM	2,994	3,580	(10,719)		
ANTITERRORISM/F	ORCE PRO	TECTION		SM	2,994	35	(105)		
SUPPORTING FACIL	ITIES						2,067		
SITE IMPROVEMEN	ITS			LS			(475)		
UTILITIES				LS			(400)		
PAVEMENTS				LS			(350)		
COMMUNICATIONS	SUPPORT			LS			(325)		
DEMOLITION			SM	1,038	245	(254)			
CONTAMINATED SC	IL HANDL	ING		CY	1,500	175	(263)		
SUBTOTAL							12,890		
CONTINGENCY	(5.0%)					645		
TOTAL CONTRACT C	OST					-	13,535		
SUPERVISION, INS	PECTION	AND OVERHEAD	(6.5%)				880		
TOTAL REQUEST						-	14,414		
TOTAL REQUEST (R	OUNDED)						14,400		
10. Descriptio	on of Pr	coposed Construction	n: Rein	force	d concret	te foundation	, floor slab,		
masonry walls,	standir	ng seam metal roof,	and fir	e det	ection/p	rotection. In	cludes the		
chapel, adminis	strative	offices, support a	area, an	d rel	igious e	ducation area	. All		
necessary site	work, u	tility connections,	commun	icati	lons, par	rking, and la	ndscaping.		
Antiterrorism i	force pr	rotection will be in	n accord	ance	with loca	al threat ass	essment.		
Demolishes one	buildir	ng (1,038 SM).							
11. Requirement	:: 2994	SM Adequate: 0 S	SM Su	bstar	ndard: 103	38 SM			
PROJECT: Repla	ace char	pel center. (Curren	nt Missi	.on)					
REQUIREMENT: 2	An appro	priately sized and	configu	red o	hapel cer	nter to meet	the		
requirements of	: the ba	This is a quality	remote	and i	solated a	that directly	ith extended		
personnel moral	le, prod	luctivity, and reter	tion th	at eq	mates to	mission read	iness. Will		
meet facility	requirem	ments in the Religio	ous Faci	litie	es Design	Guide. Comp	lies with DOD		
force protectio	on requi	rements per the Uni	fied Fa	cilit	ies Crite	eria.			
CURRENT SITUAT	ION: Th	ne existing Eielson	chapel	is a	kit faci	lity that was	initially		
planned for use	e in the	Philippines. It w	vas dive	rted	and place	ed at Eielson	AFB. Only		
through vigilar	nt repai	r and preservation	has the	faci	lity been	n able to sta	nd up to the		

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	FY 2007 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AIR FORCE	(computer generated)	

3. INSTALLATION AND L	OCATION	4. PROJECT TI	4. PROJECT TITLE				
EIELSON AIR FORCE BAS	E, ALASKA	REPLACE CHAPE	L CENTER				
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST (\$000)				
22176	730-773	FTQW981150R1	14,400				

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.

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.

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.

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					1		
1. COMPONENT	1. COMPONENT FY 2007 MILITARY CONSTRUCTION PROJECT DATA 2. DATE							
AIR FORCE		(comput)	er gene	rated)				
3. INSTALLATIO	ON AND L	OCATION		4. PROJECT 1	TITLE			
EIELSON AIR FO	ORCE BAS	E, ALASKA	1	REPLACE CHAP	PEL CENTER			
5. PROGRAM EL	EMENT	6. CATEGORY CODE	7. PRO	JECT NUMBER	8. PROJECT CO	ST (\$000)		
22176		730-773	FTQW981150R1 14,400					
12. SUPPLEMEN	TAL DATA	.:						
a. Estimate	d Design	Data:						
(1) Statu	s:							
(a) Da	te Desig	n Started			10	-MAY-05		
(b) Pa	rametric	c Cost Estimates used	d to dev	velop costs		YES		
* (c) Pe	rcent Co	mplete as of 01 JAN	2006			15%		
* (d) Da	te 35% I	Designed			10	-AUG-05		
(e) Da	te Desig	yn Complete			10	-SEP-06		
(f) En	ergy Stu	udy/Life-Cycle analys	sis was/	will be perf	ormed	YES		
(2) Basis	:							
(a) St	andard o	or Definitive Design	_			NO		
(b) Wh	ere Desi	ign Was Most Recently	v Used -	-				
(2) [[$(\mathbf{a}) = (\mathbf{a}) + (\mathbf{b}) = (\mathbf{d})$. (-)-			(\$000)		
(3) TOTAL	(\$000)							
(a) Froduction of Flans and Specifications								
(D) AI	432							
(c) IOLAI (d) Contract						1 080		
(e) In-house								
(4) Const	ruction	Contract Award				07 JAN		
(5) Const	ruction	Start				07 FEB		
(6) Const	ruction	Completion				08 JUN		
* Indicat which i cost an	es compl s compar d execut	etion of Project Def able to traditional ability.	inition 35% des	n with Parame sign to ensure	tric Cost Esti e valid scope,	mate		
b. Equipmen N/A	t associ	ated with this proje	ect prov	rided from ot	her appropriat	ions:		

1. COMPONENT		FY 2007 MILITARY	CONSTRU	JCTIO	N PROJECT	DATA	2. DATE	
AIR FORCE		(computer generated)						
3. INSTALLATIO	N AND L	OCATION		4. P	ROJECT TI	TLE	·	
EIELSON AIR FO	RCE BAS	E, ALASKA		ADAL PHYSICAL FITNESS CENTER				
5. PROGRAM ELE	MENT	6. CATEGORY CODE	7. PRO	JECT NUMBER 8. PROJECT COST (\$000)				
27596		740-674	FI	QW053	3032	23	,900	
		9. COS'	T ESTII	MATES				
						UNIT	COST	
		ITEM		<u>U/M</u>	QUANTITY			
PHYSICAL FITNESS	CENTER						18,381	
ADDITION				SM	5,265	3,155	(16,611)	
ALTERATION				SM	3,171	495	(1,570)	
ANTITERRORISM F	ORCE PRO	TECTION		SM	10,550	19	(200)	
SUPPORTING FACIL	ITIES						3,030	
UTILITIES				LS			(855)	
PAVEMENTS				LS			(600)	
COMMUNICATIONS				LS			(200)	
SITE IMPROVEMEN	TS			LS			(1,000)	
PASSIVE FORCE P	ROTECTIC	N		LS			(225)	
CONTAMINATED SC	IL DISPC	SAL		LS			(150)	
SUBTOTAL							21,411	
CONTINGENCY	(5.0%)					1,071	
TOTAL CONTRACT C	OST						22,482	
SUPERVISION, INS	PECTION	AND OVERHEAD	(6.5%)				1,461	
TOTAL REQUEST							23,943	
TOTAL REQUEST (R	OUNDED)						23,900	
EQUIPMENT FROM O	THER APP	ROPRIATIONS (NON-ADD)					(450.0)	
10. Descriptio	on of Pr	oposed Construction	n: Add	to ar	nd alter e	existing fitr	ess center to	
provide proper	ly confi	gured and sized fac	cility,	based	l on requi	rements from	the Air	
Force Fitness (Center I	esign Guide, dated	30 Dec	2005.	Renovat	ce current fa	cility with	
5,205 SM addits	LON CO C	an indoor running	s center t track	grou	ne ADAL Wi	lli contain t	me nealth and	
courts, fitness	s equipm	ent room, locker ro	ooms, me	chani	ical room	storage roc	ms and	
administration	space.	Includes contamina	ated soi	l ren	mediation,	and all req	uired support	
facilities and	utiliti	es for a complete a	and usak	ole fi	itness cer	nter. Facili	ty will	
comply with mir	nimum DC	D standards for for	rce prot	ectio	on.			
Air Conditionir	ng: 50	Tons						
11. Requirement	: 10550	SM Adequate: 21	14 SM	Suk	standard	3171 SM		
PROJECT: Addit	tion/Alt	er Fitness Center.	(Curre	ent Mi	ission)			
REQUIREMENT: E	Titness	center that meets of	urrent	Air E	force Fitr	less Center I	esign Guide.	
Facility will i	include	a Health and Wellne	ess Cent	er (H	HAWC), and	l must be cap	able of	
Fight" program.	. This f	itness center is a	major C	ualit	v of Ford	e considerat	ion 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 SITUAT	ION: Ex	isting fitness cent	er was	const	ructed in	n 1954 and su	bsequently	
expanded to cre	eate the	e current facility o	configur	atior	1. Currer	nt layout of	the major	
L								

1. COMPONENT		FY 2007 MILITARY CONSTRUCTION PROJECT DATA					
AIR FORCE		(computer generated)					
3. INSTALLATIC	N AND L	OCATION	4. PROJECT TITLE				
EIELSON AIR FORCE BASE, ALASKA ADAL PHYSICAL FITNESS CE						R	
5. PROGRAM ELE	MENT	6. CATEGORY COI	E 7. PRO	JECT NUMBER	8. PROJECT CO	ST (\$000)	

FTQW053032

23,900

740-674

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.

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.

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).

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.

27596

1. COMPONENT	FY 2007 MILIT	CARY CONSTRU	CTION PROJECT	DATA	2. DATE				
2 TNGENTLANT		jomputer ger							
3. INSTALLATIO	ON AND LOCATION		4. PROJECT	ritle					
EIELSON AIR FO	DRCE BASE, ALASKA		ADAL PHYSICA	AL FITNESS CEN	ſER				
5. PROGRAM EL	EMENT 6. CATEGORY	CODE 7. PF	OJECT NUMBER	8. PROJECT CO	ST (\$000)				
27596	740-674 FTQW053032 23,900								
12. SUPPLEMEN	TAL DATA:								
a. Estimate	d Design Data:								
(1) Status:									
(a) Date Design Started 23-APR-05									
(b) Pa	rametric Cost Estimate	s used to d	evelop costs		YES				
* (c) Pe	rcent Complete as of 0	1 JAN 2006			15%				
* (d) Da	te 35% Designed			10	-AUG-05				
(e) Da	te Design Complete	<u>.</u> .		10	-SEP-06				
(f) En	ergy Study/Life-Cycle	analysis wa	s/will be perf	ormed	YES				
(2) Basis	:								
(a) St	andard or Definitive D	esign -			NO				
(b) Wh	ere Design Was Most Re	cently Used	-						
(3) TOTAL COSt (C) = (a) + (b) or (d) + (e): (a) Production of Diana and dramifications									
(a) Production of Plans and Specifications 1,									
(D) All Other Design Costs 717									
(c) TOTAL (d) Contragt									
(e) In	-house				360				
(4) Const	ruction Contract Award				07 JAN				
(5) Const	ruction Start				07 FEB				
(6) Const	ruction Completion				09 FEB				
* Indicat which i cost an	es completion of Proje s comparable to tradit d executability.	ct Definiti ional 35% d	on with Parame esign to ensur	tric Cost Esti e valid scope,	mate				
b. Equipmen	t associated with this	project pr	ovided from ot	her appropriat	ions:				
			FISC	AL YEAR					
EQUIPMENT	NOMENCLATURE	PROCUR: APPROPRI	ING APPRO ATION OR RE	PRIATED QUESTED	COST (\$000)				
COMMUNIC	TIONS EQUIPMENT	340) :	2007	50				
FURNISHIN	IGS/EQUIPMENT	340) :	2007	400				

1. COMPONENT		FY	2007 N	ILITAR		UCTION	PROGF	RAM	2. DATE	
									CONCT	
								5. AREA		
	ORCE BA	NSE		PACIF		JES			JEX .	
ALASKA	-							1.67		
6. Personnel	PE	RMANENT		S	TUDENTS		SU	PPORTED		
Strength	OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV	TOTAL
AS OF 30 SEP 05	909	6,542	1,778	0	63	0	117	393	2,300	12,102
END FY 2010	904	6,365	1,724	0	63	0	117	393	2,300	11,866
INVENTORY DAT	A (\$000)									
Total Acreage:	Total Acreage: 13,123									
Inventory Total as of	: (30 Sep	o 04)								7,087,740
Authorization Not Yet	t in Invent	tory:								12,060
Authorization Reques	Authorization Requested in this Program: 86,100									
Authorization Include	d in the F	ollowing P	rogram	n:	(FY 2008)					0
Planned in Next Thre	e Years F	Program:	-							107,006
Remaining Deficiency	v:	Ũ								196,900
Grand Total:	, ,									7.489.806
8 PROJECTS REO	UESTED	IN THIS P	ROGR	АМ·			(FY 200	7)		.,,
CATEGORY	OLOILD			/			(1 1 200	COST	DESIGN	STATUS
						SCOPE		\$ 000	START	CMPI
211-159	C-17 MA	<u>, τη τη εξ</u> Ιντενιδηί			PHASE II	17 352	SM	30,000	May-05	Design-Build
701-212					, I HAOL II	120		21 000	May-05	Dosign-Build
211 150						2 6 1 0	CM	21,000	Son 05	Design-Dullu
211-109						3,019		2 250		Sep-00
042-240	F-ZZA FI	GHIERIC		ASTIN	FRASIRUC	T-1-1	LS	3,350	Aug-05	Sep-06
						Total		86,100		
0a Eutura Draiaata	المعاديطعط	in the Fell					\			
9a. Future Projects.	Included	in the Folio	owing i	Piografi	1. (F 12000)			
				None						
Oh Euture Dreiseter										
9D. Future Projects:	турісаі ғ					4 4 5 0	<u>с</u> м	25 000		
						1,150	SIVI	25,000		
832-200						101	LS	9,900		
214-425	CONSTR		HICLE	: WASH		464	SM	5,300		
/21-315	COPE II		DENAL	LODG	ING	13,209	SM	16,500		
422-253	CONSTR		REGA		AGAZINE ST	825	SM	4,339		
217-712	REPLAC	E AVIONI	CS FAC			2,508	SM	14,700		
116-116	C-17 SH	ORT AUST	ERE A	AIR FILE	ED (ALLAN A	80,044	SM	15,767		
211-157	C-17 MA	INT TRNG	DEVIC	CE FAC		2,630	SM	15,500		
						Total		107,006		
9c. Real Property Ma	aintenanc	e Backlog	This In	stallatio	on (\$M)					200
10. Mission or Major	Function	s: An host	fighter	wing su	ipporting an	three F-1	15C/E sc	quadrons, a	C-130H	and 12F/J
tactical airlift squadro	on, as we	ll as E-3 ai	rborne	air cont	rol squadror	i. Also ir	ncluded i	is a full mai	intenance	complex for
all aircraft.										
11. Outstanding poll	ution and	Satety (OS	SHA De	eticienci	es:					
a. Air pollution				0						
				-						
b. Water Pollutio	n			0						
c. Occupational	Safety an	d Health		0						
d. Other Environ	mental			0						
				0						

DD Form 1390, 24 Jul 00

1. COMPONENT		FY 2007 MILITARY	CONSTRU	CTION	I PROJECT	DATA	2. DATE
AIR FORCE		(compu	iter gen	erate	ed)		
3. INSTALLATIC	N AND L	OCATION		4. PI	ROJECT TI	LE	
ELMENDORF AIR	FORCE B	ASE, ALASKA		C-17	MAINTENAN	ICE COMPLEX,	PHASE II
5. PROGRAM ELE	EMENT	6. CATEGORY CODE	7. PRO	JECT I	NUMBER	8. PROJECT	COST (\$000)
41130		211-159	FX	SB053	007в	AF	PN: 30,000
		9. COS:	r estin	ATES			
		ITEM		U/M	QUANTITY	UNIT	COST
C-17 MAINTENANCE	COMPLEX						68,596
PAINTING HANGAR	R BAY			SM	3,629	4,892	(17,753)
SQUADRON OPERAT	TIONS			SM	3,309	2,755	(9,116)
GENERAL MAINTNE	ENANCE HA	NGAR BAY		SM	3,345	4,732	(15,829)
MAINTENANCE SHO	PS			SM	7,069	3,050	(21,560)
ANTITERRORISM F	ORCE PRO	TECTION		SM	17,352	250	(4,338)
SUPPORTING FACIL	ITIES						6,519
IITTI.TTTES				T.S			(1 282)
DAVEMENTS				T.S			(202)
SITE IMPROVEMEN	тs			LS			(885)
DEMOLITION	10			GM	3 062	202	(1 202)
CONTAMINATED SC		TATTON		T.C	5,002	555	(1,202)
COMMINICATIONS	II KIMIL			T.S			(525)
SPECTAL FOINDAT	NOT			T.C			(860)
DASSIVE FORCE I	ROTECTIC	N		T.S			(350)
SUBTOTAL	ROIDCIIC						75 115
CONTINUENCY	(F 0%)						2 75
CONTINGENCY	(5.0%)						3,756
TOTAL CONTRACT C	:051						/8,8/1
SUPERVISION, INS	PECTION	AND OVERHEAD (6	.5%)				5,127
TOTAL REQUEST							83,998
TOTAL REQUEST (R	OUNDED)						84,000
EQUIPMENT FROM C	THER APP	ROPRIATIONS (NON-ADD)					(1,750)
10. Descriptionsteel frame, f	on of Pr loor sla	oposed Construction	n: Rein walls,	force and	d concret	e foundatior ructure to h	, structural e an enclosed
C-17 maintenand	ce compl	ex that includes tw	<i>i</i> o hanga	r bay	rs (one wa	shing and ge	eneral
maintenance, th	he other	for painting) with	n primar	y jac	king poin	ts, inspecti	on and
maintenance sho	ops, sup	ervisory space, too	ol cribs	, squ	adron ope	rations and	
administration	, traini	ng, reference, disp	oatch, a	nd an	alysis ar	eas; aircrew	v area with
lockers, schedu	uling, 1	ife support, debrie	efing, a	nd re	ady rooms	; mechanical	areas,
utilities, com	nunicati	ons, renewable ener	gy meas	ures;	fire pro	tection, det	ection and
demolition of a	a nose d	lock hangar, and all	necess	arv s	support fa	cilities and	apron, Intilities.
Complies with I	DOD forc	e protection requir	ements.	····	apport is		
11. Requirement: 17352 SM Adequate: 0 SM Substandard: 0 SM							
PROJECT: Construct an aircraft maintenance complex, phase 2. (New mission)							
REQUIREMENT:	REOUIREMENT: Elmendorf AFB requires a maintenance complex to support the new C-17						
aircraft beddow	wn. Arc	tic weather often r	restrict	s fli	ght line	operations f	or routine
maintenance suc	ch as ai	rcraft jacking for	tire/br	ake c	hanges, c	ontrol surfa	ice work and
general mainter	nance wo	orkload requirements	s. A ha	ngar	bay is ne	eded for mai	ntenance

DD FORM 1391, DEC 99 Previous editions are obsolete.

Page No.

1. COMPONENT	FY 2007 MILITARY C	DATA 2. DATE				
AIR FORCE	(computer generated)					
3. INSTALLATION AND LOCATION 4. PROJECT TITLE						
ELMENDORF AIR FORCE BASE, ALASKA C-17 MAINTENANCE COMPLEX, PHASE II						
5. PROGRAM ELEMEN	NT 6. CATEGORY CODE 7	• PROJECT NUMBER	8. PROJECT COST (\$000)			
41130	211-159	FXSB053007B	APPN: 30,000			

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.

<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.

<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.

<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

Page No.

	-							
1. COMPONENT	F FY 2007 MILITARY CONSTRUCTION PROJECT DATA 2. DATE							
AIR FORCE			(comp	uter ge	nerated)			
3. INSTALLATIO	ON AND L	OCATION			4. PROJECT TI	TLE		
ELMENDORF AIR	FORCE B	ASE, ALASKA			C-17 MAINTENA	NCE COMPLEX, P	HASE II	
5. PROGRAM ELE	CMENT	6. CATEGORY	CODE	7. PRO	JECT NUMBER	8. PROJECT CO	ST (\$000)	
41130		211-15	9	FX	SB053007B	APPN	1: 30,000	
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.								
JOINT USE CERT	IFICATIO	ON: This faci	lity ca	an be u	sed by other c	omponents on a	n "as	
available" bas	is; howe	ever, the sco	pe is 1	based o	n Air Force re	quirements.		
AUTHORIZATION	AND APPI	ROPRIATION SU	MMARY:	VED BY				
			CONGR	ESS	REOUESTE	D		
			FY 20	06	FY 2007			
			_					
AUTHORIZATION	OF THE 1	PROJECT:	\$84.01	М	0			
AUTHORIZATION	FOR APPI	ROPRIATION:	\$54.01)м \$30.0м				
APPROPRIATION:			\$54.01	м	\$30.OM			
1							-	
I. COMPONENT FY 2007 MILITARY CONSTRUCTION PROJECT DATA 2. DATE AIR FORCE (computer generated) 2. DATE 3. INSTALLATION AND LOCATION 4. PROJECT TITLE ELMENDORF AIR FORCE BASE, ALASKA C-17 MAINTENANCE COMPLEX, PHASE II 5. FROGRAM ELEMENT 6. CATGGORY CODE 7. FROJECT NUMBER 8. PROJECT COST (\$000) 41130 211-159 FXSB053007B APPN: 30,000 12. SUPPLEMENTAL DATA: a. Estimated Design Data: NO NO (a) Standard or Definitive Design - NO NO NO (b) Where Design Was Most Recently Used - NO NO NO (b) OCNTRUCTION Completion 07 JAN SI Construction Completion 09 FEB (7) Energy Study/Life-Cycle analysis was/will be performed YES D. Equipment associated with this project provided from other appropriations: FEQUIPMENT NOMENCLATURE PROCURING APPEN APPROCOSETIATED COST EQUIPMENT NOMENCLATURE 3400 2006 1,500 COMMUNICATIONS EQUIPMENT 3400 2006 250		1						
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3. INTALLATION AND LOCATION 4. PROJECT TITLE ELMENDORF AIR FORCE BASE, ALASKA C-17 MAINTENANCE COMPLEX, PHASE II 5. FROGRAM ELEMENT 6. CATEGORY CODE 7. PROJECT NUMBER 8. PROJECT COST (\$000) 41130 211-159 FXSB053007B 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 NO (b) Where Design Was Most Recently Used - .1,500 (3) All Other Design Costs .1,500 (4) Construction Contract Award 07 JAN (5) 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: FROCUENING APPRO FROCUENING APPRO COST AUTOMENT NOMENCLATURE 3400 2006 1,500 COMMUNICATIONS EQUIPMENT 3400 2006 250	1. COMPONENT AIR FORCE		FY 2007 MILIT.	ARY C	ONSTRU	CTION PROJE	ECT DATA	2. DATE
1. DISTRUCTION AND DOCATION 1. PROJECT TITLE ELMENDORF AIR FORCE BASE, ALASKA C-17 MAINTENNANCE COMPLEX, FRASE II 5. PROGRAM ELEMENT 6. CATEGORY CODE 7. PROJECT NUMBER 8. PROJECT COST (\$000) 41130 211-159 FXSB053007B APPN: 30,000 12. SUPPLEMENTAL DATA: a. Setimated Design Data: 1. 1. Project to be accomplished by design-build procedures (2) Basis: (a) Standard or Definitive Design - NO (b) Where Design Costs 1,500 (4) Construction Contract Award 07 JAN (5) Construction Completion 09 FEB (7) Energy Study/Life-Cycle analysis was/will be performed YES D. Equipment associated with this project provided from other appropriations: FISCAL YEAR EQUIPMENT NOMENCLATURE PROCURING APPRO OR REQUESTED (\$000) MAINT EQUIPMENT AND FURNISHINS 3400 2006 1,500 COMMUNICATIONS EQUIPMENT								
ELMENDORF AIR FORCE RASE, ALARKA [C-17 MAINTENANCE COMPLEX, FRARE II 5. FROGRAM ELEMENT 6. CATEGORY CODE 7. PROJECT NUMBER 8. PROJECT COST (\$000) 41130 211-159 FXSB053007B 8. PROJECT COST (\$000) 12. SUPPLEMENTAL DATA: a. Estimated Design Data: 11 11 Project to be accomplished by design-build procedures 8. (2) Basis: (a) Standard or Definitive Design - NO (b) Where Design Costs 1,500 (4) Construction Contract Award 07 JAN 07 JAN 05 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: PROCURING APPRO PROCURING APPRO OR REQUESTED (\$000) MAINT EQUIPMENT NOMENCLATURE 3400 2006 1,500 COMMUNICATIONS EQUIPMENT 3400 2006 250	3. INSTALLATIO	JN AND L	JCATION			4. PROJECT	TITLE	
5. FROGRAM ELEMENT 6. CATEGORY CODE 7. PROJECT NUMBER 8. PROJECT COST (\$000) 41130 211-159 FXSB053007B 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	ELMENDORF AIR	FORCE B	ASE, ALASKA		<u> </u>	C-17 MAINTI	ENANCE COMPLEX,	PHASE II
41130 211-159 FXSB053007B APPN: 30,000 12. SUPPLEMENTAL DATA: a. Estimated Design Data: (1) Project to be accomplished by design-build procedures (1) Fasis: (a) Standard or Definitive Design -	5. PROGRAM EL	EMENT	6. CATEGORY	CODE	7. PR	OJECT NUMBE	R 8. PROJECT (OST (\$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: PROCURING APPRO FISCAL YEAR APPROFRIATED COST EQUIPMENT NOMENCLATURE 000 REQUESTED (\$000) MAINT EQUIPMENT AND FURNISHING 3400 2006 1,500 COMMUNICATIONS EQUIPMENT 3400 2006 250	41130		211-159		FX	SB053007B	A	PPN: 30,000
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: PROCURING APPRO APPROPRIATED COST EQUIPMENT NOMENCLATURE 00 R REQUESTED (\$000) MAINT EQUIPMENT AND FURNISHING 3400 2006 1,500 COMMUNICATIONS EQUIPMENT 3400 2006 250	12. SUPPLEMEN	TAL DATA	.:					
(1) Project to be accomplished by design-build procedures (2) Basis: (a) Standard or Definitive Design - (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: FISCAL YEAR APPROPRIATED COST EQUIPMENT NOMENCLATURE 06 REQUESTED (\$000) MAINT EQUIPMENT AND FURNISHING 3400 2006 1,500 COMMUNICATIONS EQUIPMENT 3400 2006 250	a. Estimate	d Design	Data:					
(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: FISCAL YEAR APPROPRIATED COST EQUIPMENT NOMENCLATURE PROCURING APPRO APPROPRIATED COST INAINT EQUIPMENT AND FURNISHING 3400 2006 1,500 COMMUNICATIONS EQUIPMENT 3400 2006 250	(1) Proje	ct to be	accomplished b	y des	ign-bu	ild procedu	ures	
(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: COST EQUIPMENT NOMENCLATURE PROCURING APPRO OR REQUESTED COST NAINT EQUIPMENT AND FURNISHING 3400 2006 1,500 COMMUNICATIONS EQUIPMENT 3400 2006 250	(2) Basis	:						
(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: COST EQUIPMENT NOMENCLATURE PROCURING APPRO FISCAL YEAR EQUIPMENT NOMENCLATURE COST OR REQUESTED (\$000) MAINT EQUIPMENT AND FURNISHING 3400 2006 1,500 COMMUNICATIONS EQUIPMENT 3400 2006 250	(a) St (b) Wh	andard o here Desi	or Definitive De Ign Was Most Red	esign cently	- y Used	-		NO
(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: PROCURING APPRO EQUIPMENT NOMENCLATURE PROCURING APPRO PISCAL YEAR APPROPRIATED (\$000) MAINT EQUIPMENT AND FURNISHING 3400 2006 1,500 COMMUNICATIONS EQUIPMENT 3400 2006 250	(3) All O	ther Des	ign Costs					1,500
(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: PROCURING APPRO EQUIPMENT NOMENCLATURE PROCURING APPRO FISCAL YEAR APPROPRIATED OR REQUESTED COST (\$000) MAINT EQUIPMENT AND FURNISHING 3400 2006 1,500 COMMUNICATIONS EQUIPMENT 3400 2006 250	(4) Const	ruction	Contract Award					07 JAN
(6) Construction Completion 09 FEB (7) Energy Study/Life-Cycle analysis was/will be performed VES b. Equipment associated with this project provided from other appropriations: <pre></pre>	(5) Const	ruction	Start					07 FEB
(7) Energy Study/Life-Cycle analysis was/will be performed YES b. Equipment associated with this project provided from other appropriations: FISCAL YEAR PROCURING APPRO FISCAL YEAR APPROPRIATED COST OR REQUESTED (\$000) MAINT EQUIPMENT AND FURNISHING 3400 2006 1,500 COMMUNICATIONS EQUIPMENT 3400 2006 250	(6) Const	ruction	Completion					09 FEB
b. Equipment associated with this project provided from other appropriations: PROCURING APPRO FISCAL YEAR APPROPRIATED COST OR REQUESTED (\$000) MAINT EQUIPMENT AND FURNISHING 3400 2006 1,500 COMMUNICATIONS EQUIPMENT 3400 2006 250	(7) Energ	y Study/	Life-Cycle anal	ysis	was/wi	ll be perfo	ormed	YES
MAINT EQUIPMENT AND FURNISHING 3400 2006 1,500 COMMUNICATIONS EQUIPMENT 3400 2006 250	EQUIPMENT	NOMENCI	ATURE	PROC	CURING	F: APPRO AP OR	ISCAL YEAR PROPRIATED R REQUESTED	COST (\$000)
COMMUNICATIONS EQUIPMENT 3400 2006 250	MAINT EQU	JIPMENT A	AND FURNISHING		3400		2006	1,500
	COMMUNIC	ATIONS EQ	QUIPMENT		3400		2006	250

1. COMPONENT		FY 2007 MILITARY	CONSTRU	JCTION	I PROJECT	DATA	2. DATE	
AIR FORCE		(Compu	uter gen	nerated)				
3. INSTALLATIO	N AND L	OCATION		4. PROJECT TITLE				
ELMENDORF AIR	FORCE B	ASE, ALASKA		DORM	ITORY (12)) RM)		
5. PROGRAM ELE	MENT	6. CATEGORY CODE	7. PRO	JECT NUMBER 8. PROJECT COST (\$000)				
27596		721-312	FX	SB073	006	21	,000	
		9. COS	T ESTI	MATES	1			
		ITEM		U/M	QUANTITY	UNIT	COST	
DORMITORY (120 F	2M)						13,845	
DORMITORY				SM	4,200	3,240	(13,608)	
ANTITERRORISM/H	ORCE PRO	TECTION		SM	4,200	56	(237)	
SUPPORTING FACIL	ITIES						5,014	
UTILITIES				LS			(610)	
COMMUNICATIONS				LS			(400)	
SITE IMPROVEMEN	TS			LS			(648)	
PAVEMENTS				LS			(1,668)	
ENVIRONMENTAL C	LEANUP			LS			(600)	
DEMOLITION				SM	6,219	175	(1,088)	
SUBTOTAL							18,859	
CONTINGENCY	(5.0%)						943	
TOTAL CONTRACT C	OST						19,802	
SUPERVISION, INS	PECTION	AND OVERHEAD (6	5.5%)				1,287	
TOTAL REQUEST							21,089	
TOTAL REQUEST (R	OUNDED)						21,000	
EQUIPMENT FROM C	THER APP	ROPRIATIONS (NON-ADD)					(603)	
10. Description Reinforced conder protection/deter standard module roadway constru- three buildings Complies with D Grade Mix: E1-	on of Pr crete fo action a as, laur uction, s (6,219 DOD Force E4 120	coposed Construction oundation and floor and utilities system dry, storage, and 1 a storage room with SM) occupying the ce Protection requir	n: A th slabs, ms. Dor lounge a n outsic site. rements	mason mason minc areas. le ent Inclu per t	story buil nry walls, ludes 4+1 Project rance, an ides all r the Unifie	ding with ba and roof. "Dorms for also includ d landscapin eccessary sup d Facilities	sement. Install fire Airmen" es parking, g. Demolish port. Criteria.	
11. Requirement	t: 886 F	Adequate: 302	RM S	lubsta	undard: 79	4 RM		
PROJECT: Const	truct a	120-room dormitory.	(Curre	ent Mi	ssion)			
REQUIREMENT:	One of t	he Air Force's majo	or objec	tives	s is to pr	ovide unacco	mpanied	
enlisted personnel a living environment conducive to getting the rest and relaxation							relaxation	
they need. Property designed and furnished quarters, with some degree of individual privacy, are essential to the successful accomplishment of the increasingly complicate and important jobs our onligted personnel perform							y complicated	
CIIDDENT SITUATION. Many of the evicting dormitories are of Verson War winters							tage They	
CURRENT SITUATION: Many of the existing dormitor were designed to the standards of that day and					quently do	not meet cu	rrent day	
standards. Adequate on-base housing is especially important in Alaska bec						use off-base		
housing in the is affordable the high cost of 1 to one hour eac	Anchora to our e iving, n ch way i	age area is extremel enlisted force is un many personnel are f in order to find aff	ly exper naccepta forced f fordable	asive able h aurthe a hous	and much by Air For er away fr sing. Hou	of the renta ce standards com the base, using Airmen	l market that . Because of traveling up off-base	

Page No.

1. COMPONENT	FY 2007 MILITARY CONSTRUCTION PROJECT DATA 2. DATE							
AIR FORCE	(comp							
3. INSTALLATIO	IN AND LOCATION	4. PROJECT TI	4. PROJECT TITLE					
ELMENDORF AIR	FORCE BASE, ALASKA	0 RM)						
5. PROGRAM ELE	EMENT 6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST (\$000)					

FXSB073006

21,000

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.

721-312

<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.

<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)

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.

27596

1. COMPONENT AIR FORCE		FY 2007 MILITARY CO	ONSTRUCTION 1	PROJECT :	DATA	2. DATE
3. INSTALLATIO	N AND LO	OCATION	4. PRO	JECT TIT	LE	I
ELMENDORF AIR	FORCE B	ASE, ALASKA	DORMIT	ORY (120	RM)	
5. PROGRAM ELE	MENT	6. CATEGORY CODE	7. PROJECT 1	NUMBER	8. PROJECT CO	ST (\$000)
27596		721-312	FXSB073	006	21,	000
12. SUPPLEMENT a. Estimated	TAL DATA 1 Design	: Data:				
(1) Projec	t to be	accomplished by des	ign-build pr	ocedures		
(2) Basis: (a) Sta (b) Who	andard c ere Desi	or Definitive Design .gn Was Most Recently	- 7 Used -			NO
(3) All Ot	her Des:	ign Costs				630
(4) Constr	uction (Contract Award				07 JAN
(5) Constr	uction a	Start				07 FEB
(6) Constr	uction (Completion				09 FEB
(7) Energy	Study/1	Life-Cycle analysis	was/will be	performe	d	YES
h Equipment	associ	ated with this proje	at provided	from oth	er appropriat	ions.
D: Equipment	abbeer		ee provided		ter uppropriat	10110.
EQUIPMENT	NOMENCL	PROC	URING APPRO	FISCA APPROI OR REG	L YEAR PRIATED QUESTED	COST (\$000)
FURNISHIN	GS		3400	2	007	603

1. COMPONENT		FY 2007 MILITARY	CONSTRU	OLLOR	N PROJECT	DATA	2. DATE	
AIR FORCE		(compu	uter ger	nerate	ed)			
3. INSTALLATIO	N AND L	OCATION		4. PROJECT TITLE				
ELMENDORF AIR	FORCE E	BASE, ALASKA		F-22A CORROSION CTRL/LO MX/COMPOSITE REPAIR FAC				
5. PROGRAM ELE	MENT	6. CATEGORY CODE	7. PRO	JECT 1	NUMBER	8. PROJECT (OST (\$000)	
27138		211-159	FX	SB073	008A	31	,750	
		9. COS	T ESTI	ATES	1			
				77 /36	OULD NUEL TRA	UNIT	COST	
		115M			QUANTITI			
CORROSION CONTRO	L/LO MAI	NT/COMPOSITE RPR FAC					15,114	
LO MAINTENANCE	COMPOSIT	TE REPAIR FACILITY		SM	3,489	4,041	(14,099)	
AIRCRAFT ACCESS	S APRON			SM	5,921	136	(804)	
ANTITERRORISM/E	ORCE PRO	DIECTION		SM	3,489	60	(211)	
SUPPORTING FACIL	ITIES						13,338	
PAVEMENTS				LS			(294)	
UTILITIES				LS			(945)	
SITE IMPROVEMEN	ITS			LS			(873)	
DEMOLITION				SM	440	360	(158)	
COMMUNICATIONS				LS			(456)	
LOW-OBSERVABLE	CLIMATE	CONTROL		LS			(8,021)	
REPLACE MINI-HA	AYMAN IGI	2005		SM	440	4,978	(2,190)	
ARCHEOLOGICAL N	IONITORIN	īG		LS			(150)	
ENVIRONMENTAL F	REMEDIATI	ION		LS			(250)	
SUBTOTAL							28,452	
CONTINGENCY	(5.0%)						1,423	
TOTAL CONTRACT C	OST						29,874	
SUPERVISION, INS	PECTION	AND OVERHEAD (6	5.5%)				1,942	
TOTAL REQUEST							31,816	
TOTAL REQUEST (R	OUNDED)						31,750	
EQUIPMENT FROM C	THER APP	PROPRIATIONS (NON-ADD)					(950)	
10. Descriptio Alaska seismic	on of Pr and fro	roposed Construction ost heaving requirem	n: Cons ments; s	truct	a concre cural stee	ete foundatio el frame with	n meeting metal skin;	
two medium-bay	hangars	s; an attached corro	osion co	ntrol	l shop/pai	int storage/m	ixing	
facility; a low	work a	vable training area;	; and a	tow v	way/access	s apron for a	ircraft.	
environmental o	controls	s, utilities, paveme	ents, pa	rking	, Priorit	ty Level 3 se	curity	
requirements, a	and all	necessary supportin	ng facil	ities	s for a co	- omplete and u	sable	
facility. Demo	olishes	one igloo facility	(440 SM	I). E	Force prot	tection will	comply with	
UFC 4-010-01 DOD Minimum Anti-Terrorism Standards for Buildings."								
Air Conditioning: 100 Tons								
11. Requirement: 10767 SM Adequate: 126 SM Substandard: 4418 SM								
PROJECT: Construct F-22A Low Observable (LO) Maintenance/Composite Repair Facility/Corrosion Control Hangar. (New Mission)								
REQUIREMENT:	REQUIREMENT: An adequately sized and configured Corrosion Control / LO Maintenance /							
Composite Repa	ir Facil	lity is required to	support	the	beddown o	of one squadr	on of F-22A	
fighter aircra	Et. Aiı	rcraft delivery is s	schedule	d to	start in	Aug 2008 wit	h an expected	
delivery rate of	of 2-3 a	aircraft per month.	Aircra	ft de	elivery fo	or the second	squadron will	

Previous editions are obsolete.

1. COMPONENT	FY	DATA	2. DATE						
AIR FORCE		(computer generated)							
3. INSTALLATION AND LOCATION 4. PROJECT TITLE									
ELMENDORF AIR	ELMENDORF AIR FORCE BASE, ALASKA F-22A CORROSION CTRL/LO MX/								
				REPAIR FAC					
5. PROGRAM ELE	EMENT 6.	CATEGORY CODE	7. PRO	JECT NUMBER	8. PROJECT CO	ST (\$000)			
27138		211-159	FX	50					

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.

<u>CURRENT SITUATION:</u> 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.

<u>IMPACT IF NOT PROVIDED</u>: 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 pupose, 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 "as available" basis; however, the scope of this project is based on Air Force requirements.

. COMPONENT IR FORCE	FY 2007 MILITAR (com	Y CONSTRUCTION P puter generated)	ROJECT DATA	2. DATE
TNSTALLATION AND				I
		4. PROJ		
LMENDORF AIR FORC	E BASE, ALASKA	F-22A C	ORROSION CTRL/LO M FAC	AX/COMPOSITE
. PROGRAM ELEMENT	6. CATEGORY CC	DE 7. PROJECT N	MBER 8. PROJECT	COST (\$000)
27138	211-159	FXSB07300	8A	31,750
2. SUPPLEMENTAL D	ATA:			
a. Estimated Des	ign Data:			
(1) Project to	be accomplished by	design-build pro	cedures	
(2) Basis:				
(a) Standar (b) Where I	d or Definitive Des Design Was Most Rece	ign - ntly Used -		NO
(3) All Other I	Design Costs			953
(4) Constructio	on Contract Award			06 DEC
(5) Constructio	on Start			07 FEB
(6) Constructio	on Completion			09 FEB
(7) Energy Stud	ly/Life-Cycle analys	sis was/will be p	erformed	YES
EQUIPMENT NOME	NCLATURE	PROCURING APPRO	FISCAL YEAR APPROPRIATED OR REQUESTED	COST (\$000)
FURNISHINGS		3400	2008	350
COMMUNICATIONS	EQUIPMENT	3400	2008	150
EQUIPMENT		3400	2008	450

1. COMPONENT		FY 2007 MILITARY	CONSTRU	CTION	I PROJECT	DATA	2. DATE			
AIR FORCE		(computer generated)								
3. INSTALLATION AND LOCATION 4. PROJECT TITLE										
ELMENDORF AIR	FORCE B	ASE, ALASKA		F-222	A FIGHTER	TOWN EAST IN	FRASTRUCTURE			
5. PROGRAM ELE	MENT	6. CATEGORY CODE	7. PRO	JECT 1	NUMBER	8. PROJECT C	JST (\$000)			
27138		842-245	FX	SB073	009	3,	350			
9. COST ESTIMATES										
		ТТЕМ		тт/м	OUANTTTY	UNIT	COST			
F-22A FIGHTER TO	WN EAST	INFRASTRUCTURE					2,595			
WATER DISTRIBUT	TION MAIN	IS		LM	4,524	221	(1,001)			
ELECTRICAL UNDE	RGROUND			LM	1,006	432	(435)			
SANITARY SEWER	GAS DIST	RIBUTION		LM	1,647	209	(345)			
STORM DRAINAGE				LS			(135)			
COMMUNICATIONS				LM	915	743	(680)			
SUPPORTING FACIL	ITIES						394			
CLEAR AND GRUB				LS			(219)			
ARCHEOLOGICAL M	IONITORIN	IG		LS			(75)			
ENVIRONMENTAL F	REMEDIATI	ON		LS			(100)			
SUBTOTAL							2,989			
CONTINGENCY	(5.0%)					149			
TOTAL CONTRACT C	OST						3,138			
SUPERVISION, INS	PECTION	AND OVERHEAD	(6.5%)				204			
TOTAL REQUEST							3,342			
TOTAL REQUEST (R	OUNDED)						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	Substan	dard:	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		DATA	2. DATE					
AIR FORCE	(computer generated)							
3. INSTALLATION AND LOCATION 4. PROJECT TITLE								
ELMENDORF AIR FO	ELMENDORF AIR FORCE BASE, ALASKA F-22A FIGHTER TOWN EAST INFE						RASTRUCTURE	
5. PROGRAM ELEME	INT	6. CATEGO	RY CODE	7. PRO	JECT NUMBER	8. PROJECT CO	ST (\$000)	
27138		842-:	245	F2	SB073009	3,3	50	

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.

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.

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.

1. COMPONENT AIR FORCE	FY 2007 MILITARY CONSTRUCTION PROJECT DATA 2. DATE								
3 TNSTALLATT					ידייד.פ				
ELMENDORF AIR	FORCE B	ASE, ALASKA		F-22A FIGHTE	ER TOWN EAST JRE				
5. PROGRAM EL	EMENT	6. CATEGORY CODE	7. PRO	JECT NUMBER	8. PROJECT CO	ST (\$000)			
27138 842-245 FXSB073009 3,350									
12. SUPPLEMENTAL DATA:									
a. Estimate	d Design	Data:							
(1) Statu	s:								
(a) Date Design Started 24-AUG-05									
(b) Pa	rametric	Cost Estimates used	d to dev	elop costs		YES			
* (c) Pe	ercent Co	mplete as of 01 JAN	2006			15%			
* (d) Date 35% Designed 07-NOV-05									
(e) Date Design Complete 30-SEP-06									
(f) En	ergy Stu	dy/Life-Cycle analys	sis was/	will be perf	ormed	YES			
(2) Basis	:								
(a) St	andard c	or Definitive Design	-			NO			
(b) Wh	ere Desi	gn Was Most Recently	y Used -						
(3) Total	Cost (c	(a) = (a) + (b) or (d)	+ (e):			(\$000)			
(a) Pr	oduction	of Plans and Specif	Eication	IS		201			
(b) Al	l Other	Design Costs				101			
(c) To	tal					302			
(d) Co	ntract					268			
(e) In	-house					34			
(4) Const:	ruction	Contract Award				06 DEC			
(5) Const	ruction	Start				07 FEB			
(6) Const	ruction	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: $N/{\rm A}$

1. COMPONENT		FY 200)7 MIL	ITARY (CONST	RUCTIO	N PROC	GRAM	2. DATE	
AIR FORCE										
3. INSTALLATION A	ND LOC	ATION		4. CO	4. COMMAND: 5. AREA CONST					
DAVIS-MONTHAN A	IR FORC	E BASE,		AIR CC	OMBAT	COMMA	ND	COST IN	NDEX	
ARIZONA								0.99		
6. Personnel	PE	RMANENT	-	S	TUDEN	TS	SL	IPPORTE	D	
Strength	OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV	TOTAL
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 DAT	ГА (\$000)									
a. Total Acreage:		10,953								
 Inventory Total as 	s of : (30	Sep 05)								1,899,244
c. Authorization Not	Yet in Inv	entory:								17,000
 Authorization Req 	juested in	this Progr	am:		(FY200	7)				4,600
e. Authorization Inclu	uded in th	e Followin	g Prog	ram:	(FY 200	08)				0
f. Planned in Next T	hree Year	s Program	1:							59,137
g. Remaining Deficie	ency:									111,000
h. Grand Total:										2,090,981
							(<u></u>	b		
8. PROJECTS REQ	UESTED	IN THIS P	ROGR	AM:			(FY 200)7) 0007		07.7.10
CATEGORY								COST	DESIGN	STATUS
<u>CODE</u>	PROJEC					SCOPE		<u>\$,000</u>	<u>START</u>	
610-284	CSAR G	roup HQ F	acility			1,914	SM	4,600	Apr-05	Sep-06
0a Eutura Projecto:	Included	in the Foll	owing	Drogram	. .		2008)			
sa. Future Frojects.	None		owing	Filgran	1.	(ГТ	2008)			
	NULLE									
9b. Future Projects:	Typical F	Planned Ne	ext Thr	ee Year	s:					
130-142	Fire/Cras	sh Rescue	Statior	ו ו	•••	3.500	SM	13.400		
721-312	Dormitor	v (120 PN)				3,960	SM	12.000		
218-712	AGE Fac	; ilitv				6.657	SM	10,000		
211-111	AMARC	Hangar				7,130	SM	16,537		
610-281	Consolid	ated Missi	on Sup	port Ce	nter	3,300	SM	7,200		
			•			,		,		
9c. Real Propery Ma	aintenance	e Backlog	This In	stallatio	n:			89		
10. Mission or Major	[.] Function	s: Headqu	arters	12th Air	Force;	a wing w	rith two f	ighter trai	ining squa	drons
responsible for training	ng all A/O	A-10 aircre	ews; or	ne A/OA	-10 figh	ter squa	dron, tw	o EC-130	electroni	c combat
squadrons, a tactical	air contro	ol wing; an	Air Fo	rce Rese	erve H⊢	I-60 resc	ue squa	dron; and	d Air Force	e Material
Command's Aerospa	ice Mainte	enance and	d Rege	eneratior	n Center					
11. Outstanding Poll	lution and	Satety (O	SHA D	eticienc	ies):			-		
a. Air pollution								0		
h Motor Dellution	n							~		
b. water Pollutio	11							0		
c. Occupational	Safaty an	d Haalth						Δ		
	Salety an	unealli						0		
d Other Environ	mental							Ω		
	montai							0		

DD Form 1390, 9 Jul 02

1. COMPONENT		FY 2007 MILITARY	CONSTRU	OLLOR	N PROJECT	DATA	2. DATE	
AIR FORCE		(compu	uter ger	nerate	ed)			
3. INSTALLATIC	N AND L	OCATION		4. PROJECT TITLE				
DAVIS-MONTHAN	AIR FOR	CE BASE, ARIZONA		CSAR	GROUP HE	ADQUARTERS F.	ACILITY	
5. PROGRAM ELE	MENT	6. CATEGORY CODE	7. PRO	DJECT NUMBER 8. PROJECT COST (\$000)				
27224		610-243	FB	NV073	3005	4	,600	
		9. COS'	T ESTII	MATES				
		ITEM		U/M	QUANTITY	UNIT	COST	
							2 110	
CROUD HEADOUAPI	FDG FACT	TACIDITI		GM	1 914	1 617	(3 095)	
ANTITERRORISM F	ORCE PRO	TECTION		SM	1,914	8	(15)	
SUPPORTING FACIL	ITIES						1,057	
UTILITIES				LS			(550)	
PAVEMENTS				LS			(180)	
SITE IMPROVEMEN	TS			LS			(250)	
COMMUNICATION S	UPPORT			LS			(50)	
DEMOLITION RAIL	ROAD			SM	600	45	(27)	
SUBTOTAL							4,167	
CONTINGENCY	(5.0%)					208	
TOTAL CONTRACT C	OST						4,375	
SUPERVISION, INS	PECTION	AND OVERHEAD	(5.7%)				249	
TOTAL REQUEST							4,625	
TOTAL REQUEST (R	OUNDED)						4,600	
EQUIPMENT FROM O	THER APP	ROPRIATIONS (NON-ADD)					(35.0)	
10. Descriptio	on of Pi	roposed Construction	n: Spli	t-fac	e block v	with reinford	ced concrete	
foundation and	floor s	slab, structural ste	el fram	ne, ar	nd standir	ng seam meta	roof. Fire	
detection/prote	ection,	utilities, site imp	provemen	nt, la	andscaping	, access roa	ads, parking,	
and all necessa	ary supp	port. Comply with I	DOD forc	e pro	otection 1	requirements	per unified	
facilities crit	eria.	Demolish rail road	(600 SM	1).				
11. Requirement	1g: 65	SM Adequate: 0.5	SM Su	Ibstar	dard: 0 9	SM		
PROTECT · Const	trugt a	CGAP group headquar	rtorg fa	ailit		Mission)		
DEOUTDEMENT.	The Comb	coard and Road	ICEIS IC		douartor	MISSION)	adoguato	
space for plan	ning, br	riefing, and support	ing ope	ratio	ons person	nel. This r	ission also	
requires space	to mair	ntain life support,	and cre	w roc	oms. For	e protection	n will comply	
with DOD unifie	ed facil	lities criteria.						
CURRENT SITUAT	ION: Da	avis-Monthan does no	ot have	any e	excess or	adequate fac	cilities to	
accomodate the	new CSA	AR HQ mission. The	headqua	rters	s personne	el are curren	ntly 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 unders:	ized and	d inadequately confi	igured.	Opei	rational a	and deployment	nt delays will	
persist. The t	cempora	ry facility lease wi	ill rema	in to	be a fig	scal require	ment until a	
DD FORM 1391. D	EC 99	Previous ed	litions	are o	bsolete.		Page No.	

1. COMPONENT		FY 2007 MILITARY	CONSTRU	JCTION PROJECT	DATA	2. DATE
AIR FORCE		(compu	uter ge	nerated)		
3. INSTALLATIO	ON AND L	OCATION		4. PROJECT TI	TLE	
DAVIS-MONTHAN	AIR FOR	CE BASE, ARIZONA		CSAR GROUP HE	ADQUARTERS FAC	ILITY
5. PROGRAM ELE	EMENT	6. CATEGORY CODE	7. PRO	JECT NUMBER	8. PROJECT CO	ST (\$000)
27224		610-243	FI	BNV073005	4,6	00
permanent faci	lity car	h be constructed.				
ADDITIONAL: T	his proj	ject meets the criti	ria/sco	ope specified	in Air Force Ha	andbook 32-
accomplishing	this pro	oject (status quo, 1	enovat:	ion, new const	ruction) was do	one. The
analysis indica	ates the	ere is only one opti	ion that	t will meet op	erational requi	rements. A
certificate of	excepti	ion has been prepare	ed. Bas	se Civil Engin	eeer: Lt Col Ka	arl S
BOSWOPTER, (520)228-340 TETCATT	DI. CSAR Group HQ H	acility	y: 1914 SM =	20594 SF.	and logation
are incompatib	le with	use by other compor	nents.	operacional CO	istuerations, a	ing rocation
_						

1. COMPONENT	FY 2007 MILITA	RY CONSTRUC	TION PROJECT	DATA	2. DATE
		inputti gene			
3. INSTALLATIO	JN AND LOCATION		4. PROJECT 1		
DAVIS-MONTHAN	AIR FORCE BASE, ARIZONA	<u> </u>	CSAR GROUP H	IEADQUARTERS F	ACILITY
5. PROGRAM EL	EMENT 6. CATEGORY C	ODE 7. PRO	JECT NUMBER	8. PROJECT CO	ST (\$000)
27224	610-243	FB	NV073005	4,	600
12. SUPPLEMEN	TAL DATA:				
a. Estimate	d Design Data:				
(1) Statu	s:				
(a) Da	te Design Started			10	-APR-05
(b) Pa	rametric Cost Estimates	used to dev	velop costs		YES
* (c) Pe	rcent Complete as of 01	JAN 2006			15%
* (d) Da	te 35% Designed			10	-SEP-05
(e) Da	te Design Complete			10	-SEP-06
(f) En	ergy Study/Life-Cycle ar	nalysis was/	will be perf	ormed	YES
(2) Bagig	•				
(2) Dabib (a) St	• andard or Definitive Des	sian -			NO
(b) Wh	ere Design Was Most Rece	ently Used -			No
(3) Total	Cost (c) = (a) + (b) or	(d) + (e):			(\$000)
(a) Pr	oduction of Plans and Sp	pecification	1S		276
(b) Al	1 Other Design Costs				138
(c) To	ital				414
(d) Co	ntract				345
(e) In	-nouse				69
(4) Const	ruction Contract Award				06 DEC
(5) Const	ruction Start				07 JAN
(6) Const	ruction Completion				08 FEB
* Indicat	es completion of Project	Definition	with Parame	tric Cost Esti	mate
which i	s comparable to tradition	onal 35% des	ign to ensur	e valid scope,	
cost an	d executability.				
b. Equipmen	t associated with this g	project prov	ided from ot	her appropriat	ions:
			ET CO	AT. VEAD	
EQUIPMEN	1 NOMENCLATURE	PROCURIN APPROPRIAT	G APPRO	PRIATED	COST (\$000)
COMMUNIC	ATION	3400	2	2007	10
FURNTTUR	2	3400		2007	25
1 OIGVII OIG	-	5100	-	1007	25

1. COMPONENT		FY 200)7 MILI	TARY C	CONSTI	RUCTIO	N PROG	GRAM	2. DATE	
AIR FORCE										
3. INSTALLATION A	ND LOC	ATION		4. CO	MMAND	:		5. AREA	A CONST	
BEALE AIR FORCE	BASE,			AIR CC	OMBAT	СОММА	ND	COST IN	IDEX	
CALIFORNIA								1.27		
6. Personnel	PE	RMANENT	-	S	<u> TUDEN</u>	ΓS	SU	IPPORTE	D	
Strength	OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV	TOTAL
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 DAT	ΓA (\$000)									
a. Total Acreage:		23,026								
b. Inventory Total as	of: (30	Sep 04)								1,708,639
c. Authorization Not	Yet in Inv	entory:								14,200
d. Authorization Reg	juested in	this Progr	am:							28,000
e. Authorization Incl	uded in th	e Followin	g Prog	ram:	(FY 200)8)				14,000
f. Planned in Next Fo	our Years	Program:								19,790
g. Remaining Deficie	ency:									90,700
h. Grand Total:	-									1,875,329
8. PROJECTS REQ	UESTED	IN THIS P	ROGR	AM:			(FY 200)7)		
CATEGORY							•	COST	DESIGN	STATUS
CODE	PROJEC	T TITLE				SCOPE		\$,000	<u>START</u>	CMPL
141-454	DCGS A	DAL Opera	ations F	acility		8,400 S	M	28,000	May-05	Jul-06
		•						,		
9a. Future Projects:	Included	in the Foll	owing	Program	า:	(FY)	2008)			
, 740-884	Child De	velopment	Cente	r		3,434 S	M	14,000		
		·								
9b. Future Projects:	Typical F	Planned Ne	ext Fou	r Years						
211-152	Repair A	ircraft Mair	ntenano	ce Unit		11,604	SM	11,290		
211-111	Upgrade	Maintenar	nce Do	ck 4		1,640	SM	8,500		
9c. Real Property Ma	aintenanc	e Backlog	This Ir	nstallatio	n:			64		
10. Mission or Major	⁻ Function	s: A recon	naissa	nce wind	g which	includes	two U-2	2 reconna	issance s	quadrons,
one of which is respo	onsible for	training a	II U-2 a	ircrews:	a Cont	inaencv	Airborne	Reconna	aissance	Svstem
(CARS): an Air Fore	Space Co	ommand m	issile v	varnina	squadro	n which	operate	s one of t	he Phase	d Arrav
Warning System (PA	VE PAWS	S) radars:	and an	Air For	ce Rese	rve wind	with KC	C-135 airc	raft: and (Global
Hawk UAV.		-,, -					,		,	
11. Outstanding Pol	lution and	Safety (O	SHA D	eficienc	ies):					
a. Air pollution					,					
b. Water Pollutio	n									
c. Occupational	Safetv an	d Health								
d. Other Environ	mental									

DD Form 1390, 24 Jul 00

1. COMPONENT		FY 2007 MILITARY	CONSTRU	JCTIO	I PROJECT	DATA	2. DATE
AIR FORCE	(computer generated)						
3. INSTALLATIO	N AND L	OCATION		4. P	ROJECT TI	TLE	
BEALE AIR FORC	E BASE,	CALIFORNIA		DIST	RIBUTED C	OMMON GROUND	SYSTEM ADAL
				OPER	ATIONS FA	CILITY	
5. PROGRAM ELE	EMENT	6. CATEGORY CODE	7. PRO	JECT 1	NUMBER	8. PROJECT	COST (\$000)
35208		141-454	BA	EY071	.006	28	,000
		9. COS'	T ESTI	MATES		I	
						UNIT	COST
		ITEM		U/M	QUANTITY	<u>r</u>	
DCGS OPERATIONS	FACILITY						21,106
OPERATIONS FAC	LITY ADI	DITION		SM	8,420	2,400	(20,208)
OPERATIONS FACE	LITY ALT	TERATION		SM	558	559	(312)
ANTITERRORISM/H	ORCE PRO	DTECTION		SM	8,978	65	(586)
SUPPORTING FACIL	ITIES						4,122
UTILITIES				LS			(750)
SITE IMPROVEMEN	TS			LS			(888)
PAVEMENTS				LS			(904)
DEMOLITION				SM	1,022	97	(99)
TEMPORARY WAREP	IOUSE			LS			(281)
COMMUNICATIONS	SUPPORT			LS			(1,200)
SUBTOTAL							25,228
CONTINGENCY	(5.0%)					1,261
TOTAL CONTRACT C	OST						26,489
SUPERVISION, INS	PECTION	AND OVERHEAD	(5.7%)				1,510
TOTAL REQUEST							27,999
TOTAL REQUEST (R	OUNDED)						28,000
10. Description	on of Pi	roposed Construction	n: Addi	tion	will con	sist of a two	-story metal
framed facility	y, mason	mry walls, standing	seam me	etal r	coof, con	crete floor s	slab,
utilities, fire	e detect	cion/suppression sys	stem, ir Sinishes	itrusi	lon alarm	s, pavements,	site
and parking.	1023 SM	of the exisitng fac	cility v	vill k	nascaping pe demolia	shed and repl	aced by the
addition to ena	able con	nnecting the old por	tions of	of the	facilit	y with the ne	ew. Temporary
warehouse space	e will b	pe provided. Altera	ation wi	ll er	compass	the installat	ion and
reconfiguration	n of wal	lls, and the upgrade	e of lig	hting	, roofing	g, fire suppr	ession and
electrical syst	tems ion	r integration into t alls and fully lamir	the expansion of the second	nglow	. Force	protection i	.ncludes
Air Conditioni	$a \cdot 40$)7 Tons	lacca #1		•		
11. Requirement	t: 1329) SM Adequate: 31	L60 SM	Suk	standard	: 1580 SM	
PROJECT: Addi	tion to	and Alteration of A	Air Ford	ce Dis	stributed	Common Grou	nd System (AF-
DCGS) Operation	ns Faci	lity. (New Mission)					
REQUIREMENT: A	Adequate	e and functional spa	ace is r	equir	red to co	llocate AF DO	GS mission
crews of up to	400 ope	erators and support	personr	nel, n	nission s	ystems, and i	nformation to
meet real-time	and nea	ar-real-time, high c	pos temp	0, 11	-garrison	n mission den	ands. Locate
time and real time demands. Facility must include space for 180 workstations and							
associated rack	ks and o	communications equip	ment; n	nechar	nical spa	ce; warehouse	space; and
command staff of	offices	. Facility must be	sized t	o aco	comodate (crew size bas	sed on number,
duration, and	Erequend	cy of world-wide int	elliger	nce, s	surveilla	nce, and reco	maissance
DD FORM 1391. T	DEC 99	Previous ed	litions	are o	bsolete.		Page No.

1. COMPONENT 2. DATE FY 2007 MILITARY CONSTRUCTION PROJECT DATA AIR FORCE (computer generated) 3. INSTALLATION AND LOCATION 4. PROJECT TITLE DISTRIBUTED COMMON GROUND SYSTEM ADAL BEALE AIR FORCE BASE, CALIFORNIA OPERATIONS FACILITY 6. CATEGORY CODE 7. PROJECT NUMBER 5. PROGRAM ELEMENT 8. PROJECT COST (\$000) 35208 141-454 BAEY071006 28,000

(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.

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 highbay 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.

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.

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)

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

1. COMPONENT	T FY 2007 MILITARY CONSTRUCTION PROJECT DATA 2. DATE							
AIR FORCE	AIR FORCE (computer generated)							
3. INSTALLATIO	ON AND L	OCATION		4. PROJECT I	ITLE			
BEALE AIR FOR	BEALE AIR FORCE BASE, CALIFORNIA DISTRIBUTED COMMON GROUND SYSTEM ADAL OPERATIONS FACILITY							
5. PROGRAM ELEMENT 6. CATEGORY CODE 7. PROJECT NUMBER 8. PROJECT COST (\$000)								
35208		141-454	BA	EY071006	28,	000		
12. SUPPLEMEN	TAL DATA	:						
a. Estimate	d Design	Data:						
(1) Statu	s:							
(a) Da	te Desig	n Started			04	-MAY-05		
(b) Pa	rametric	Cost Estimates used	d to dev	velop costs		YES		
* (c) Pe	rcent Co	mplete as of 01 JAN	2006			15%		
* (d) Da	te 35% I	Designed			10	-AUG-05		
(e) Da	te Desig	n Complete			10	-SEP-06		
(f) En	ergy Stu	dy/Life-Cycle analys	sis was/	will be perfo	ormed	YES		
(2) Basis	:							
(a) St	andard c	or Definitive Design	-			NO		
(b) Wh	ere Desi	gn Was Most Recently	7 Used -					
(3) Total	Cost (c	(a) = (a) + (b) or (d)	+ (e):			(\$000)		
(a) Pr	oduction	of Plans and Specif	Eicatior	ıs		1,680		
(b) Al	l Other	Design Costs				840		
(c) To	tal					2,520		
(d) Co	ntract					2,100		
(e) In	-house					420		
(4) Const	ruction	Contract Award				07 JAN		
(5) Const	ruction	Start				07 FEB		
(6) Const	ruction	Completion				09 FEB		
* Indicat which i cost an	es compl s compar d execut	etion of Project Def able to traditional ability.	inition 35% des	with Paramet	tric Cost Esti e valid scope,	mate		

b. Equipment associated with this project provided from other appropriations: $N/{\rm A}$

1. COMPONENT		FY 200)7 MIL	ITARY (CONST	RUCTIO	N PROG	GRAM	2. DATE	
AIR FORCE										
3. INSTALLATION A	3. INSTALLATION AND LOCATION 4. COMMANE							5. AREA	CONST	
EDWARDS AIR FOR	CE BAS	E		AIR FC	ORCE M	ATERIE	L	COST IN	IDEX	
CALIFORNIA				COMM	IAND:			1.29		
6. Personnel	PE	RMANEN	r	S	TUDEN	ГS	SU	PPORTE	D	
Strength	OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV	TOTAL
AS OF 30 SEP 05	818	2477	5129	,			29	20	112	8,585
END FY 2010	786	2333	5141				29	20	112	8,421
7. INVENTORY DAT	ΓA (\$000))								
Total Acreage:		300,911								
Inventory Total as of	: (30 Se	p 05)								4,004,521
Authorization Not Ye	t in Inven	tory:								124,813
Authorization Reques	sted in thi	is Program	1:		(FY200	7)				31,000
Authorization Include	d in the F	Following F	rogran	n:	(FY 200)8)				53,453
Planned in Next Thre	e Years l	Program:								83,907
Remaining Deficienc	y:									45,861
Grand Total:										4,343,555
8. PROJECTS REQ	UESTED	IN THIS F	ROGF	₹AM:			(FY 200	7)		
CATEGORY								COST	DESIGN	STATUS
CODE	PROJEC	<u>T TITLE</u>				<u>SCOPE</u>	<u>:</u>	\$,000	<u>START</u>	CMPL
111-111	Main Bas	se Runway	/, Ph 2'	***		65	HE	<u>31,000</u>	Design B	build
						Total		31,000		
***Congress authoriz	ed '06 w/	three phas	sed app	oropriati	ons					
9a. Future Projects:	Included	in the Fol	lowing	Program	n:	FY	[′] 2008)			
111-111	Main Bas	se Runway	/, Ph 3*	***		65	HE	35,000	Design B	uild
740-674	Fitness C	Center				5,051	SM	18,453	Design B	uild
l						Total		53,453		
***Congress authoriz	ed '06 w/	three phas	sed app	oropriati	ons					
9b. Future Projects:	Typical F	Planned No	ext Thr	ee Year	rs:		_			
131-111	Distribute	ed Network	<			754	SM	7,307		
	Telecom	munication	ıs Faci	lity						
311-171	Replace	Engineerir	ng Tech	nnical F	acility	5,888	SM	19,000		
311-171	Engine T	est Cell Bl	ock Fa	cility		2,026	SM	15,000		
318-614	Propulsic	on Energet	ics Sci	ence La	3b	3,446	SM	14,600		
319-442	West Bas	se Enginee	ering F	acility		4,978	SM	11,400		
422-258	Upgrade	Munitions	Comp	lex		2,168	SM	8,300		
842-245	South Ba	ase Water	Loop			3,353	М	1,300		
731-142	Flightline	Fire Station	on			2,920	SM	7,000		
9c. Real Propery Ma	aintenanc	e Backlog	This In	stallatio	on		_			108
10. Mission or Major	Function	s: Air Forc	e Fligh	nt Test C	Center w	/hich is r	esponsit	ole for flig	ht test ac	tivities for all
USAF aircraft and re	lated avic	onics, flight	contro	ol, and w	veapons	system	s; a test	wing; an	air base v	ving; Air Force
Test Pilot School; the	e Propulsi	ion Directo	rate of	the Air	Force R	lesearch	i Laborat	tory; a sp	ace surve	illance
squadron; and a lanc	ling site fo	or the space	ce shut	tle.						
11. Outstanding poll	ution and	Safety (O	SHA D	eficienc	vies):					
a. Air pollution								0		
b. Water Pollutio	n							0		
c. Occupational	Safety an	d Health						0		
d. Other Environ	mental							0		

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1. COMPONENT		FY 2007 MILITARY	CONSTRU	JCTIO	N PROJECT	DATA	2. DATE		
AIR FORCE		(compu	uter gen	nerate	ed)				
3. INSTALLATIC	N AND L	OCATION		4. P	ROJECT TI	TLE			
EDWARDS AIR FO	RCE BAS	E, CALIFORNIA		MAIN	BASE RUN	WAY, PHASE 2			
5. PROGRAM ELE	MENT	6. CATEGORY CODE	7. PRO	JECT 1	NUMBER	8. PROJECT (COST (\$000)		
72806		111-111	FS	PM013	504A	API	P: 31,000		
	9. COST ESTIMATES								
		ТТЕМ		TT/M	OIIANTTTY	UNIT	COST		
		1154		0/M					
REPLACE MAIN BAS	E RUNWAY						87,825		
NEW TEMPORARY R	NWAY			SM	260,223	120	(31,227)		
REPAIR EXISTING	RUNWAY			SM	390,335	145	(56,599)		
SUPPORTING FACIL	ITIES						4,950		
TAXIWAY CONNECT	ORS			LS			(1,100)		
TURN AROUND PAD)			LS			(450)		
RELOCATE UTILII	IES			LS			(2,100)		
BAK-12 ARRESTIN	IG SYSTEM	I RELOCATION		LS			(1,300)		
SUBTOTAL							92,775		
CONTINGENCY	(5.0%)						4,639		
TOTAL CONTRACT C	OST						97,414		
SUPERVISION, INS	PECTION	AND OVERHEAD (5	5.7%)				5,553		
TOTAL REQUEST							102,967		
TOTAL REQUEST (R	OUNDED)						103,000		
10. Description feet) and length shoulders. Rep 12 barriers and aircraft include	on of Pr th (15,0 place wi d utilit ding the	coposed Construction 000 feet) of the exi th 20 inches thick ties. The repaired a B-52.	n: Remo isting c concret runway	ove ar concre ce wit must	nd replace ete main n ch 12 inch be capabl	e the full wi runway and as n soil cement le of support	dth (300 phalt base. BAK- ing large		
11. Requirement	t: 39033	5 SM Adequate: () SM	Subst	andard: 3	390335 SM			
PROJECT: Main	base ru	nway, phase 2. (Cu	urrent M	lissio	on)				
REQUIREMENT:	Edwards	AFB requires a runv	way that	c an	safely su	upport a wide	range of		
aircraft test o	operatio	ons, including laund	ch and 1	ecove	ery of pro	ototype aircr	aft, 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 transi	er or a	and in a second se	ns irom	the e	existing i	runway during	construction.		
aircraft, wet h	orake te	esting of heavy airc	raft, f	not we	eather ope	erations of s	pecific		

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

Page No.

1. COMPONENT		FY 2007 MILITARY	CONSTRU	JCTION PROJECT	DATA	2. DATE		
3. INSTALLATIC	IN AND L			4. PROJECT TI				
EDWARDS AIR FO	RCE BAS	E, CALIFORNIA		MAIN BASE RUN	WAY, PHASE 2			
5. PROGRAM ELE	EMENT	6. CATEGORY CODE	7. PRO	JECT NUMBER	8. PROJECT CO	ST (\$000)		
72806		111-111	FS	PM013504A	APPN	: 31,000		
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. <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. <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)) Approg	priation requi	red \$35,000,000	D.		
JOINT USE CERT does not quali: installation a:	IFICATIO fy for <u>:</u> re benef	<u>DN:</u> This is an insta joint use at this lo fited by this projec	allation ocation	n utility/infr . However, al	astructure proj 1 tenants on ti	ject, and his		
AUTHORIZATION	AND APPI	ROPRIATION SUMMARY						
		APPROVED BY						
		CONGRESS		REQUESTED				
		FY 2006		FY 2007				
AUTHORIZATION (PROJECT	OF THE	\$103.OM		0				
AUTHORIZATION	FOR	\$37.0M		\$31.OM				
APPROPRIATION		\$37.0M		\$31.OM				

1. COMPONENT		FY 2007 MILITARY C	ONSTRU	JCTION PROJECT	DATA	2. DATE		
AIR FORCE		(comput	er gei	nerated)				
3. INSTALLATIO	ON AND LO	OCATION		4. PROJECT TIT	LE			
EDWARDS AIR FO	ORCE BAS	E, CALIFORNIA		MAIN BASE RUNW	AY, PHASE 2			
5. PROGRAM EL	EMENT	6. CATEGORY CODE	7. PF	ROJECT NUMBER	8. PROJECT CO	ST (\$000)		
72806		111-111	F	SPM013504A	APP	N: 31,000		
12. SUPPLEMEN	TAL DATA	.:						
a. Estimate	d Design	Data:						
(1) Projec	(1) Project to be accomplished by design-build procedures							
(2) Basis: (a) St (b) Wh	: andard o ere Desi	or Definitive Design gn Was Most Recently	- 7 Usec	l -		NO		
(3) All Ot	ther Des	ign Costs				1,550		
(4) Consti	ruction	Contract Award				07 FEB		
(5) Consti	ruction	Start				07 APR		
(6) Construction Completion 08 SEP								
(7) Energy Study/Life-Cycle analysis was/will be performed NO								
b. Equipment associated with this project provided from other appropriations: N/A								

1. COMPONENT		FY 2()07 MI	LITARY	CONSTR	IOITOU	N PROG	RAM	2. DATE	
AIR FORCE		l								
3. INSTALLATION A	AND LOC/	ATION		4. CO	MMAND:			5. AREA	CONST	
TRAVIS AIR FORCE	BASE		I	AIR MO	JBILITY C	OMMAN	١D	COST IN	DEX	
CALIFORNIA								1.24		
6. Personnel	PE	RMANENT		S	TUDENTS	,	SU	JPPORTE	D	
Strength	OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV	TOTAL
AS OF 30 SEP 05	1786	8955	2369	0	0	0	72	698	1158	15,038
END FY 2010	1804	8900	2317	0	0	0	72	698	1158	14,949
7. INVENTORY DAT	Γ <u>Α (</u> \$000)									
Total Acreage:	6383									
Inventory Total as of	: (30 Sep	o 05)								3,060,808
Authorization Not Ye	t in Invent	tory:								170,705
Authorization Reques	sted in thi	s Program	:							73,900
Authorization Include	ed in the F	ollowing P	rogram	า:	(FY 2008))				0
Planned in Next Thre	e Years F	Program:	-		``					62,383
Remaining Deficiency	y:	-								88,100
Grand Total:										3,455,896
8. PROJECTS REQ	UESTED	IN THIS P	ROGR	AM:		(FY 200)7)			
CATEGORY							•	COST	DESIGN	STATUS
CODE	PROJEC	; <u>T TITLE</u>				<u>SCOPE</u>	÷	<u>\$,000</u>	<u>START</u>	CMPL
211-173	C-17 2-B	ay Hangar	i.			9,848	SM	50,400	Design - Bı	Jild
112-211	C-17 Tax	kiway Lima				34,608	SM	8,500	Mar-05	Sep-06
216-642	C-17 Mur	nitions Sto	rage Fa	acility		1,055	SM	6,200	Jun-05	Sep-06
851-147	C-17 Roa	ads/Utilities	3	-		32,550	SM	8 <u>,800</u>	May-05	Sep-06
							TOT <u>AL</u>	73,900	· ·	
9a. Future Projects:	Included	in the Foll	owing	Program	∩: (F`	Y2008)				
	None			-						
9b. Future Projects:	Typical F	lanned Ne	ext Three	ee Year	s:					
111-111	Repair El	lectrical &	Runwa	ıy 03R/2	21L	1	LS	38,000		
610-127	BCE Con	nplex		-		11,044	SM	24,383		
		-					TOTAL	62,383	' 	
9c. Real Property Ma	aintenanc	e Backlog;	This Ir	stallatic	on (\$M)					170
10 Mission or Major			Air Fo	rco: an	oir mohilit		with two (2 5 equad	rope and two	~ KC_10 air
TU. MISSION OF Major		S. Electron	i Ali i o Soir mo	//Ce, an shility wi	all mooning	/ Wing w	nt Medic	2-0 Syuau Anter	10115 and two) NG-10 all
reiueiing squaurons,		A5500iai0		Dinty wi	ng, anu Da			al Center.		
11. Outstanding poll	ution and	Safety (OS	SHA D	eficienc	ies):					
a. Air pollution								0		
b. Water Pollutio	n							0		
c. Occupational	Safety and	d Health						0		
-	-									
d. Other Environ	mental							0		

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1. COMPONENT		FY 2007 MILITARY	CONSTRU	CTION	I PROJECT	DATA	2. DATE	
AIR FORCE	R FORCE (computer generated)							
3. INSTALLATIO	N AND L	OCATION		4. P	ROJECT TI	FLE		
TRAVIS AIR FOR	RCE BASE	, CALIFORNIA		C-17	TWO-BAY H	IANGAR		
5. PROGRAM ELE	EMENT	6. CATEGORY CODE	7. PRO	JECT 1	NUMBER	8. PROJECT	COST (\$000)	
41130 211-173 XDAT043016 50,400								
		9. COS'	T ESTIN	IATES	I			
						UNIT	COST	
		ITEM		U/M	QUANTITY			
C-17 TWO BAY HAN	IGAR						31,472	
CONSTRUCT HANGA	R			SM	9,848	2,678	(26,373)	
ALTER BLDG 250				SM	1,384	1,691	(2,340)	
HEF FIRE PROTEC	TION SYS	TEM		LS			(2,500)	
ANTITERRORISM F	ORCE PRO	TECTION		SM	9,848	26	(258)	
SUPPORTING FACIL	ITIES						13,930	
SITE IMPROVEMEN	TS/EXTER	IOR LIGHTING		LS			(2,250)	
PAVEMENT/PAVEME	INT & ABC	VE GROUND TANK DEMO		LS			(3,750)	
DEMOLITION/LEAD	PAINT/A	SBESTOS/SURVEYS		SM	8,057	525	(4,230)	
UTILITIES/COMM	SUPPORT			LS			(2,000)	
FALL ARRESTING	SYSTEM			EA	2	100,000	(200)	
SOIL REMEDIATIO	N AND RE	MOVAL		LS			(1,500)	
SUBTOTAL							45,402	
CONTINGENCY	(5.0%)						2,270	
TOTAL CONTRACT C	OST						47,672	
SUPERVISION, INS	PECTION	AND OVERHEAD (5	.7%)				2,717	
TOTAL REQUEST							50,389	
TOTAL REQUEST (R	OUNDED)						50,400	
EQUIPMENT FROM C	THER APP	ROPRIATIONS (NON-ADD)					(1,100)	
10. Descriptio	on of Pr	oposed Construction	n: Cons	truct	a 2-bay,	full-in ma:	Intenance	
hangar for main	ntaining	C-17 aircraft with	n struct	ural	steel fra	me on reinfo	orced concrete	
pier and beam f	Eoundati	on, metal insulated	l panel	sidir	ng, standi	ng seam meta	al roofing	
system, CMU int	terior p	artitions on concre	ete slab	four	dation an	d fire prote	ection.	
Includes admin	area, r	estrooms & any othe	er work	assoc	iated wit	h project.	AT/FP	
840 will be acc	omplish	ed under this proje	ndards.	Demo	officion of	facilities	835, 839, and	
Air Conditioni	ng. 44	0 Tons						
11. Requirement	t: 9848	SM Adequate: 0 S	SM Su	bstar	ndard: 824	2 SM		
PROJECT: Const	truct tv	- ro-bay, full-in C-17	7 mainte	nance	hangar (New Mission)	
REQUIREMENT: 2	A genera	l-purpose hangar pr	ovides	space	e for sche	duled and u	nscheduled	
inspections, scheduled and unscheduled maintenance, landing gear retraction tests,								
aircraft weighing, airframe repairs, and technical order compliance and modifications.								
To accomplish w	weight a	nd balancing requir	rements	the f	loor must	be level an	nd footprints	
stressed for C-17 aircraft. Since all these required items cannot be accomplished in the								
bed down In g	OI COVE	ered maintenance spa	hanger	acces	./ needs t	ty lighting	aces for proper	
lots shall also	be rec	uired. Building 250), curre	ntlv	occupied	by administ	rative	
personnel, will	l be rer	novated for temporar	ry use f	or re	eserve uni	t currently	occupying	

DD FORM 1391, DEC 99

building 835, which is required to be demolished to make space for the new maintenance

Page No.

1. COMPONENT	FY 2007 MILITARY CON	2. DATE		
AIR FORCE	(computer			
3. INSTALLATION AND LOCATION 4. PROJECT TITLE				
TRAVIS AIR FOR	CE BASE, CALIFORNIA			
5. PROGRAM ELE	EMENT 6. CATEGORY CODE 7.	PROJECT NUMBER 8. PROJE	CT COST (\$000)	

211 - 173

XDAT043016

50,400

hangar.

41130

<u>CURRENT SITUATION:</u> 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 remodified 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 aicraft that will be assigned to Travis AFB.

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

<u>ADDITIONAL</u>: 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	NT FY 2007 MILITARY CONSTRUCTION PROJECT DATA 2. DATE (computer generated)								
3. INSTALLATIO	ON AND L	OCATION			4. PRO	JECT TII	LE		
TRAVIS AIR FO	RCE BASE	, CALIFORNIA			С-17 Т	WO-BAY H	IANGAR		
5. PROGRAM EL	EMENT	6. CATEGORY	CODE	7. PR	OJECT 1	NUMBER	8. PROJECT CO	ST (\$000)	
41130		211-173		х	DAT043	016	50,	400	
12. SUPPLEMEN	TAL 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								07 JAN	
(5) Constr	ruction	Start						07 FEB	
(6) Constr	ruction	Completion						09 MAR	
(7) Energy	y Study/	Life-Cycle anal	ysis v	was/wi	ll be :	performe	ed	YES	
b. Equipmen	t associ	ated with this	proje	ct pro	ovided	from oth	ner appropriat	ions:	
EQUIPMENT	' NOMENCI	ATURE	PROC	URING	APPRO	FISCA APPRO OR RE	AL YEAR PRIATED QUESTED	COST (\$000)	
FURNITURE	6			3080)	2	007	500	
FALL ARRE	STING SY	STEM		3080)	2	2007	200	
WLAN (WIF	RELESS LA	AN)		3080)	2	2007	400	

1. COMPONENT		FY 2007 MILIT	TARY	CONSTRU	CTION	I PROJECT	DATA	2. DATE	
AIR FORCE	(computer generated)								
3. INSTALLATIC	N AND L	OCATION			4. PROJECT TITLE				
TRAVIS AIR FOR	CE BASE	, CALIFORNIA			C-17 TAXIWAY LIMA				
5. PROGRAM ELE	MENT	6. CATEGORY CO	ODE	7. PROC	JECT 1)ST (\$000)			
41130		112-211		XD	AT063	001	8,5	00	
		9.	COS	r estin	IATES	I			
							UNIT	COST	
		ITEM			U/M	QUANTITY			
C-17 TAXIWAY LIM	A							6,048	
TAXIWAY						30,215	190	(5,741)	
TAXIWAY SHOULDE	RS				SM	4,393	70	(308)	
SUPPORTING FACIL	ITIES				İ			1,621	
DEMO TAXIWAY					SM	30,215	50	(1,511)	
DEMO TAXIWAY SH	OULDERS				SM	4,393	25	(110)	
SUBTOTAL								7,669	
CONTINGENCY	(5.0%)						383	
TOTAL CONTRACT C	OST						-	8,052	
SUPERVISION, INS	PECTION 2	AND OVERHEAD		(5.7%)				459	
TOTAL REQUEST						-	8,511		
TOTAL REQUEST (R	OUNDED)							8,500	
10. Description and replace with (taxiway keel).	on of Pr ch 4,393	oposed Construc SM of asphalt	tior (tax	n: Remo kiway sh	ve ex oulde	risting paters) and 3	avements on Ta 30,215 SM of c	xiway Lima oncrete	
11. Requirement	: 34608	SM Adequate	e: 0	SM S	ubsta	ndard: 34	1608 SM		
PROJECT: Repa:	ir C-17	Taxiway Lima.	(Nev	v Missic	n)				
REQUIREMENT: A Runway 21R/03L	A primar and acc	y taxiway in go ess to the prop	ood o oosed	conditio 1 new mi	n tha ssion	t will al C-17 har	llow access to ngars. First	the end of C-17s are	
expected to arr	rive in	FY06/4.							
CURRENT SITUAT	LON: Ta taxiwa	xiway Lima has v are failing w	tail bict	led and has cr	is in eated	need of	major repair. 15 Foreign Obi	Concrete	
(FOD) hazard to	o aircra	ft engines. Th	ne Ai	rfield	Paven	ents Cond	lition Survey	Engineering	
Assessment from	n May 20	03 rated Taxiwa	чу Li	ima as "	unsat	isfactory	7". This ra	ting was	
assigned based	on the	fact that this	pave	ement ha	s FOI	-producin	ng distress li	ke high-	
severity longit	udinal,	transverse, an	nd di and b	lagonal	crack	ing, as v	vell as joint	sealant e this	
taxiway under t	heir ow	n power due to	thes	se sever	e FOI) issues.	The work-arc	und being	
used by Travis	AFB is	to tow aircraft	: whe	enever u	se of	this tax	kiway is requi	red for	
hangar or runwa	ay acces	s. Under curr	rent	mission	cond	litions, t	the base is ab	le to	
minimize the us	se of Ta	xiway L. The C	2-17	beddown	will	dramatic	cally change t	he intensity	
maintenance fac	vay L, с silities	ecause a two-ba 	iy C-	-1/ nang Decome t	ar wi he fo	cal point	of maintenan	ng with other	
activities, and	l contin	ued towing of a	all a	aircraft	will	. no longe	er be practica	l with the	
increased airc	aft tra	ffic. This pr	ojec	t is la	te to	need; wh	nen the first	increment of	
C-17's arrive t	his wor	karound will ha	ave t	o be ma	intai	ned until	l the taxiway	is repaired.	
IMPACT IF NOT I	PROVIDED	: The focal po	oint	of C-17	mair	ntenance a	activities wil	l be very	
inefficient and	d advers	ly affect missi	ion o	capabili	ty ra	tes. If	this project	is not	
movements and v	ng WIII Will are	be required in atly hamper the	tnis mai	s severe	e mis	area for	operational e	or C-17 ffectiveness	
	gro	enc					-peractonar e		

1. COMPONENT		FY 2007 MILITARY CONSTRUCTION PROJECT DATA							
AIR FORCE		(computer generated)							
3. INSTALLATION AND LOCATION 4. PROJECT TITLE									
TRAVIS AIR FOR	RCE BASE	, CALIFORNIA			C-17 TAXIWAY LIMA				
5. PROGRAM ELE	CMENT	6. CATEGORY	CODE	7. PRO	JECT NUMBER	8. PROJECT CO	ST (\$000)		
41130		112-21	1	XI	AT063001	8,5	00		

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.

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).

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 C	ONSTRUCTION PRO	JECT DATA	2. D	ATE	
		(comput	<u> </u>				
3. INSTALLATIO	ON AND LO	OCATION	4. PROJ	ECT TITLE			
TRAVIS AIR FO	RCE BASE	, CALIFORNIA	C-17 TA	XIWAY LIMA			
5. PROGRAM EL	EMENT	6. CATEGORY CODE	7. PROJECT NUM	BER 8. PROJ	. PROJECT COST (\$000)		
41130		112-211	XDAT063001		8,500		
12. SUPPLEMEN a. Estimate	TAL DATA d Design	: Data:					
(1) Statu	s:						
(a) Da	te Desig	n Started			15-MAR-0)5	
(b) Pa	rametric	Cost Estimates used	i to develop cos	sts	YE	ES	
* (c) Percent Complete as of 01 JAN 2006 35%							
* (d) Date 35% Designed 30-SEP-05							
(e) Date Design Complete 30-S							
(f) En	ergy Stu	dy/Life-Cycle analys	is was/will be	performed	Ň	10	
(2) Basis	:						
(a) St	andard c	or Definitive Design	-		N	10	
(b) Wh	ere Desi	gn Was Most Recently	7 Used -				
(2)1		$(\mathbf{a}) = (\mathbf{a}) + (\mathbf{b}) = (\mathbf{d})$	() .		(\$0.0)	• •	
(3) IOLAI		(\$000)) 10				
(a) PI (b) Al	25	55					
(c) To	76	55					
(d) Co	68	30					
(e) In	-house				ε	35	
(4) Const	ruction	Contract Award			07 J#	AN	
(5) Const	ruction	Start			07 FF	₹B	
(6) Const	ruction	Completion			08 M2	AR	
* Indicat which i cost an	es compl s compar d execut	etion of Project Def able to traditional ability.	inition with Pa 35% design to e	arametric Cos ensure valid	st Estimate scope,		
b. Equipmen N/A	t associ	ated with this proje	ct provided fro	om other appr	copriations:		

1. COMPONENT		FY 2007 MILITARY CONSTRUCTION PROJECT DATA 2. DATE								
AIR FORCE		(comp	uter gen	nerate	ed)					
3. INSTALLATIO	N AND L	OCATION		4. PROJECT TITLE						
TRAVIS AIR FORCE BASE, CALIFORNIA					MUNITION	S STORAGE FA	CILITY			
5. PROGRAM ELE	MENT	6. CATEGORY CODE	7. PRO	JECT	NUMBER	8. PROJECT COST (\$000)				
41130		216-642	XI	AT033	3002	6	6,200			
9. COST ESTIMATES										
					UNIT	COST				
		ITEM	U/M	QUANTITY						
C-17 MUNITIONS S	TORAGE F.	ACILITY				3,746				
MUNITIONS MAINTENANCE FACILITY					505	3,980	(2,010)			
MUNITIONS STORAGE FACILITIES					550	3,100	(1,705)			
AT/FP PHYSICAL	SECURITY	MEASURES		LS			(31)			
SUPPORTING FACIL	ITIES						1,843			
SITE IMPROVEMEN	TS			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 C	OST						5,868			
SUPERVISION, INS	PECTION	AND OVERHEAD	(5.7%)				334			
TOTAL REQUEST							6,202			
TOTAL REQUEST (R	OUNDED)	TOTAL REQUEST (ROUNDED)					6,200			

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.

Air Conditioning: 35 Tons

11. Requirement: 1055 SM Adequate: 0 SM Substandard: 209 SM

PROJECT: Construct New Munitions Maintenance and Storage Facilities. (New Mission) 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

Page No.

1. COMPONENT	FY 2007 MILITARY	DATA	2. DATE			
AIR FORCE	(compu					
3. INSTALLATIC	ON AND LOCATION		4. PROJECT TITLE			
TRAVIS AIR FOR	S STORAGE FACI	LITY				
5. PROGRAM ELE	EMENT 6. CATEGORY CODE 7. PROJECT NUMBER 8. PROJECT COST (\$					

41130 216-642 XDAT033002 6,200 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.

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.

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.

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. 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).

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.

. COMPONENT		FY 2007 MILITARY Concerned (compute	ONSTRUCTION PROJECT er generated)	DATA	2. DATE		
			4				
5. INSTALLATIO		JCATION	4. PROJECT 1	TTLE			
TRAVIS AIR FOR	RCE BASE	, CALIFORNIA	C-17 MUNITIC	NS STORAGE FAC	CILITY		
5. PROGRAM EL	EMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT CO	ST (\$000)		
41130		216-642	XDAT033002	6,	200		
12. SUPPLEMEN	TAL DATA	:					
a. Estimate	d Design	Data:					
(1) Statu	s:						
(a) Da	te Desig	n Started		10	-JUN-05		
(b) Pa	rametric	Cost Estimates used	d to develop costs		YES		
* (c) Pe	rcent Co	mplete as of 01 JAN	2006		35 %		
* (d) Da	te 35% D	esigned		10	-AUG-05		
(e) Da	te Desig	n Complete		10	-SEP-06		
(f) En	ergy Stu	dy/Life-Cycle analys	sis was/will be perf	ormed	YES		
(2) Basis	:						
(a) St	andard c	or Definitive Design	-		NO		
(b) Wh	ere Desi	gn Was Most Recently	y Used -				
(3) Total	Cost (c) = (a) + (b) or (d)) + (e):		(\$000)		
(a) Production of Plans and Specifications							
(b) All Other Design Costs							
(c) Total							
(d) Contract							
(e) In	-house				62		
(4) Const:	ruction	Contract Award			07 JAN		
(5) Const	ruction	Start			07 FEB		
(6) Const	ruction	Completion			08 JUN		
	_	and an all products pro-	inition with Doromod	tria Coat Rati	mato		
* Indicat which i cost an	es compl s compar d execut	able to traditional ability.	35% design to ensure	e valid scope,	mate		
* Indicat which i cost an b. Equipmen N/A	es compl s compar d execut t associ	able to traditional ability. ated with this proje	35% design to ensure	e valid scope, ner appropriat	ions:		
 * Indicat which i cost an b. Equipmen N/A 	es compl s compar d execut t associ	able to traditional ability. ated with this proje	35% design to ensure	e valid scope,	ions:		
 * Indicat which i cost an b. Equipmen N/A 	es compl s compar d execut t associ	able to traditional ability. ated with this proje	35% design to ensure	e valid scope,	ions:		
 * Indicat which i cost an b. Equipmen N/A 	es compl s compar d execut t associ	able to traditional ability. ated with this proje	35% design to ensure	e valid scope,	ions:		
 * Indicat which i cost an b. Equipmen N/A 	es compl s compar d execut t associ	able to traditional ability. ated with this proje	35% design to ensure	e valid scope,	ions:		
* Indicat which i cost an b. Equipmen N/A	es compl s compar d execut t associ	able to traditional ability. ated with this proje	35% design to ensure	e valid scope,	ions:		
 * Indicat which i cost an b. Equipmen N/A 	es compl s compar d execut t associ	able to traditional ability. ated with this proje	35% design to ensure	e valid scope,	ions:		
 * Indicat which i cost an b. Equipmen N/A 	es compl s compar d execut t associ	able to traditional ability. ated with this proje	35% design to ensure	e valid scope,	ions:		
* Indicat which i cost an b. Equipmen N/A	es compl s compar d execut t associ	able to traditional ability. ated with this proje	35% design to ensure	e valid scope,	ions:		
* Indicat which i cost an b. Equipmen N/A	es compl s compar d execut t associ	able to traditional ability. ated with this proje	35% design to ensure	e valid scope,	ions:		
* Indicat which i cost an b. Equipmen N/A	es compl s compar d execut t associ	able to traditional ability. ated with this proje	35% design to ensure	e valid scope,	ions:		
 * Indicat which i cost an b. Equipmen N/A 	es compl s compar d execut t associ	able to traditional ability. ated with this proje	35% design to ensure	e valid scope,	ions:		
 * Indicat which i cost an b. Equipmen N/A 	es compl s compar d execut t associ	able to traditional ability. ated with this proje	35% design to ensure	e valid scope,	ions:		

1. COMPONENT		FY 2007 MILITARY	CONSTRU	JCTION	I PROJECT	DATA	2. DATE	
AIR FORCE		(compu	iter gei	nerate	ed)			
3. INSTALLATIO	ON AND L	OCATION		4. PROJECT TITLE				
TRAVIS AIR FOR	RCE BASE	CALIFORNIA		C-17	ROADS/UT	ILITIES		
5. PROGRAM ELE	EMENT	6. CATEGORY CODE	7. PRO	JECT 1	NUMBER	8. PROJECT C	OST (\$000)	
41130		851-147	XI	DAT053007 8,800				
		9. COS	T ESTI	MATES	1			
						UNIT	COST	
		ITEM		<u>U/M</u>	QUANTITY			
C-17 ROADS/UTILITIES							6,601	
ELECTRICAL					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 FACIL	ITIES						1,333	
COMMUNICATIONS			LM	4,100	325	(1,333)		
SUBTOTAL						7,934		
CONTINGENCY	(5.0%)					397	
TOTAL CONTRACT COST							8,331	
SUPERVISION, INS	PECTION	AND OVERHEAD	(5.7%)				475	
TOTAL REQUEST						-	8,805	
TOTAL REQUEST (R	OUNDED)						8,800	
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 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. Commmunication duct banks, fiber optic and telephone wiring, and appurtenances will be installed. Landscaping and irrigation will be provided as required.								
PROJECT: Road	and uti	ility improvements ((New Mis	ssion)).			
the C-17 beddo	upgrade wn.	utility intrastruct	ure to	suppo	ort new co	nstruction as	sociated with	
CURRENT STTUAT	 ТО № т≁	ravis AFB has 24 KC.	-10'e ar	nd 16	С-5'е т	ev are beddir	ng down 12 C-	
17's. In suppo	ort of t	this new beddown, 20) differ	ent M	ILCON pro	jects are in	progress or	
planned. These	project	s include new facil	lities]	ike a	2-Bay ha	ngar and Main	tenance	

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.

1. COMPONENT	FY 2007 MILITARY	DATA	2. DATE			
AIR FORCE	(comp					
3. INSTALLATIO	N AND LOCATION		4. PROJECT TITLE			
TRAVIS AIR FOR	CE BASE, CALIFORNIA		C-17 ROADS/UTILITIES			
5. PROGRAM ELE	MENT 6. CATEGORY CODE	7. PRO	JECT NUMBER	8. PROJECT CO	ST (\$000)	

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.

XDAT053007

8,800

851-147

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)

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.

41130

1. COMPONENT AIR FORCE	1. COMPONENT FY 2007 MILITARY CONSTRUCTION PROJECT DATA 2. DATE AIR FORCE (computer generated)								
3 TNGTATIATT		OCATION	.						
		GIL FRODULD		4. PROJECT					
TRAVIS AIR FO	RCE BASE	, CALIFORNIA		C-17 ROADS/U					
5. PROGRAM EL	EMENT	6. CATEGORY CODE	7. PROC	JECT NUMBER	8. PROJECT CO	ST (\$000)			
41130		851-147	XD2	AT053007	8,	800			
12. SUPPLEMEN	TAL DATA	:							
a. Estimate	d Design	Data:							
(1) Statu	s:								
(a) Da	te Desig	n Started			10	-MAY-05			
(b) Pa	rametric	: Cost Estimates used	d to dev	elop costs		YES			
* (c) Pe	rcent Co	mplete as of 01 JAN	2006			35%			
* (d) Da	te 35% D	Designed			10	-AUG-05			
(e) Da	te Desig	n Complete			10	-SEP-06			
(I) EN	ergy stu	dy/Life-Cycle analys	sis was/	will be peri	ormed	NO			
(2) Basis	:								
(a) St	andard c	or Definitive Design	-			NO			
(b) Wh	ere Desi	gn Was Most Recently	7 Used -						
(2) [[() = (a) + (b) = (d)	(-)			(\$000)			
(3) TOTAL	Cost (C	(a) = (a) + (b) or (d)	+ (e):	-		(\$000)			
(a) PI (b) Al	(a) Production of Plans and Specifications								
(C) TO	tal	Design Costs				792			
(d) Co	704								
(e) In	-house					88			
(4) Const	ruction	Contract Award				07 JAN			
(5) Const	ruction	Start				07 FEB			
(6) Const	ruction	Completion				08 JUN			
* Indicat which i cost an	es compl s compar d execut	etion of Project Def able to traditional ability.	inition 35% des	with Parame ign to ensure	tric Cost Esti e valid scope,	mate			
b. Equipmen N/A	t associ	ated with this proje	ect prov	ided from ot	her appropriat	ions:			

1. COMPONENT		FY 200	7 MILI	TARY (CONST	RUCTIO	N PROG	GRAM	2. DATE	
AIR FORCE										
INSTALLATION AND	LOCATI	ON		COMM	AND:			5. AREA	CONST	
BUCKLEY AIR FOR	CE BASE			AIR FC	RCE S	PACE		COST IN	IDEX	
COLORADO				СОММ	AND			1.01		
6. Personnel	PEI	RMANENT	-	S	TUDEN	TS	SU	JPPORTED		
Strength	OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV	TOTAL
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 DAT	FA (\$000)	-								
Total Acreage:		3,872								
Inventory Total as of	: (30 Sep	05)								444,569
Authorization Not Ye	t in Invent	ory:								100,060
Authorization Reques	sted in thi	s Program	:		(FY 200	07)				10,700
Authorization Include	d in the F	ollowing P	rogram	า:	(FY 200))				0
Planned in Next Thre	e Years F	Program:	5			,				53,800
Remaining Deficienc	y:	J								38,300
Grand Total:	•								•	647,429
8. PROJECTS REQ	UESTED	IN THIS P	ROGR	AM:			(FY 200	7)		, -
CATEGORY							,	COST	DESIGN	STATUS
CODE	PROJEC	T TITLE				SCOPE		\$,000	START	CMPL
124-135	Consolida	ated Fuels	Facilit	v		10000	BL	10,700	Design B	uild
				•		Total		10.700		
9a. Future Projects	Included	in the Foll	owina	Program	า:	(FY	2008)	,		
	None					(,			
9b. Future Projects:	Typical F	lanned Ne	ext Thre	ee Year	s:					
442-758	Logistics	Readines	s Comr	olex		2.290	SM	5,500		
730-441	Education	n Center				2.045	SM	6.700		
740-674	Fitness C	Center (AD	AL)			687	SM	10.500		
730-835	Security	Forces On	eration	s Facilit	V	2.798	SM	10.400		
179-511	Fire Cras	h Rescue	Station)	5	_,. 53	EA	7.000		
442-758	Consolida	ated Base	Wareh	ouse		9,293	SM	9.100		
214-425	Vehicle N	/laintenanc	e Faci	lity		1.812	SM	4.600		
-			2.5			Total		53,800	•	
								00,000		
9c. Real Properv Ma	aintenance	e Backlog	This In	stallatio	n (\$M)				10	
	- Function	o. A croce	010		(+···)			oporation		
10. IVIISSION OF Major		s: A space	group	; a spac	e warni	ng squad	uron; an	operation	is support	squaaron;
Aerospace Data Fac	inty; an Al		serve		nu spac	e warnir	ig squad	non; and	an Air Na and an a	
Guard wing with F-16		noviaing C	unipat	capabili	ty throu	yn supel	nor serv	ices to all	and space	e, DOD
missions and expedit	uonary for	ces.								
	ution or -	Sofet /O		oficiar	loor			(¢ N <i>I</i>)		
	ution and	Salety (US	SHA) L	vencienc	les:			() () ()		
a. All pollution								U		
h Water Dellutio	n							0		
b. water Pollutio	11							U		
	Sofety ar							0		
c. Occupational	Salety and	u Health						U		
d Other Environ	montal							0		
	mental							U		

DD Form 1390, 24 Jul 00
1. COMPONENT		FY 2007 MILITARY	CONSTRU	CTION	I PROJECT	DATA	2. DATE		
AIR FORCE		(compu	iter ger	erate	ed)				
3. INSTALLATIO	N AND L	OCATION		4. P	ROJECT TI	TLE	1		
BUCKLEY AIR FO	RCE BAS	E, COLORADO		CONSO	OLIDATED	FUELS FACILI	TY		
5. PROGRAM ELE	MENT	6. CATEGORY CODE	7. PROJ	JECT 1	NUMBER	8. PROJECT	COST (\$000)		
25006		124-125	C D						
35996		124-135	CR	wuu / 3	008	10	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		
		9. COS	T ESTIN	ATES		INITE	COST		
		ITEM		U/M	QUANTITY	UNIT	COST		
							C 005		
CONSOLIDATED FUE	LS FACIL	TTA			10.000		6,995		
JET FUEL STORAG	E TANKS			BL	10,000	210	(2,100)		
JET FUEL RECEIV	ING, DIS	TRIBUTION, DISPENSING		LS			(3,050)		
POL OPS/BULK ST	ORAGE OF	S BLDGS		SM	390	2,615	(1,020)		
VEHICLE FUELS T	ANKS (10	,000 GAL)		EA	3	66,667	(200)		
VEHICLE FUELS O	UTLET			OL	3	200,000	(600)		
INTERIOR COMMUN	ICATIONS	SUPPORT		LS			(25)		
SUPPORTING FACIL	ITIES						2,678		
SITE IMPROVEMEN	TS			LS			(350)		
DEMOLITION				SM	424	436	(185)		
ENVIRONMENTAL A	BATEMENT			LS			(420)		
PASSIVE FORCE P	ROTECTIC	N		LS			(127)		
PAVEMENTS (INCL	UDES REF	UEL TRUCK PARKING PAD)	LS			(805)		
UTILITIES				LS			(390)		
SPECIAL FOUNDAT	IONS			LS	ĺ		(90)		
EXTERIOR COMMUN	ICATIONS	SUPPORT		LS			(61)		
RELOCATE DE-ICE	R TANK A	ND LOX FACILITY		LS			(250)		
SUBTOTAL							9,673		
CONTINGENCY	(5.0%)						484		
TOTAL CONTRACT C	OST						10,156		
SUPERVISION, INS	PECTION	AND OVERHEAD (5	.7%)				579		
TOTAL REQUEST							10,735		
TOTAL REQUEST (R	OUNDED)						10,700		
EQUIPMENT FROM O	THER APP	ROPRIATIONS (NON-ADD)					(145)		
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 pe	er unifi	ed facilities crite.	eria.						
Air Conditionir	ng: 15	Tons							
11. Requirement	: 10000	BL Adequate: 0	BL S	ubsta	undard: 10	0000 BL			
PROJECT: Const	ruct a	consolidated fuels	facilit	у. (Current M	(ission)			
REQUIREMENT: S to accommodate	strategi the new	cally sited, adequant of Buck	ate fuel ckley Ai	stor r For	age and o ce Base o	listribution concurrent w	are required ith the		
establishment o Force Space Com	of a new mmand as	active duty Air Fo the installation h	orce Bas nost eff	e. 1 ectiv	The SECAF ve 1 Octob	and CSAF est per 2000 (re:	tablished Air E Program		
ד ד רא א קסק סס	DECRM 1201 DEC 00 December of the second state December No.								

1. COMPONENT	FY 2007 MILITARY CONSTRU	2. DATE	
AIR FORCE	(computer gen	nerated)	
			-

5. INSTALLATION AND D	OCATION	4. PRODECT II	4. PRODECT IIILE				
BUCKLEY AIR FORCE BAS	FUELS FACILITY						
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST (\$000)				
35996	124-135	CRWU073008	10,700				

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.

<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.

<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.

ADDITIONAL: 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.

JOINT USE CERTIFICATION: This facility is programmed for joint use with the Air National Guard; however, it is fully funded by the Air Force.

COMPONENT		FY 2007 MILITARY (compu	CONSTRUCT: ter genera	ION PROJECT ated)	DATA	2. DAT
. INSTALLATIO	ON AND LO	CATION	4.	PROJECT TIT	TLE	•
UCKLEY AIR FO	ORCE BASE	, COLORADO	CO	NSOLIDATED E	UELS FACILITY	·
. PROGRAM EL	EMENT	6. CATEGORY CODE	7. PROJE	CT NUMBER	8. PROJECT CC	DST (\$000
35996		124-135	CRW	J073008	10	, 700
2. SUPPLEMEN	TAL DATA:					
a. Estimate	d Design	Data:				
(1) Projec	t to be	accomplished by de	sign-buil	d procedures	3	
(2) Basis:	:					
(a) St (b) Wh	andard on ere Desig	Definitive Design Mas Most Recent	n - ly Used -			NO
(3) All Ot	her Desi	gn Costs				535
(4) Constr	ruction C	ontract Award				07 JAN
(5) Constr	ruction S	tart				07 FEB
(6) Constr	ruction C	ompletion				08 MAY
(7) Energy	/ Study/L	ife-Cycle analysis	was/will	be performe	ed	YES
EQUIPMENT	NOMENCL	ATURE		OR RE	QUESTED	(\$00
EQUIPMENT	NOMENCL	TURE	OCURING AP	PRO APPRO OR RE	PRIATED QUESTED	COS: (\$00
COMMUNICA	TIONS EQU	JIPMENT	3400	2	2007	2
FURNISHIN	IGS		3400	2	2007	12

1. COMPONENT		FY 200)7 MILI	MILITARY CONSTRUCTION PROGRAM 2. DATE						
AIR FORCE		_								
INSTALLATION AND	D LOCATI	ON		COMM	AND:			5. AREA	A CONST	
SHRIEVER AIR FOR	RCE BASE			AIR FO	RCE S	PACE		COST IN	IDEX	
COLORADO				COMM	AND			1.15		
6. Personnel	PE	RMANEN	Γ	ST	UDEN	TS	SU	PPORTE	D	
Strength	OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV	TOTAL
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 DAT	A (\$000)			1						
Total Acreage:	(+)	4,172								
Inventory Total as of	· (31 Ser	05)								314 323
Authorization Not Yes	t in Invent	tory.								41 745
Authorization Reques	sted in thi	s Program			(FY 20)	17)				21 000
Authorization Include	d in the E	ollowing E	Program	·.	(FV 20)	ן <i>ו</i> כ 181				35,200
Authonzation include		Dilowing F	Togran	1.	(F120)	56)				33,200
Planned in Next Three	e rears i	Program:								33,131
Remaining Deficienc	y:								-	88,500
Grand Lotal:							/			533,899
8. PROJECTS REQ	UESTED	IN THIS P	ROGR	AM:			(FY 200	7)		
CATEGORY								COST	DESIGN	STATUS
<u>CODE</u>	PROJEC	<u>T TITLE</u>				<u>SCOPE</u>		\$,000	<u>START</u>	CMPL
141-454	Space Te	est and Ev	aluatio	n Facility	/	4,910	SM	21,000	Design B	uild
						Total		21,000		
9a. Future Proiects:	Included	in the Foll	owina	Program):	(FY2	2008)			
141-454	Air and S	Space Inter	aration	Facility		4.106	SM	23 300		
740-674		ness Cent	er	i i aomiy		4,191	SM	11 900		
1 - 10 01 -						Total	OW	25,200	i -	
						Total		35,200		
9b. Future Projects:	Typical F	Planned Ne	ext Thr	ee Years	s:			0		
730-835	Consolid	ated Secu	rity For	ces Trai	ning Fa	3 4 4 2	SM	9 186		
730-835	Security	Eorces On	eration	s Facilit	v.	2 800	SM	9,100		
210 005		tribution S	Svetom	is i aciiit	у	2,000		9,500		
740 216		upport Eoc	sility			2 200		6 200		
740-310	Family 5	ирроп гас	anty			2,300	SIVI	6,300	ı.	
						Iotal		33,131		
9c Real Property M	aintenanc	e Backlog	This Ir	stallatio	n (\$M)				20	
10 Mission or Major		e Dackieg		f the EOt	h Spoo	o Wing id	to prov	ido oomb	20 at aanabil	i+\ /
10. IVIISSION OF IVIAJO			551011 0		n Spac		s lo piov		al Capabli	
through command an			mmuni	cation, r	iavigati	on, warn	ing, and	surveillar	nce satelli	te weapon
systems and conduct	t of expec	litionary op	eration	ns. The	wing op	perates s	atellite c	perations	s centers a	at
Schriever, remote tra	icking sta	tions and o	other co	ommand	and co	ontrol faci	ilities arc	bund the v	world. The	ese
facilities monitor sate	llites duri	ng launch,	put the	e satellite	e in the	ir proper	orbits fo	llowing la	unch, ope	erate the
satellites while they a	are in orbi	t and fix sa	atellite a	anomalie	es wher	n they oc	cur. The	e wing op	erates an	d
maintains several sat	tellite prog	grams inclu	uding th	ne Defer	nse Sup	port Pro	gram, th	e Navsta	r Global P	ositioning
System, the Defense	Satellite	Communio	cations	System	, NATÓ	IV/Skyn	et 4, Mil	star and t	he Midcou	urse
Space Experiment sp	bacecraft.			- ,	, -	,	,			
11 Outstanding poll	ution and	Sofoty (O		oficiono	ioc:			(¢\/)		
a Air pollution		Jaiety (U			163.			(باتان) ۲		
								0		
h Water Pollutio	n							0		
5. Water Fondio	••							U		
c. Occupational	Safetv an	d Health						0		
2. 2 company and								-		
d. Other Environ	mental							0		

1. COMPONENT		FY 2007 MILITARY CONSTRUCTION PROJECT DATA 2. DATE							
AIR FORCE		(comp	uter ger	nerate	ed)				
3. INSTALLATIO	N AND L	OCATION		4. P	ROJECT TI	TLE			
SCHRIEVER AIR	FORCE B	ASE, COLORADO		SPACE TEST AND EVALUATION FACILITY					
5. PROGRAM ELE	MENT	6. CATEGORY CODE	7. PRO	JECT 1	NUMBER	COST (\$000)			
35996		141-454	GL	EN063	3002	2:	1,000		
		9. COS	T ESTI	MATES					
		ITEM		U/M	QUANTITY	UNIT	COST		
SPACE TEST AND E	VALUATIO	N FACILITY					15,274		
TEST AND EVALUA	TION FAC	ILITY		SM	4,910	2,980	(14,632)		
INTERIOR COMMUN	ICATIONS	SUPPORT		SM	4,910	91	(445)		
ANTITERRORISM/F	ORCE PRO	TECTION		SM	4,910	40	(197)		
SUPPORTING FACIL	ITIES						3,640		
UTILITIES				LS			(1,505)		
PAVEMENTS				LS			(1,250)		
SITE IMPROVEMEN	ITS			LS			(550)		
EXTERIOR COMMUN	ICATIONS	SUPPORT		LS			(250)		
PASSIVE FORCE P	ROTECTIC	N		LS			(85)		
SUBTOTAL							18,914		
CONTINGENCY	(5.0%)						946		
TOTAL CONTRACT C	OST						19,859		
SUPERVISION, INS	PECTION	AND OVERHEAD (S	5.7%)				1,132		
TOTAL REQUEST							20,991		
TOTAL REQUEST (ROUNDED)							21,000		
EQUIPMENT FROM O	THER APP	ROPRIATIONS (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

Page No.

3. INSTALLATION AND L	OCATION	4. PROJECT TI	TLE					
SCHRIEVER AIR FORCE BASE, COLORADO SPACE TEST AND EVALUATION FACILITY								
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST (\$000)					
35996	141-454	GLEN063002	21,000					

Fusion Center, 595th Space Group, 14 & 17th Test Squadrons, and the 25th Space Control Tactics Squadron.

<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.

<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.

ADDITIONAL: 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.

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

COMPONENT	FY :	ENT FY 2007 MILITARY CONSTRUCTION PROJECT DATA 2. DATE (computer generated)						
TNSTALLATIC				ምርጥ ጥ ተጥ ተ ው				
CHRIEVER AIR	FORCE BASE	COLORADO	SPACE T	EST AND EVAL	UATION FAG	CILITY		
. PROGRAM ELI	EMENT 6.	CATEGORY CODE	/. PROJECT N	UMBER 8. PR	OUECT COS	т (\$000)		
35996		141-454	GLEN0630	02	21,0	000		
2. SUPPLEMEN	TAL DATA:							
a. Estimated	l Design Data	:						
(1) Projec	t to be acco	mplished by des	sign-build pro	cedures				
(2) Basis:								
(a) St (b) Wh	andard or Dei ere Design Wa	finitive Design as Most Recently	- y Used -			NO		
(3) All Ot	her Design C	osts	-			1,050		
(4) Constr	uction Contr	act Award			C)7 JAN		
(5) Constr	uction Start				c)7 FEB		
(6) Constr	ruction Compl	etion			C)8 ОСТ		
(0) =				and a row a d		VEG		
(7) Energy	associated	with this proje	ect provided f	FISCAL YEA	propriati R ED	ons: COST		
(7) Energy	t associated	with this proje	ect provided f CURING APPRO	FISCAL YEA	ppropriati R M	ons: COST		
(7) Energy b. Equipment EQUIPMENT	NOMENCLATURE	with this proje PROC	ect provided f CURING APPRO	FISCAL YEA APPROPRIATI OR REQUESTI	opropriati R SD SD	ONS: COST (\$000 2 400		
(7) Energy b. Equipment EQUIPMENT FURNITURE COMM FOUL	NOMENCLATURE	with this proje PROC	CURING APPRO 3400 3080	FISCAL YEA APPROPRIATE OR REQUESTE 2007 2007	opropriati R ED ED	COST (\$000 2,400		
(7) Energy b. Equipment EQUIPMENT FURNITURE COMM EQUI	NOMENCLATURE PMENT	with this proje PROC	ect provided f CURING APPRO 3400 3080	FISCAL YEA APPROPRIATI OR REQUESTI 2007 2007	opropriati R SD SD	COST (\$000 2,400 3,000		
(7) Energy b. Equipment EQUIPMENT FURNITURE COMM EQUI	NOMENCLATURE	with this proje PROC	was/will be p ect provided f CURING APPRO 3400 3080	FISCAL YEA APPROPRIATI OR REQUESTI 2007 2007	opropriati R ED ED	ons: COST (\$000 2,400 3,000		
(7) Energy b. Equipment EQUIPMENT FURNITURE COMM EQUI	NOMENCLATURE	with this proje PROC	was/will be p ect provided f CURING APPRO 3400 3080	FISCAL YEA APPROPRIATI OR REQUESTI 2007 2007	ppropriati R ED ED	ons: COST (\$000 2,400 3,000		
(7) Energy b. Equipment EQUIPMENT FURNITURE COMM EQUI	NOMENCLATURE	with this proje PROC	ect provided f CURING APPRO 3400 3080	FISCAL YEA APPROPRIATI OR REQUESTI 2007 2007	opropriati R SD SD	ONS: COST (\$000 2,400 3,000		
(7) Energy b. Equipment EQUIPMENT FURNITURE COMM EQUI	NOMENCLATURE	with this proje PROC	was/will be p ect provided f CURING APPRO 3400 3080	FISCAL YEA APPROPRIATE OR REQUESTI 2007 2007	opropriati R ED ED	COST (\$000 2,400 3,000		
(7) Energy b. Equipment EQUIPMENT FURNITURE COMM EQUI	NOMENCLATURE	with this proje PROC	was/will be p ect provided f CURING APPRO 3400 3080	FISCAL YEA APPROPRIATE OR REQUESTE 2007 2007	opropriati R ED ED	ONS: COST (\$000 2,400 3,000		
(7) Energy b. Equipment EQUIPMENT FURNITURE COMM EQUI	NOMENCLATURE	with this proje PROC	was/will be p ect provided f CURING APPRO 3400 3080	FISCAL YEA APPROPRIATI OR REQUESTI 2007 2007	opropriati R ED ED	COST (\$000 2,400 3,000		
(7) Energy b. Equipment EQUIPMENT FURNITURE COMM EQUI	NOMENCLATURE	with this proje PROC	was/will be p ect provided f CURING APPRO 3400 3080	FISCAL YEA APPROPRIATI OR REQUESTI 2007 2007	opropriati R ED ED	ONS: (\$000 2,400 3,000		
(7) Energy b. Equipment EQUIPMENT FURNITURE COMM EQUI	NOMENCLATURE	with this proje PROC	was/will be p ect provided f CURING APPRO 3400 3080	FISCAL YEA APPROPRIATE OR REQUEST 2007 2007	opropriati R ED ED	COST (\$000 2,400 3,000		
(7) Energy b. Equipment EQUIPMENT FURNITURE COMM EQUI	NOMENCLATURE	with this proje PROC	was/will be p ect provided f CURING APPRO 3400 3080	FISCAL YEA APPROPRIATE OR REQUESTE 2007 2007	opropriati R ED ED	COST (\$000 2,400 3,000		
(7) Energy b. Equipment EQUIPMENT FURNITURE COMM EQUI	nomenclaturi	with this proje PROC	was/will be p ect provided f CURING APPRO 3400 3080	FISCAL YEA APPROPRIATE OR REQUEST 2007 2007	ppropriati R ED ED	ONS: (\$000 2,400 3,000		
(7) Energy b. Equipment EQUIPMENT FURNITURE COMM EQUI	NOMENCLATURE	with this proje PROC	was/will be p ect provided f CURING APPRO 3400 3080	FISCAL YEA APPROPRIATE OR REQUESTE 2007 2007	ppropriati R ED ED	ONS: (\$000 2,400 3,000		
(7) Energy b. Equipment EQUIPMENT FURNITURE COMM EQUI	NOMENCLATURE	with this proje PROC	was/will be p ect provided f CURING APPRO 3400 3080	FISCAL YEA APPROPRIATE OR REQUEST 2007 2007	ppropriati R ED ED	ONS: (\$000 2,400 3,000		
(7) Energy b. Equipment EQUIPMENT FURNITURE COMM EQUI	NOMENCLATURE	with this proje PROC	was/will be p ect provided f CURING APPRO 3400 3080	FISCAL YEA APPROPRIATE OR REQUESTE 2007 2007	ppropriati R ED ED	ons: COST (\$000 2,400 3,000		
(7) Energy b. Equipment EQUIPMENT FURNITURE COMM EQUI	E associated NOMENCLATURE	with this proje	was/will be p ect provided f CURING APPRO 3400 3080	FISCAL YEA APPROPRIATE OR REQUEST 2007 2007	ppropriati R ED ED	ONS: (\$000 2,400 3,000		

1. COMPONENT		FY 20	07 MI	LITARY	CONST	RUCTIO	N PRC)GR/	AM	2. DATE		
AIR FORCE												
3. INSTALLATION A	ND LOC	ATION		4. CO	MMAND:			5	. AREA	CONST		
DOVER AIR FORCE	BASE			AIR MO	DBILITY C	OMMA	ND	C	COST IN	IDEX		
DELAWARE									1.01			
6. Personnel	PE	RMANENT		S	TUDENTS	5		SUP	PORTE	D		
Strength	OFF	ENL	CIV	OFF	ENL	CIV	OF	F	ENL	CIV	Тот	AL
AS OF 30 SEP 05	431	4527	1341	0	() (0	0	0		0	6.299
END FY 2010	556	4933	1492	0	() (0	0	0		0	6,981
7. INVENTORY DAT	FA (\$000)											
Total Acreage:	3,824											
Inventory Total as of	: (30 Sep	05)									1,3	53,020
Authorization Not Ye	t in Invent	orv:									1	06.000
Authorization Requested in this Program: 26,40										26,400		
Authorization Include	ed in the F	ollowing Pi	ogram):	(FY 2008)						, 0
Planned in Next Thre	e Years F	Program:	0		v	,						36,774
Remaining Deficienc	v:	U										23,200
Grand Total:											1,5	545,394
8. PROJECTS REQ	UESTED	IN THIS PI	ROGR	AM:		(FY 20	07)					
CATEGORY						,	,		COST	DESIGN	STAT	US
CODE	PROJEC	T TITLE				SCOP	Е		\$,000	START	CMP	L
141-753	C-17 Airc	rew Life Su	upport			1,992	2 SM		7,400	Jun-05	Sep-06	
211-157	C-17 Eng	ine Storag	e Facil	ity		1,022 SM 3,000				Mar-05	Aug-06	
211-152	C-17 AD/	AL Compos	site Ma	intenan	ce Shop	1,200 SM 2,600 Jun-05 Sep-06						
211-179	C-17 Alte	r Hangars				1 LS 13,400 Jun-05 Sep-06						
		Ū					TOTA	4L	26,400	-	•	
9a. Future Projects:	Included	in the Follo	wing I	Program	n: (F	Y2008)						
,	None		Ŭ	0	,	,						
9b. Future Projects:	Typical F	lanned Ne	xt Thre	e Year	S:							
740-674	Fitness C	enter				4,000) SM		17,274			
131-111	Consolida	ated Comm	nunicat	ions Fa	cility	4,000) SM		12,000			
730-773	Chapel C	enter			•	1,220) SM		4,500			
218-868	Precision	Measurem	nent Eo	quip Lat)	92	5 SM		3,000			
							TOTA	4L —	36,774			
9c. Real Property Ma	aintenanc	e Backlog	This In	stallatic	n (\$M)							198
10 Mission or Major	- Function	s [.] An airlift	wina v	vith two	C-5 squa	drons: a	nd an	AFR	C Assoc	iate C-5 a	irlift wina	Dover
AFB will gain a C-17	squadron	and lose o	one C-	5 squad	ron in 200	07.		/ 11 / 1 / 1	0 / 10000		unit wing.	Devel
11 Outstanding noll	ution and	Sofoty (OC		ficional		••						
11. Outstanding poin	ution and	Salety (US		encienci	es).				0			
a. All pollution									0			
h Water Dellutio	'n								0			
b. water Poliutio	11								0			
c Occupational Safety and Health									0			
									0			
d Other Environ	montal								Ω			
u. Other Environ	mental								0			

DD Form 1390, 24 Jul 00

1. COMPONENT		FY 2007 MILITARY	CONSTRU	CTIO	N PROJECT	DATA	2. DATE	
			ucer ger	4 5				
3. INSTALLATIC	N AND L	OCATION		4. P.	ROJECT TI	TLE		
DOVER AIR FORC	E BASE,	DELAWARE		C-17	AIRCREW	LIFE SUPPORT		
5. PROGRAM ELE	MENT	6. CATEGORY CODE	7. PROJ	OJECT NUMBER 8. PROJECT COST (\$000)				
41130		141-753	FJ	JXT043012 7,400				
		9. COS	T ESTIN	ATES	1			
		ITEM		U/M	QUANTITY	UNIT	COST	
C-17 AIRCREW LIF	E SUPPOR	т					4,627	
AIRCREW LIFE SU	JPPORT			SM	1,992	2,300	(4,582)	
ANTITERRORISM B	ORCE PRO	TECTION		SM	1,992	23	(46)	
SUPPORTING FACIL	ITIES						2,051	
UTILITIES				LS			(350)	
PAVEMENTS				LS			(350)	
SITE IMPROVEMEN	ITS			LS			(350)	
DEMOLITION/ASB	STOS ABA	TEMENT		SM	3,024	265	(801)	
COMMUNICATIONS	SUPPORT			LS			(200)	
SUBTOTAL							6,679	
CONTINGENCY	(5.0%)					334	
TOTAL CONTRACT C	OST						7,013	
SUPERVISION, INS	PECTION	AND OVERHEAD	(5.7%)				400	
TOTAL REQUEST						-	7,412	
TOTAL REQUEST (R	OUNDED)						7,400	
EOUIPMENT FROM O	THER APP	ROPRIATIONS (NON-ADD)					(750.0)	
10 Descriptio	on of Pr	coposed Construction	n. Stee	l fra	ame low ba	v structure w	ri+h	
reinforced cond metal roof, fin pavements, site protection requ demolishes three hir Conditionia	crete fo re prote e improv uirement ee subst	oundation and floor action and detection rements and all nece is identified in DoI candard facilities.	slab, m n system essary s D unifie	asoni s, co uppoi d fac	y walls/i ommunication ft. Inclucionations of the second s	inish system, lons, utilitie des antiterro criteria. Thi	sloped s, rism force s project	
11 Beguirement	1002			betar	dard. 86	S GM		
		a 17 aimerer 145			1 d Les () .	Niggion)		
PROJECT: Cons	truct a	C-1/ aircrew life s	support	racı.	LITY (New	Mission).		
REQUIREMENT: A support facilit and existing m	An adequ ty to me ission (ately sized and pro et the requirements 2-5s. This project	operly d s of two demolis	flyi hes t	gured cent ing squadi chree subs	cralized aircr cons, the new standard facil	ew life mission C-17s ities: one	
hangar that is	in the	footprint of the co	onstruct	ion a	and the tw	wo existing ai	rcrew life	
support buildin	ngs that	are replaced by th	ne new f	acili	ity. The	first C-17 ai	rcraft is	
scheduled to an	rrive in	June 2007. This p	project	is la 7 air	ate to nee	ed but a short	-term work	
around has been	n devero	ped to accommodate	the C-1	/ all	ccrait as	their deliver	y is ramped	
				_			1	
CURRENT SITUAT	require	e existing C-5 airc	e sur	port fac:	spage is not	Less than		
add to or alter	r the fa	cility. Existing (2-5 airc	rew ¹	life supp	ort equipment	is currently	
stored in a sat	tellite	facility approximat	cely one	half	E-mile awa	v increasing	manpower and	
security requir	rements.	C-17 life support	es ac	ditional	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-

Page No.

1. COMPONENT	FY 20	FY 2007 MILITARY CONSTRUCTION PROJECT DATA						
AIR FORCE								
3. INSTALLATIC	N AND LOCATION			4. PROJECT TITLE				
DOVER AIR FORC	FORCE BASE, DELAWARE C-17 AIRCREW LIFE SUPPORT							
5. PROGRAM ELE	EMENT 6. CAT	EGORY CODE	7. PRO	JECT NUMBER	8. PROJECT CO	ST (\$000)		

141 - 753

FJXT043012

7,400

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. 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.

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.

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.

41130

1. COMPONENT		FY 2007 MILIT	ARY CO	ONSTRUCT	TION PROJECT	DATA	2. DATE		
AIR FORCE		(0	Compute	er gener					
3. INSTALLATIO	ON AND LO	OCATION			4. PROJECT :	TITLE			
DOVER AIR FOR	CE BASE,	DELAWARE			C-17 AIRCREW	N LIFE SUPPORT			
5. PROGRAM EL	EMENT	6. CATEGORY	CODE	7. PROJ	JECT NUMBER	8. PROJECT CC	ST (\$000)		
41130		141-753		FJX	KT043012	7,	400		
12. SUPPLEMEN	TAL DATA	:							
a. Estimate	d Design	Data:							
(1) Statu	s:	_							
(a) Date Design Started 10-JUN-0									
(D) Pa	rametric	cost Estimate	s usec		elop costs		YES		
* (C) Pe		Magianed	LUAN	2006		10			
(u) Da	te Desic	m Complete				10	-SED-06		
(e) Da (f) En	erov Stu	dy/Life_Cycle	analve	ie wae/	will be perf	ormed	VFC		
	ergy bee	dy/hite-cycie	anarya	IB Wab/	WIII De Pell	ormed	115		
(2) Basis	:								
(a) St	andard c	or Definitive D	esign	-			NO		
(b) Wh	ere Desi	gn Was Most Re	cently	Used -					
(3) Total	Cost (a	() = (a) + (b) (c)	or (d)	+ (p)·			(\$000)		
(3) IOCAI (a) Pr	oduction	f of Plans and f	Snecif	ication	a		(\$000)		
(b) Al	1 Other	Design Costs	SPOOL				222		
(c) To	tal						666		
(d) Co	ntract						592		
(e) In	-house						74		
(4) Const	ruction	Contract Award					07 JAN		
(5) Const	ruction	Start					07 FEB		
(6) Const	ruction	Completion					08 FEB		
* Indicat which i cost an	es compl s compar d execut	etion of Projec able to tradit: ability.	ct Def ional	inition 35% des	with Parame ign to ensur	tric Cost Esti e valid scope,	mate		
b. Equipmen	t associ	ated with this	proje	ct prov	ided from ot	her appropriat	ions:		
					FISC	AL YEAR			
EQUIPMENT	NOMENCI	LATURE	P: APF	ROCURINO	G APPRO	PRIATED EQUESTED	COST (\$000)		
MMHE				3080	:	2007	300		
FURNITURE	2			3080	:	2008	400		
COMMUNIC	ATIONS E	DUIPMENT		3400	:	2008	50		

1. COMPONENT		FY 2007 MILITARY	CONSTRU	JCTIO	I PROJECT	DATA	2. DATE
AIR FORCE		(compu	iter ger	nerate	ed)		
3. INSTALLATIC	N AND L	OCATION		4. P	ROJECT TI	TLE	
DOVER AIR FORC	E BASE,	DELAWARE		C-17	ENGINE S	TORAGE FACIL	ITY
5. PROGRAM ELE	MENT	6. CATEGORY CODE	7. PRO	JECT 1	NUMBER	8. PROJECT	COST (\$000)
41130		211-157	FJ	JXT063013 3,000			
		9. COS	r estii	MATES	1		
		ТТЕМ		II/M	OUANTTTY	UNIT	COST
	108 B101				2		0 1 2 5
C-17 ENGINE SIOR	AGE FACL			CM	020	2 100	2,135
CIAGODOM/ADMIN	AKEA	אז אסדא		GM	 	1 750	(162)
CLASSROOM/ADMIN	ISIRAIIC			SM CM	1 022	1,750	(103)
ANTITERRORISM F	ORCE PRO	TECTION		SM	1,022	21	(21)
SUPPORTING FACIL	ITIES						550
UTILITIES				LS			(200)
PAVEMENTS				LS			(200)
SITE IMPROVEMEN	TS			LS			(100)
COMMUNICATIONS	SUPPORT			LS			(50)
CONTINUENCY	(E 0%	`					2,005
CONTINGENCY	(5.0%) 0.07)					
TOTAL CONTRACT C	051		(- -)				2,819
SUPERVISION, INS	PECTION .	AND OVERHEAD	(5.7%)				
TOTAL REQUEST							2,980
TOTAL REQUEST (R	OUNDED)						3,000
EQUIPMENT FROM O	THER APP.	ROPRIATIONS (NON-ADD)					(250.0)
10. Descriptio	on of Pr	coposed Construction	1: Rein E Faci	torce	ingludes	e foundation	and floor
inspection pers	sonnel a	a sieped metal 1001 as well as a classro	om. Fa	cilit	ies inclu	de all util:	ties,
pavements, site	e and co	mmunications work t	o provi	.de co	mplete an	nd useable fa	acilities.
This project wi	ill comp	oly with DoD antiter	rorism/	force	protect:	lon requireme	ents per
unified facilit	ies cri	teria.					
Air Conditionin	ng: 50	Tons					
11. Requirement	: 1022	SM Adequate: 0 S	SM Su	lbstar	ndard: 0 S	SM	
PROJECT: Const	truct a	C-17 Engine Storage	e Facili	ty w	ith a main	ntenance cla	ssroom (New
DECUIDEMENT. 7	n adam	stoly gigod and pro	norly o	onfic	nurod fog	lity for go	tralized
storage of C-17	aircra	oft engines and trai	ning fo	onii or air	craft ma:	intenance ope	erations.
Construction is	s requir	red to support the h	eddown	of a	C-17 squa	adron. The	irst aircraft
is scheduled to	arrive	e in June 2007. Thi	s proje	ct is	a late to	need but a a	short-term work
around has been	n develo	ped to accommodate	the C-1	.7 air	craft as	their delive	ery is ramped
up.							
CURRENT SITUAT	ION: Ad	lequate space is cur	rently	not a	vailable	for C-17 air	craft engine
storage. Space	e is req	uired to store 6 to	8 read	ly for	: installa	tion (RFI) (engines. The
addition. Dover	ryine st r will r	cemain the C-5 Regio	nal Eng	ine F	Repair Cer	the C-5 mis	There is no
excess capacity	excess capacity in the C-5 engine storage facility to absorb the C-17 engine storage						
requirement. A	requirement. Additional space is required to con					om training	for maintenance
personnel.							

1. COMPONENT	FY 2007 MILITARY	DATA 2. DATE			
AIR FORCE	(compu				
3. INSTALLATION	AND LOCATION	4. PROJECT TI	TLE		
DOVER AIR FORCE	BASE, DELAWARE	C-17 ENGINE ST	C-17 ENGINE STORAGE FACILITY		
5. PROGRAM ELEME	ENT 6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST (\$000)		

FJXT063013

3,000

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.

211-157

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)

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.

41130

1. COMPONENT AIR FORCE		FY 2007 MILITA	RY CONSTRUC	TION PROJEC	T DATA	2. DATE
2 TNGTATIATT			J			
DOVER AIR FOR	CE BASE,	DELAWARE		C-17 ENGIN	E STORAGE FACIL	ITY
5. PROGRAM EL	EMENT	6. CATEGORY C	ODE 7. PRO	JECT NUMBER	8. PROJECT CC	ST (\$000)
41130		211-157	F	JXT063013	3,	000
12. SUPPLEMEN	TAL DATA	:				
a. Estimate	a Design	Data:				
(1) Statu	s: to Dogio	m Startad			11	NAD OF
(a) Da (b) Pa	rametric	Cost Estimates	used to de	velop costs	1:	YES
* (c) Pe	rcent Co	mplete as of 01	JAN 2006			35 %
* (d) Da	te 35% I	- Designed			30)-SEP-05
(e) Da	te Desig	n Complete			31	-AUG-06
(f) En	ergy Stu	dy/Life-Cycle an	nalysis was	/will be per	rformed	NO
(2) Pagig	_					
(2) Basis	: andard c	r Definitive De	aion -			NO
(a) 30 (b) Wh	ere Desi	on Was Most Rece	ently Used	_		NO
		J	1			
(3) Total	Cost (c	(a) = (a) + (b) or	(d) + (e)	:		(\$000)
(a) Pr	oduction	of Plans and Sp	pecificatio	ns		180
(d) Al	1 Other	Design Costs				90 270
(d) Co	ntract					240
(e) In	-house					30
(4) Const	ruction	Contract Award				07 JAN
(5) Const	ruction	Start				07 MAR
(6) Const	ruction	Completion				08 MAR
* Indicat which i cost an	es compl s compar d execut	etion of Project able to traditic ability.	: Definitic onal 35% de	n with Paran sign to ensu	metric Cost Esti nre valid scope,	mate
b. Equipmen	t associ	ated with this p	project pro	vided from a	other appropriat	ions:
EQUIPMENI	NOMENCI	LATURE	PROCURI APPROPRIA	FIS NG APP TION OR	SCAL YEAR ROPRIATED REQUESTED	COST (\$000)
CLASSROOM	I FURNIT	JRE	3080		2008	250

1. COMPONENT		FY 2007 MILITARY	CONSTRU	JCTIO	I PROJECT	DATA	2. DATE	
AIR FORCE		(compu	iter gei	nerate	ed)			
3. INSTALLATIC	N AND L	OCATION		4. P	ROJECT TI	TLE	·	
DOVER AIR FORC	E BASE,	DELAWARE		C-17 ADD/ALTER COMPOSITE MAINTENANCE SHOP				
5. PROGRAM ELE	MENT	6. CATEGORY CODE	7. PRO	JECT 1	NUMBER	8. PROJECT COST (\$000)		
41130		211-152	FJ	XT063	8010	2,6	500	
		9. COS'	T ESTII	MATES				
		ITEM		U/M	QUANTITY	UNIT	COST	
C-17 ADD/ALTER C	OMPOSITE	MAINTENANCE SHOP					1,879	
ADDITION				SM	1,000	1,700	(1,700)	
ALTERATION				SM	200	750	(150)	
ANTITERRORISM F	ORCE PRO	TECTION		SM	1,000	29	(29)	
SUPPORTING FACIL	ITIES						472	
UTILITIES				LS			(150)	
PAVEMENTS				LS			(100)	
SITE IMPROVEMEN	ITS			LS			(100)	
COMMUNICATIONS	SUPPORT			LS			(100)	
DEMOLITION/ASBE	STOS ABA	TEMENT		SM	93	240	(22)	
SUBTOTAL							2,351	
CONTINGENCY	(5.0%)				_	118	
TOTAL CONTRACT C	OST						2,469	
SUPERVISION, INS	PECTION	AND OVERHEAD	(5.7%)			_	141	
TOTAL REQUEST							2,610	
TOTAL REQUEST (R	OUNDED)						2,600	
EQUIPMENT FROM O	THER APP	ROPRIATIONS (NON-ADD)					(85.0)	
10. Descriptio	on of Pr	coposed Construction	1: Stee	el fra	ame struct	cure with rein	forced	
protection and	detecti	on systems, communi	cations	s, uti	lities, r	pavements, sit	e	
improvements an	nd all r	ecessary support.	Alter a	port	ion of th	ne existing fa	cility to	
allow for effic	cient tr	affic and work flow	v. Demo	lish	one build	ling (Paint Be	ad Blaster	
Facility, 93 SM	4 - 1,00	1 SF). This project	t will	compl	ly with Do	oD antiterrori	.sm/force	
protection requ	lirement	s per unified facil	litles o	riter	ria -			
Air Conditionin	ng: 10	SM Adequate: 830	M 2 0 (Sube	tandard.	200 SM		
		ltor Composite Shor	, (Plda	721)	(Now Mig			
PROUEDENENT.	n adem	ately sized and cor	figured	/21) Imair	(New MIS)	sion, shop to perfor	mingpections	
and repairs to	composi	te material aircraf	it panel	.s to	support t	the C-17 aircr	aft beddown	
at Dover AFB.	The fir	st aircraft is sche	eduled t	o arr	tive in Ju	ne 2007; the	operational	
need date for t	his add	lition is also June	2007.	This	project i	is late to nee	d but a short	
term work arour	nd has b	peen developed to ac	commoda	te th	ne C-17 ai	ircraft as the	ir delivery	
is ramped up.								
aircraft and sh	lon: co	e to support this r	new requi	lireme	ent does r	not exist on t	the base.	
Existing mainte	Existing maintenance shop space will continue to be used to support the C-5 mission. C-							
5 aircraft will	l be sta	tioned at the base	for the	fore	eseeable f	Euture.		
IMPACT IF NOT H	PROVIDEI	: Without this pro	oject, n	mainte	enance on	composite mat	erial	

1. COMPONENT		FY 2007 MILITARY CONSTRUCTION PROJECT DATA							
AIR FORCE		(computer generated)							
3. INSTALLATION AND LOCATION 4. PROJECT TITLE									
DOVER AIR FORC	CE BASE,	DELZ	AWARE		C-17 ADD/ALTER COMPOSITE MAINTENANCE SHOP				
5. PROGRAM ELE	EMENT	6.	CATEGORY CODE	7. PRO	JECT NUMBER	8. PROJECT CO	ST (\$000)		
41130			211-152	FC	JXT063010	2,6	00		

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.

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). 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.

1. COMPONENT	FY 2007 MILITARY CONSTRUCTION PROJECT DATA 2. DATE							
AIR FORCE		(comput	er gene	rated)				
3. INSTALLATIO	ON AND L	OCATION		4. PROJECT 1	FITLE			
DOVER AIR FOR	CE BASE,	DELAWARE		C-17 ADD/ALT SHOP	TER COMPOSITE	MAINTENANCE		
5. PROGRAM EL	EMENT	6. CATEGORY CODE	7. PRO	JECT NUMBER	8. PROJECT CO	ST (\$000)		
41130		211-152	FJ.	600				
12. SUPPLEMEN	TAL DATA	:						
a. Estimate	d Design	Data:						
(1) Statu	s:							
(a) Da	te Desig	n Started			10	-JUN-05		
(b) Pa	rametric	: Cost Estimates used	d to dev	velop costs		YES		
* (c) Percent Complete as of 01 JAN 2006								
* (d) Date 35% Designed 10								
(e) Date Design Complete 10								
(f) Energy Study/Life-Cycle analysis was/will be performed YES								
(2) Basis	•							
(2) Standard or Definitive Design -								
(b) Wh	ere Desi	on Was Most Recently	v Used -	-		No		
(3) Total	Cost (c	(a) = (a) + (b) or (d)) + (e):			(\$000)		
(a) Pr	oduction	of Plans and Specif	Eicatior	ıs		156		
(b) Al	1 Other	Design Costs				78		
(c) To	tal					234		
(d) Co	ntract					208		
(e) in	-nouse					26		
(4) Const	ruction	Contract Award				07 JAN		
(5) Const	ruction	Start				07 FEB		
(6) Const	ruction	Completion				07 DEC		
* Indicat	es compl	etion of Project Def	Einitior	with Parame	tric Cost Esti	mate		
which i cost an	s compar d execut	able to traditional ability.	35% des	ign to ensur	e valla scope,			
b. Equipmen	t associ	ated with this proje	ect prov	vided from ot	her appropriat	ions:		

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		FY 2007 MILITARY	CONSTRU	CTION	N PROJECT	DATA	2. DATE
AIR FORCE		(compi	iter gei	ierate	ed)		
3. INSTALLATIC	N AND L	OCATION		4. Pl	ROJECT TI	TLE	
DOVER AIR FORC	E BASE,	DELAWARE		C-17 ALTER HANGARS			
5. PROGRAM ELE	MENT	6. CATEGORY CODE	7. PRO	JECT 1	NUMBER	8. PROJECT (COST (\$000)
41130	41130 211-179 Fo				012	13	,400
		9. COS	r estii	ATES			
						UNIT	COST
		ITEM		U/M	QUANTITY		
C-17 ALTER HANGA	RS						9,197
DOORS (715 & 94	5)			EA	4	500,000	(2,000)
ELECTRICAL SYST	EM UPGRA	DE (715 & 945)		SM	7,000	415	(2,905)
FUEL VAPOR EXHA	UST SYST	ЕМ (715)		EA	4	650,000	(2,600)
ROOF (715)				SM	3,600	470	(1,692)
SUPPORTING FACIL	ITIES						2,860
UTILITIES				LS			(750)
SITE IMPROVEMEN	TS			LS			(400)
COMMUNICATIONS	SUPPORT			LS			(400)
APRON PAVEMENTS	(715)			SM	4,500	260	(1,170)
FALL ARRESTING SYSTEM					2	70,000	(140)
SUBTOTAL							12,057
CONTINGENCY	(5.0%)					603
TOTAL CONTRACT C	0ST	,					12,660
SUPERVISION INS	DECTION	AND OVERHEAD	(5.7%)				722
TOTAL REQUEST			(31) 0)				13 381
TOTAL REQUEST	(הידרואוזס						13,301
EQUIPMENT FROM O	THER APP	ROPRTATIONS (NON-ADD)					(600 0)
10 Deggriptic	n of Dr	concern Construction	N N1+0		C-E mair	tonango hang	
for use by both	n C-17 a	and C-5 aircraft for	fuel c	ell r	epairs.	Upgrade work	includes
electrical, fue	el vapor	exhaust system, ro	of, str	uctur	al (doors	s) and access	apron
paving.							
Air Conditionin	ng: 0'	Ions					
11. Requirement	: 7000	SM Adequate: 0 S	SM Su	bstar	dard: 700	00 SM	
PROJECT: Alter	r aircra	aft hangars (Facilit	ies 715	5 & 94	15) (New 1	Mission)	
REQUIREMENT: U	Jse of t	hese two hangars by	both C	-17 a	nd C-5 ai	rcraft for f	uel cell
maintenance act	vities	. Hangar 945 will	be the	prima	ry facili	ty for the C	!-5 while
hangar 715 will	l be pri -	mary for the C-17.	Hangar	acce	ss apron	is designate	d medium load
Type C Traffic	Area pa	vement for the C-17	gear w	ldtn	plus ten	Teet on each	side with the
scheduled to an	rive in	June 2007; the ope	rationa	l nee	d date fo	or these faci	lities is also
June 2007. Thi	ls proje	ect is late to need	but a s	hort	term work	around to p	hase
construction ha	as been	developed to accomm	nodate t	he C-	17 aircra	aft as their	delivery is
ramped up.							
CURRENT SITUAT	ION: Th	ese hangars are not	full-i	n har	gars; the	aft fuselag	e and tail
section are not	enclos	Both hongoing in	the ha	ngar	doors mus	st be modifie	d to accept
historically re	anu c-s. equires	an aggressive fuels	s mainte	nance	program.	A second f	acility with
the same capabi	lities	is needed to ensure	maximu	m res	ponsivene	ess to necess	ary fuel

1. COMPONENT		FY 2007 MILITARY CONSTRUCTION PROJECT DATA						
AIR FORCE		(computer generated)						
3. INSTALLATION AND LOCATION 4. PROJECT TITLE								
DOVER AIR FORCE BASE, DELAWARE C-17 ALTER HANGARS								
5. PROGRAM ELE	MENT	6. CATEGORY	CODE	7. PRO	JECT NUMBER	8. PROJECT CO	ST (\$000)	
41130		211-179	•	FC	XT053012	13,4	00	

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 assessement. 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.

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. 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).

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.

1. COMPONENT		FY 2007 MILITARY	CONSTRUC	TION PROJECT	DATA	2. DATE		
AIR FORCE		(comp	uter gene	rated)				
3. INSTALLATIO	ON AND LO	OCATION		4. PROJECT 1	FITLE			
DOVER AIR FOR	CE BASE,	DELAWARE		C-17 ALTER H	HANGARS			
5. PROGRAM EL	EMENT	6. CATEGORY COD	E 7. PRO	JECT NUMBER	8. PROJECT CO	ST (\$000)		
41130		211-179	FJ	XT053012	13,	400		
12. SUPPLEMEN	TAL DATA	:			1			
a. Estimate	d Design	Data:						
(1) Statu	s:							
(a) Da	te Desig	n Started			10	-JUN-05		
(b) Pa	rametric	: Cost Estimates u	sed to de	velop costs		YES		
* (c) Pe	rcent Co	mplete as of 01 J	AN 2006			35 %		
* (d) Da	te 35% D	esigned			10	-AUG-05		
(e) Da	te Desig	n Complete			10	-SEP-06		
(f) En	ergy Stu	dy/Life-Cycle ana	lysis was	/will be perf	ormed	YES		
(2) Bagig								
(2) Basis	· andard c	r Dofinitivo Dogi	-			NO		
(a) 30 (b) Wh	anuaru c ere Deci	on Was Most Pecent	Ju - Jv IIcod	_		NO		
	CIC DODI	gir hab hobe heeen	ciy obcu					
(3) Total	Cost (c) = (a) + (b) or (b)	d) + (e)	:		(\$000)		
(a) Pr	oduction	of Plans and Spec	cification	ns		804		
(b) Al	l Other	Design Costs				402		
(c) To	tal					1,206		
(d) Co	ntract					1,072		
(e) In	-house					134		
(4) Const	ruction	Contract Award				07 JAN		
(5) Const	ruction	Start				07 FEB		
(6) Const	ruction	Completion				08 JUN		
* Indicat which i cost an	es compl s compar d execut	etion of Project I able to traditiona ability.	Definition al 35% des	n with Parame sign to ensur	tric Cost Esti e valid scope,	mate		
b. Equipmen	t associ	ated with this pro	ject prov	vided from ot	her appropriat	ions:		
EQUIPMENT	NOMENCI	LATURE 2	PROCURIN APPROPRIA	G APPRO ION OR RE	AL YEAR)PRIATED EQUESTED	COST (\$000)		
FURNITURE	2		3400		2007	500		
			3400		2007	100		
	STING C		5400	4	2007	100		

1. COMPONENT		FY 200	07 MIL	ITARY C	FY 2007 MILITARY CONSTRUCTION PROGRAM 2. DATE					
							-1	D. AREA		
	BASE,					AIERIE	.L		IDEX	ļ
FLORIDA				COMINI	AND			0.82		/
6. Personnel	PE	RMANENT	<u>í</u>	ST	UDENT	ſS	SU	PPORTE	D	, !
Strength	OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV	TOTAL
AS OF 30 SEP 05	1336	5671	6389	55	207	370				14,028
END FY 2010	1324	5633	6280	55	207	370	1	'		13,869
7. INVENTORY DAT	TA (\$000)			·			·	·	·	
Total Acreage:	•	463,067								
Inventory Total as of	: (30 Ser	o 05)								2,364,760
Authorization Not Yet	t in Inven	torv:								15.521
Authorization Reques	sted in thi	s Program	·•							19,350
Authorization Include	d in the F	Collowing F	Vrogran	n·	(EV 20(າຊາ				22,000
Planned in Novt Thro	u in uio i So Voore I	Drogram:	Togran	1.	(11200	10)				77 537
Planneu in Next The		Program.								11,001
Remaining Deficiency	y:									150,883
Grand Lotal:										2,650,051
8. PROJECTS REQ	ŪESTED	IN THIS P	ROGR	.AM:			(FY 200	. 7)	-	
CATEGORY								COST	DESIGN	STATUS
CODE	PROJEC	T TITLE				<u>SCOPE</u>	<u>:</u>	\$,000	<u>START</u>	CMPL
141-165	Replace	Explosive	Ordnar	nce Disp	osal	1,301	SM	4,350	Design-B	uild
	Complex								-	ļ
701-210	Dormitor	v (144 RM	A			4 752	SM	15 000	Dosian-B	uild
121-012	Dominisi	y (1777)	/			4,702	0.01	19 350	Design	und
9a Future Projects:	Included	in the Foll	owing	Program		(FY	2008)	• • • • •		
3a. 1 ului 0 1 10j00.0.	IIIUuuuu.		000009.	Flogra	•	(• • •	2000,			I
170 071	Ground (Combat Tr	ninina (Cauadro	~	2 207	SW	22 UUU	Docian-R	
1/9-3/1	Giunu	JOINDat Inc	allining s	Squauror	ח	3,321	SIVI	22,000	Designed	ulia
	Complex	e de la companya de la companya de la companya de la companya de la companya de la companya de la companya de l							-	ļ
						Total		22,000		
9b. Future Projects:	Typical F	Planned Ne	ext Thre	ee Years	3:					_
218-868	Regional	Precision	Measu	urement		2,632	SM	7,637		
	Equipme	nt Laborat	.ory							
	Ni-	• • · · · i4ia	Ta	·		·	~~~	10.000		
316-333	Micro-INa	ino Munitio	Ins lec	chnology		4,575	SM	16,000		
	Complex									
315-327	Joint Tes	st Facility				10,405	SM	20,000		
730-835	Security	Forces Co	mplex			3,600	SM	7,100		
740-674	Fitness (Center	•			5.051	SM	18.100	i -	
740-884	Child De	velopment	Cente	r		2,817	SM	8,700	i -	
		1010000000	00	1		2,0	0	77 537	•	l
00 Roal Property Ma	vintenance	n Backlog	This In	etallation				11,00.	128	
90. Itean ropery ma		1 Dauriug		Stallation			- anoik	tar do	120	
10. MISSION OF IMAJOR	FUNCTION	S: All Anna	americ	Center (/	AAC) w	NICN IS I	esponsiu	Je for dev	/elopment	, acquisition,
testing, deployment a	and sustai	inment or c	conven	tional an	d nucle	ar air-ae	eliverea v	veapons,	a weapon	is test wing,
an air base wing; an	operation	al test wing	g; a tigi	nter wing	ງ with ⊢	-15 aircr	raft; the r	Munitions	Directora	te of the Air
Force Research Labo	pratory; a	nd a space	<u>surve</u>	illance s	quadror	<u>).</u>				
11. Outstanding poll	ution and	Safety (O	SHA D	eficienci	es):					
a. Air pollution								0	1	
b. Water Pollutio	'n							0	j –	
c. Occupational	Safetv an	d Health						0	i	
d Other Environ	mental	u 1100						0	i	
	morna.							-		

DD Form 1390, 24 Jul 00

1. COMPONENT		FY 2007 MILITARY	DATA	2. DATE				
AIR FORCE		(compu	iter gei	nerate	ed)			
3. INSTALLATIC	N AND L	OCATION		4. P	ROJECT TI	TLE		
EGLIN AIR FORC	E BASE,	FLORIDA		REPLACE EXPLOSIVE ORDNANCE DISPOSAL				
				COMPLEX				
5. PROGRAM ELE	MENT	6. CATEGORY CODE	7. PRO	DJECT NUMBER 8. PROJE			T COST (\$000)	
72896	6 141-165 F			'FA023	8004	4,	350	
		9. COS	T ESTI	MATES	1			
		TTEM		TT /M	OUNTETTY	UNIT	COST	
		1150			QUANTITI			
REPLACE EXPLOSIVE ORDNANCE DISPOSAL COMPLEX							2,793	
EXPLOSIVE ORDIN	ANCE DIS	POSAL COMPLEX		SM	1,301	2,125	(2,765)	
ANTITERRORISM F	ORCE PRO	TECTION		SM	1,301	22	(29)	
SUPPORTING FACIL	ITIES						1,129	
UTILITIES				LS			(420)	
PAVEMENTS				LS			(350)	
SITE IMPROVEMEN	TS			LS			(100)	
DEMOLITION				SM	1,183	160	(189)	
COMMUNICATIONS	SUPPORT			LS			(70)	
SUBTOTAL						3,923		
CONTINGENCY	(5.0%)						196	
TOTAL CONTRACT C	OST						4,119	
SUPERVISION, INS	PECTION	AND OVERHEAD (5	.7%)				235	
TOTAL REQUEST							4,353	
TOTAL REQUEST (R	OUNDED)						4,350	
10. Descriptio	on of Pr	coposed Construction	n: One	story	v split fa	aced concrete	block	
Facility will i	include	an area for inert m	unition	s dia	parking	storage, tra	ining.	
classrooms and	work ar	ceas, and storage ar	eas for	muni	tions ma:	intenance and	operational	
equipment. Der	nolish t	wo buildings totali	ing 1,18	3 SM.	Comply	with DoD min	imum force	
protection cons	structio	on standards.						
11. Requirement	: 1301	SM Adequate: 0 S	SM Su	ıbstar	ndard: 118	33 SM		
PROJECT: Repla	ace Expl	losive Ordnance Disp	osal (E	DD) (Complex.	(Current Miss	ion)	
REQUIREMENT: 2	A new EC	DD facility is requi	ired to	repla	ace the ex	kisting facil	ity that is in	
violation of ex	kisting	Public Law (10 U.S.	.C. Sec.	172)) due to a	a change in A	FMAN 91-201	
requiring the H	EOD faci	lity to be located	at inha	bited	l building	g distance in	relation to	
needed to provi	r zones. ide for	training and day-to	must de	+ 10Ca	ited in a	non-explosiv	on Facility	
will include m	unitions	display and storage	je areas	for	all munit	tions found o	n Eglin AFB,	
space for refre	esher tr	raining, and a stora	age area	for	maintena	nce and de-fu	sing/de-arming	
equipment neede	ed to su	upport Eglin AFB as	the lea	d res	search and	d development	center for	
EOD robotics. H	EOD flig	ht personnel and th	neir equ	lipmer	nt must be	e available t	o provide	
emergency response	onse and	base recovery for	munitic	ons mi	ishaps in	the explosiv	e storage	
area. Compry V		, minimum force prot		Const		scandards.		
Engineering por	LON: Tr	and is subjected to	ie up of	non-	-munition	from six kno	CIVII WT potential	
explosive sites	s (PES).	. The existing faci	lity (1	uildi	ing 914) :	function was	originally	
considered a re	elated e	explosive function a	and as s	such o	could be a	sited within	the	
1								

1. COMPONENT		2. DATE						
AIR FORCE		(computer generated)						
3. INSTALLATIC	N AND L	AND LOCATION 4. PROJECT TITLE						
EGLIN AIR FORC	E BASE,	E BASE, FLORIDA REPLACE EXPLOSIVE ORDNANCE DE COMPLEX						
5. PROGRAM ELE	MENT	MENT 6. CATEGORY CODE 7. PROJECT NUMBER 8. PROJECT COST (\$000)						
72896		141-165 FTFA023004 4,350						

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.

<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.

<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.

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

1. COMPONENT		FY 2007 MILITARY C	ONSTRU	JCTION PROJECT	DATA	2	. DATE		
AIR FORCE		(comput	er gei	nerated)					
3. INSTALLATIO	ON AND LO	OCATION		4. PROJECT TIT	LE				
EGLIN AIR FOR	CE BASE,	FLORIDA		REPLACE EXPLOS	SIVE ORDNANCE 1	DIS	POSAL		
5. PROGRAM EL	5. PROGRAM ELEMENT 6. CATEGORY CODE 7. PROJECT NUMBER 8. PROJECT COST (\$000)								
72896		141-165	1	FTFA023004	4,	350			
12. SUPPLEMEN	TAL DATA	.:							
a. Estimate	d Design	Data:							
(1) Proje	ct to be	accomplished by des	ign-b	uild procedures	8				
(2) Basis	:								
(a) St (b) Wh	andard o here Desi	or Definitive Design ign Was Most Recently	- 7 Used	ι -			NO		
(3) All O	ther Des	ign Costs					218		
(4) Const	ruction	Contract Award				06	DEC		
(5) Const	ruction	Start				07	JAN		
(6) Const	ruction	Completion				08	JAN		
(7) Energ	y Study/	Life-Cycle analysis	was/w	ill be performe	ed		YES		
b. Equipmen N/A	t associ	ated with this proje	ect pr	ovided from oth	ner appropriat	ion	s:		

1. COMPONENT		FY 2007 MILITARY	CONSTRU	CTION	I PROJECT	DATA	2. DATE
AIR FORCE		(compu	iter gen	erate	ed)		
3. INSTALLATIO	N AND L	OCATION		4. PI	ROJECT TI	TLE	
EGLIN AIR FORC	E BASE,	FLORIDA		DORM	ITORY (144	1 RM)	
5. PROGRAM ELE	CMENT	6. CATEGORY CODE	7. PROJ	ECT 1	NUMBER	8. PROJECT C	OST (\$000)
72806		721-312	FT	FA033	000		
		9. COS	r estin	ATES	1		
		ТТЕМ		TT/M	OUANTTTY	UNIT	COST
		11111		0/14	QUANTIT		
DORMITORY (144 R	M)						8,858
DORMITORY				SM	4,752	1,850	(8,791)
ANTITERRORISM F	ORCE PRO	TECTION		SM	4,752	14	(67)
SUPPORTING FACIL	ITIES						4,708
SITE IMPROVEMEN	ITS			LS			(250)
PAVEMENTS				LS			(450)
DEMOLITION				SM	11,713	124	(1,458)
RELOCATE CHILLE	R			LS			(2,000)
UTILITIES				LS			(550)
SUBTOTAL							13,566
CONTINGENCY	(5.0%)						678
TOTAL CONTRACT C	OST						14,244
SUPERVISION, INS	PECTION	AND OVERHEAD (5	.7%)				812
TOTAL REQUEST							15,056
TOTAL REQUEST (R	OUNDED)						15,000
EQUIPMENT FROM C	THER APP	ROPRIATIONS (NON-ADD)					(700)
10. Description	on of Pr	oposed Construction	n: A mu	lti-s	story faci	lity with re	inforced
concrete founda	ation an	d floor slabs, masc	onry wal	ls an	nd roof.	Includes room	n-
bath/kitchen-ro	oom modu	lles, storage, loung	ge areas	, sit	e prepara	tion, force p	protection
DoD force prote	ection r	requirements per uni	fied fa	cilit	ies crite	eria.	Compry wren
Air Conditioni	ng: 35	0 Tons Grade Mix: E	1-E4	144			
11. Requirement	: 1006	RM Adequate: 238	RM	Subst	andard: 9	94 RM	
PROJECT: Const	truct a	Dormitory. (Curren	nt Missi	on)			
REQUIREMENT: 2	A major	Air Force objective	e is to	provi	de unacco	mpanied enlis	sted personnel
with housing co	onducive	to their proper re	est, rel	- axati	on and pe	ersonal well 1	peing.
Properly design	ned and	furnished quarters	providi	ng so	ome degree	e of individua	al privacy are
essential to the	ne succe	ssful accomplishmer	nt of th	e inc	reasingly	complicated	and important
jobs these peop	ple must	perform. The reter	ntion of	thes	se highly	trained airme	en is
force protectio	n requi	rements per unified	l facili	y wor ties	criteria.	resence. Co	SUDIA MICH DOD
CURRENT STTUAT	то м. тh	e base bas insuffic	ient on	-base	housing	to accommodat	te the
unaccompanied e	enlisted	l personnel. This p	project	is in	accordar	ce with the a	Air Force
Dormitory Maste	er Plan.		-				
IMPACT IF NOT	PROVIDED	: Adequate living	quarter	s wil	ll continu	le to be unava	ailable
resulting in de	egradati enlisted	on of morale, produ	uctivity	, ret	ention ar	nd career sat:	isfaction for
ADDITIONAL.	his pro-	ect meets the crite	eria/sco	De si	pecified i	n the new un	iform barracks
construction s	tandard,	known as "Dorm-4-A	Airman M	iodule	e", establ	lished by the	AF. All known
DD FORM 1391, I	DEC 99	Previous ed	litions	are c	bsolete.		Page No.

1. COMPONENT		FY 2007	MILITARY	CONSTR	UCTION PROJECT	DATA	2. DATE
AIR FORCE			(comp	uter ge	nerated)		
3. INSTALLATIO	ON AND L	OCATION			4. PROJECT TI	TLE	
EGLIN AIR FORC	CE BASE,	FLORIDA			DORMITORY (14	4 RM)	
5. PROGRAM ELE	CMENT	6. CATEG	ORY CODE	7. PRO	JECT NUMBER	8. PROJECT CO	ST (\$000)
72806		721-	-312	F	FFA033053	15,0	000
72806 alternatives w could meet the performed. A RPM Conducted: Unaccompanied \$591K. Base C SM = 51,132 SF JOINT USE CERT available" bas	ere cons mission certific \$525K. Housing ivil Eng IFICATIC is; how	721- sidered dum h requireme cate of exc FY2005 to RPM requir gineer Col DN: This fa ever, the s	-312 ring the o ents; the ception had Unaccompany rements (o Timothy) acility ca scope of the scope of the	F [*] develop refore, as been hied Ho estimat P. Gaff an be u the pro	rFA033053 ment of this p no economic a prepared. FY using RPM Cond ed): FY06: \$ ney, (850) 882 sed by other c ject is based	15,0 project. No oth nalysis was new 2004 Unaccompar Aucted: \$541K. 557K; FY07: \$ -2876. Dormitation components on ai on Air Force r	her option eded or nied Housing Future 574K; FY08: ory: 4,752 n "as equirements.
1							

	1					
1. COMPONENT AIR FORCE		FY 2007 MILITARY Concerned (compute	ONSTRU er gei	JCTION PROJECT nerated)	DATA	2. DATE
3. INSTALLATI	ON AND L	OCATION		4. PROJECT TIT	CLE	<u></u>
EGLIN AIR FOR	CE BASE,	FLORIDA		DORMITORY (144	1 RM)	
5. PROGRAM EL	EMENT	6. CATEGORY CODE	7. PF	OJECT NUMBER	8. PROJECT CO	ST (\$000)
72806		721-312	E	TFA033053	15,	.000
12. SUPPLEMEN a. Estimate (1) Proje	TAL DATA d Design ct to be	a: Data: accomplished by des	ign-b	uild procedures	3	
(2) Basis (a) St (b) Wi	andard o here Desi	or Definitive Design ign Was Most Recently	- 7 Used	l –		NO
(3) All O	ther Des	ign Costs				750
(4) Const	ruction	Contract Award				06 DEC
(5) Const	ruction	Start				07 FEB
(6) Const	ruction	Completion				08 AUG
(7) Energ	y Study/	Life-Cycle analysis	was/w:	ill be performe	ed	YES
h						
b. Equipmen	t associ	ated with this proje	et pr	ovided from oth	ner appropriat	ions:
EQUIPMEN	NOMENCI	PROC	URING	FISCA APPRO APPRO OR RE	AL YEAR PRIATED QUESTED	COST (\$000)
FURNISHI	IGS		340	0 2	2007	700

1. COMPONENT	OMPONENT FY 2007 MIL					UCTION	AM	2. DATE		
AIR FORCE										
INSTALLATION AND L	OCATION			COMMA	ND:			5. AREA	CONST	
HURLBURT FIELD,				AIR FO	RCE SPE	ECIAL		COST IN	DEX	0.82
FLORIDA				OPERA	TIONS C	OMMAN	ID			
6. Personnel	PER	MANENT		ST	UDENTS	6	SUI	PPORTED		
Strength	OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV	TOTAL
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	5)								783,725
Authorization Not Yet in	n Inventory	:								36,300
Authorization Requeste	d in this P	rogram:			(FY2007	")				32,950
Authorization Included i	in the Follo	wing Progr	am:		(FY2008	8)				2,633
Planned in Next Three	Year Prog	ram:								63,708
Remaining Deficiency:										58,100
Grand Total:										977,416
8. PROJECTS REQUE	ESTED IN	THIS PROC	GRAM:	(FY2007	')					
CATEGORY								COST	DESIGN	STATUS
<u>CODE</u>	PROJECT	TITLE				<u>SCOPE</u>		\$,000	<u>START</u>	CMPL
610-284	Joint Oper	rational Pla	nning Fa	acility		2,230	SM	7,250	Design E	Build
730-835	Add/Alter	Security Fo	rce Ope	erations		1,158	SM	1,900	Apr-05	Sep-06
214-425	Vehicle M	aintenance	Facility			3,031	SM	7,000	Apr-05	Sep-06
130-142	Fire/Crash	Rescue St	ation			3,040	SM	6,400	Apr-05	Sep-06
721-312	Dormitory	(50 RM)				2,700	SM	8,400	Design E	Build
851-147	Realign C	ruz Avenue				460	LM	2,000	Apr-05	Sep-06
						Total		32,950		
9a. FUTURE PROJEC	IS: Includ	led in the F	ollowing	g Prograr	n: (FY20	008)	014	0.000		
724-417	Add to Vis	siting Quarte	ers			1,060	SM	2,633		
	TO T :			X		lotal		2,633		
90. FUTURE PROJEC	Mobility M	al Planned (arabauaa (our rears		1 200	CM	¢4 500		
442-700			ozo RH	3)		1,200	SIVI	\$4,500 ¢2,800		
610 242	ADAL US	AF 303 Fa		u ortoro I		10 297	SIVI	φ2,000 ¢24.000		
010-243 951 147						10,307		φ24,000 ¢2.000		
211-147	Refueling	Vehicle Ma	, Flidse intenan	:∠ co Eacilit		305	SM	\$3,000		
214-425 442-758	Supply W/		menan	ce raciiii	.y	20 158	SM	φ 4 ,700 \$10,500		
442-730 211-121	Vehicle O	ne Admin F	acility			1 280	SM	\$2,600		
610-284	16th Cont	racting Sou	adron F	acility		930	SM	\$2,099		
010 201		luoting Oqu	auton	aomy		Total	CIVI	63 708	I.	
90 REAL PROPERTY	MAINTEN	IANCE BAC		THIS INS				00,700	41 5	
10 MISSION OR MAI				ers Air Fo	orce Sne	cial Oner	ations Co	ommand: a	special o	perations wind
with AC-130/MC-130/M	H-53/MH-6	60/UH-1 sp	ecial on	erations	squadroi	ns: Air Fo	acce Sner	cial Operat	ions Schor	ol: a special
tactics group: Air Force	e Comman	d and Cont	rol Trair	nina & Ini	novation	Group: a	RED HC	RSE sou	dron: and	the Air Force
Combat Weather Cente	er.		ou			e .eup, a			anon, and	
a Air pollution						120).		Ω		
								0		
b. Water Pollution								0		
								-		
c. Occupational Sa	fety and H	ealth						0		
								-		
d. Other Environme	ental							0		

DD Form 1390, 24 Jul 00

1. COMPONENT		FY 2007 MILITARY CONSTRUCTION PROJECT DATA 2. DATE							
AIR FORCE		(comp	uter ger	nerate	ed)				
3. INSTALLATIC	N AND L	OCATION		4. P	ROJECT TI	TLE			
HURLBURT FIELD	, FLORI	DA		JOIN	I OPERATIO	ONAL PLANNIN	G FACILITY		
5. PROGRAM ELE	MENT	6. CATEGORY CODE	7. PRO	JECT 1	NUMBER	8. PROJECT COST (\$000)			
27596		610-284 FTEV023011 7,							
		9. COS	t estii	MATES		_			
						UNIT	COST		
		ITEM		U/M	QUANTITY				
JOINT OPERTIONAL	PLANNIN	G FACILITY					4,393		
JOINT OPERTIONA	L PLANNI	NG FACILITY		SM	2,230	1,950	(4,349)		
ANTITERRORISM/F	ORCE PRO	TECTION		SM	2,230	20	(45)		
SUPPORTING FACIL	ITIES						2,150		
UTILITIES				LS			(950)		
PAVEMENTS				LS			(650)		
SITE IMPROVEMEN	TS			LS			(400)		
COMMUNICATION				LS			(150)		
SUBTOTAL							6,543		
CONTINGENCY	(5.0%)						327		
TOTAL CONTRACT C	OST						6,870		
SUPERVISION, INS	PECTION	AND OVERHEAD (5	5.7%)				392		
TOTAL REQUEST							7,262		
TOTAL REQUEST (R	OUNDED)						7,250		
EQUIPMENT FROM O	THER APP	ROPRIATIONS (NON-ADD)					(1,200)		

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.

Air Conditioning: 60 Tons

11. Requirement: 14878 SM Adequate: 12648 SM Substandard: 177 SM

PROJECT: Joint operational planning facility. (Current Mission)

<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.

<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

Page No.

1. COMPONENT	FY 2007 MILITARY CONSTRUCTION PROJECT DATA						2. DATE	
AIR FORCE		(computer generated)						
3. INSTALLATIO	n and l	OCAT	ION			4. PROJECT TI	TLE	
HURLBURT FIELD	, FLORIDA JOINT OPERATIONAL PLANNING FACILITY						FACILITY	
5 PROGRAM ELE								ST (\$000)

FTEV023011

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.

610-284

<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.

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: Lt Col Jeffrey L. Pitchford, Phone 850-884-7701. Joint Operational Planning Facility: 2230 SM = 24,000 SF.

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

27596

7,250

R FORCE	F	(compi	iter generated	.)			
INSTALLATIC	N AND LOCA	TION	4. PRC	JECT TITL	Æ		
JRLBURT FIELD	, FLORIDA		JOINT	OPERATION	IAL PLANNING	FAC	ILITY
. PROGRAM ELI	EMENT	6. CATEGORY CODE	7. PROJECT	NUMBER 8	3. PROJECT C	OST	(\$000)
27596		610-284	FTEV023	011	7	, 250	
2. SUPPLEMEN	TAL DATA:						
a. Estimated	d Design D	ata:					
(1) Projec	t to be a	complished by de	esign-build pr	rocedures			
(2) Basis:	andand an	Definitive Desis	-				NO
(a) SC (b) Wh	andard or ere Design	Was Most Recent	ly Used -				NO
(3) All Ot	her Design	n Costs					363
(4) Constr	ruction Cor	tract Award				07	JAN
(5) Constr	ruction Sta	irt				07	FEB
(6) Constr	ruction Con	pletion				08	MAY
(7) Energy			wag/will be	performed	L		YES
b. Equipment	t associat	ed with this pro	ject provided	from othe FISCAL APPROPI	er appropria , YEAR RIATED	tion	COST
b. Equipment	t associat	ed with this pro	ject provided	from othe FISCAL	er appropria , YEAR	tion	S:
b. Equipment	t associat	ed with this pro PR URE	ject provided	from othe FISCAL APPROPI OR REQ	er appropria , YEAR RIATED UESTED	tion	COST (\$000
b. Equipment EQUIPMENT FURNISHIN	NOMENCLAT	ed with this pro PR URE	ject provided OCURING APPRO 3400	from othe FISCAL APPROPI OR REQU	er appropria YEAR RIATED UESTED 08	tion	COST (\$000 1,100
b. Equipment EQUIPMENT FURNISHIN COMMUNICA	NOMENCLAT GS TION EQUIP	ed with this pro PR URE MENT	ject provided OCURING APPRO 3400 3400	from othe FISCAL APPROPI OR REQ 20 20	er appropria . YEAR RIATED UESTED 08 08	tion	COSI (\$000 1,100 100
b. Equipment EQUIPMENT FURNISHIN COMMUNICA	NOMENCLAT GS TION EQUIF	ed with this pro PR URE MENT	ject provided OCURING APPRO 3400 3400	from othe FISCAL APPROPI OR REQ 20 20	er appropria VEAR RIATED UESTED 08 08	tion	COST (\$000 1,100 100
b. Equipment EQUIPMENT FURNISHIN COMMUNICA	NOMENCLAT GS TION EQUIP	ed with this pro PR URE MENT	ject provided OCURING APPRO 3400 3400	from othe FISCAL APPROPI OR REQ 20 20	er appropria . YEAR RIATED UESTED 08 08	tion	COST (\$000 1,100 100
b. Equipment EQUIPMENT FURNISHIN COMMUNICA	NOMENCLAT GS TION EQUIP	ed with this pro PR URE MENT	ject provided OCURING APPRO 3400 3400	from othe FISCAL APPROPI OR REQ 20 20	er appropria . YEAR RIATED UESTED 08 08	tion	COST (\$000 1,100 100
b. Equipment EQUIPMENT FURNISHIN COMMUNICA	NOMENCLAT GS TION EQUIF	ed with this pro PR URE MENT	ject provided OCURING APPRO 3400 3400	from othe FISCAL APPROPI OR REQ 20 20	er appropria . YEAR RIATED UESTED 08 08	tion	COST (\$000 1,100 100
b. Equipment EQUIPMENT FURNISHIN COMMUNICA	NOMENCLAT GS TION EQUIP	ed with this pro PR URE MENT	ject provided OCURING APPRO 3400 3400	from othe FISCAL APPROPI OR REQ 20 20	er appropria , YEAR RIATED UESTED 08 08	tion	COST (\$000 1,100 100
b. Equipment EQUIPMENT FURNISHIN COMMUNICA	NOMENCLAT GS TION EQUIP	e-Cycle analys: ed with this pro PR URE MENT	ject provided OCURING APPRO 3400 3400	from othe FISCAL APPROPI OR REQ 20 20	er appropria . YEAR RIATED UESTED 08 08	tion	COST (\$000 1,100 100
b. Equipment EQUIPMENT FURNISHIN COMMUNICA	NOMENCLAT GS TION EQUIP	ed with this pro PR URE MENT	ject provided OCURING APPRO 3400 3400	from othe FISCAL APPROPI OR REQ 20 20	er appropria . YEAR RIATED UESTED 08 08	tion	COST (\$000 1,100 100
b. Equipment EQUIPMENT FURNISHIN COMMUNICA	NOMENCLAT GS TION EQUIP	ed with this pro PR URE MENT	ject provided OCURING APPRO 3400 3400	from othe FISCAL APPROPI OR REQ 20 20	er appropria , YEAR RIATED UESTED 08 08	tion	COST (\$000 1,100 100
b. Equipment EQUIPMENT FURNISHIN COMMUNICA	NOMENCLAT GS TION EQUIP	e-Cycle analys: ed with this pro PR URE MENT	ject provided OCURING APPRO 3400 3400	from othe FISCAL APPROPI OR REQ 20 20	er appropria , YEAR RIATED UESTED 08 08	tion	COST (\$000 1,100 100
b. Equipment EQUIPMENT FURNISHIN COMMUNICA	NOMENCLAT GS TION EQUIP	ed with this pro PR URE MENT	ject provided OCURING APPRO 3400 3400	from othe FISCAL APPROPI OR REQ 20 20	er appropria , YEAR RIATED UESTED 08 08	tion	COST (\$000 1,100 100
b. Equipment EQUIPMENT FURNISHIN COMMUNICA	NOMENCLAT GS TION EQUIP	e-Cycle analys: ed with this pro PR URE MENT	ject provided OCURING APPRO 3400 3400	from othe FISCAL APPROPI OR REQ 20 20	er appropria , YEAR RIATED UESTED 08 08	tion	COST (\$000 1,100 100
b. Equipment EQUIPMENT FURNISHIN COMMUNICA	nomenclat GS TION EQUIF	ed with this pro PR URE MENT	ject provided OCURING APPRO 3400 3400	from othe FISCAL APPROPI OR REQ 20 20	er appropria , YEAR RIATED UESTED 08 08	tion	COST (\$000 1,100 100

1. COMPONENT		FY 2007 MILITARY	CONSTRU	JCTION	I PROJECT	2. DATE		
AIR FORCE		(compu	iter ger	erate	ed)			
3. INSTALLATIC	N AND L	OCATION		4. Pl	ROJECT TI	TLE		
HURLBURT FIELD	, FLORI	DA		ADAL SECURITY FORCE OPERATIONS				
5. PROGRAM ELE	MENT	6. CATEGORY CODE	7. PRO	OJECT NUMBER 8. PROJECT COST (\$000)				
27596		730-835	FT	'EV943	8001	1	,900	
		9. COS	r esti	MATES	1	· · · · ·		
		ITEM		U/M	QUANTITY	UNIT	COST	
ADAL SECURITY FO	RCES OPE	RATIONS					1,343	
ADDITION				SM	536	1,655	(887)	
ALTERATIONS				SM	622	720	(448)	
ANTITERRORISM F	ORCE PRO	TECTION		SM	1,158	7	(8)	
SUPPORTING FACIL	ITIES						365	
UTILITIES				LS			(100)	
SITE IMPROVEMEN	ITS			LS			(35)	
PAVEMENTS				LS			(85)	
COMMUNICATION S	YSTEM			LS			(145)	
SUBTOTAL							1,708	
CONTINGENCY	(5.0%)					85	
TOTAL CONTRACT C	OST						1,793	
SUPERVISION, INS	PECTION	AND OVERHEAD	(5.7%)				102	
TOTAL REQUEST							1,896	
TOTAL REQUEST (R	OUNDED)						1,900	
EQUIPMENT FROM O	THER APP	ROPRIATIONS (NON-ADD)					(110.0)	
10. Descriptions slab, masonry w guardmount, con interior of ex: requirements per	on of Pr walls, a nference isting f	coposed Construction and sloped metal roc a, locker and shower facility to accomoda ed facilities crite	n: Rein of. Fun rooms, nte addi	force action and tion.	ed concret nal areas a tempora . Comply	e foundation include admi ury holding o with DoD for	and floor nistration, cell. Alter ce protection	
Air Conditioni	20	Tong						
11 Requirement	-• 1851	SM Adequate: 693	SM	Subst	andard• f	22 SM		
PROTECT · ADAL	Gegurit	v Forges Operations	. (Cur	rent	Mission			
PROUIDEMENT.	Decurro Thig pro	jost is required to			MISSION,	Iminiatration	functions	
guardmount and personnel. In Field to augment force protection	confere additic nt secur	once room, lockers a on, 60 Army National city forces in suppo rements per unified	nd show Guard ort of G	er ro perso lobal ties	ooms due t onnel have War on 1 criteria.	o increases been deploy errorism. (from 80 to 223 red to Hurlburt Comply with DoD	
CURRENT SITUAT	ION: Th	e existing facility	was co	nstru	ucted in 1	.979 for 80 p	personnel.	
There is insuff	Eicient	space in the existi	ng faci	lity	for admir	istrative pe	ersonnel,	
guardmount or 3	locker/s	shower rooms to acco	ommodate	the	increases	s in unit mar	ming. Daily	
guardmount brie	efings a	nd squadron trainin	ng compe	te fo	or the sam	ne 400 SF tra	ining room.	
In addition, la	ack of h	olding cells have f	forced t	he se	ecurity pe	ersonnel to u	use office	
analysis sectio	on is or	erating out of temp	orarv s	pace	away from	the operation	ons facility.	
IMPACT IF NOT	THOTTORY	: Security forces	will co	ntin	ie to be o	perate in a	poorly	
configured and the unit, this	inadequ will fu	ately sized facilit wither decline the m	y. As norale a	the a and pe	additional erformance	personnel a of these pe	are assigned to	
1								

1. COMPONENT		2. DATE						
AIR FORCE								
3. INSTALLATIO	n and l	AND LOCATION 4. PROJECT TITLE						
HURLBURT FIELD	, FLORI	DA		ADAL SECURITY	FORCE OPERATIO	ONS		
5. PROGRAM ELE	MENT	MENT 6. CATEGORY CODE 7. PROJECT NUMBER 8. PROJECT COST (\$000)						
27596	730-835 FTEV943001 1,900							

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.

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.

1. COMPONENT AIR FORCE	1. COMPONENT FY 2007 MILITARY CONSTRUCTION PROJECT DATA 2. DATE AIR FORCE (computer generated)										
2 THOMALLAME		(· · · · · · · · · · · · · · · · · · ·	<u> </u>								
3. INSTALLATIO	ON AND LO	CATION		4. PROJECT 1	TTFE						
HURLBURT FIEL	D, FLORIE	A		ADAL SECURIT	TY FORCE OPERA	TIONS					
5. PROGRAM EL	EMENT	6. CATEGORY CODE	7. PRO	JECT NUMBER	8. PROJECT CO	ST (\$000)					
27596		730-835	FT	EV943001	1,	900					
12. SUPPLEMEN	12. SUPPLEMENTAL DATA: a. Estimated Design Data:										
a. Estimated Design Data:											
(1) Status:											
(a) Da	te Desig	n Started			15	-APR-05					
(b) Pa	arametric	Cost Estimates use	d to dev	velop costs		YES					
* (c) Pe	ercent Con	mplete as of 01 JAN	2006			15%					
* (d) Da	ate 35% De	esigned			15	-SEP-05					
(e) Da	te Design	n Complete			15	-SEP-06					
(f) En	nergy Stud	dy/Life-Cycle analy	sis was/	will be perf	ormed	YES					
(2) Basis	:										
(1) St	andard o	r Definitive Design	_			NO					
(b) Wh	nere Desig	n Was Most Recentl	v Used -			110					
			•								
(3) Total	Cost (c)	= (a) + (b) or (d)) + (e):			(\$000)					
(a) Pr	oduction	of Plans and Speci	ficatior	1S		114					
(b) Al	1 Other 1	Design Costs				57					
(c) To	otal					171					
(d) Co	ntract					150					
(e) In	n-house					21					
(4) Const	ruction C	Contract Award				06 DEC					
(5) Const	ruction &	Start				07 JAN					
(6) Const	ruction (Completion				07 DEC					
* Indicat which i cost an	es comple s compara d executa	etion of Project De able to traditional ability.	finition 35% des	with Parame ign to ensure	tric Cost Esti e valid scope,	mate					
b. Equipmen	t associa	ated with this proj	ect prov	ided from ot	her appropriat	ions:					
				ET CO	AT. VEAD						
EQUIPMENT	I NOMENCL	I ATURE AP	PROCURIN	G APPRO	QUESTED	COST (\$000)					
SYSTEM FU	URNITURE		3400	2	2007	50					
COMMUNICZ	ATION EOU	IPMENT	3400	2	2007	60					
				_							

1. COMPONENT	FY 2007 MILITARY CONSTRUCTION PROJECT DATA 2. DATE							
AIR FORCE		(compu	uter ger	erate	ed)			
3. INSTALLATION AND LOCATION			4. PROJECT TITLE					
HURLBURT FIELD, FLORIDA					VEHICLE MAINTENANCE FACILITY (823 RHS)			
5. PROGRAM ELE	MENT	6. CATEGORY CODE	7. PRO	JECT 1	NUMBER	8. PROJECT CC	ST (\$000)	
27596		214-425	FI	'EV003	009	7,0	00	
		9. COS'	T ESTII	MATES	I			
						UNIT	COST	
		ITEM		U/M	QUANTITY	·		
VEHICLE MAINTENA	NCE FACI	LITY					4,249	
VEHICLE MAINTEN	ANCE FAC	ILITY		SM	3,031	1,388	(4,207)	
ANTITERRORISM/F	ORCE PRO	TECTION		SM	3,031	14	(42)	
SUPPORTING FACIL	ITIES						2,052	
UTILITIES				LS			(400)	
PAVEMENTS				SM	17,150	45	(772)	
SITE IMPROVEMEN	TS			LS			(289)	
DEMOLITION				SM	2,600	104	(270)	
ASBESTOS ABATEM	ENT			SM	1,200	140	(168)	
COMMUNICATIONS				LS			(79)	
TEMPORARY FACIL	ITY			LS			(74)	
SUBTOTAL							6,301	
CONTINGENCY	(5.0%)					315	
TOTAL CONTRACT C	OST						6,616	
SUPERVISION, INS	PECTION	AND OVERHEAD	(5.7%)				377	
TOTAL REQUEST							6,994	
TOTAL REQUEST (ROUNDED)							7,000	
EQUIPMENT FROM O	THER APP	ROPRIATIONS (NON-ADD)					(175.0)	
10. Descriptio	on of Pr	coposed Construction	n: Rein	force	ed concret	e foundation,	pre-	
engineered stee	el frame	walls, standing se	eam meta	l roc	of, overhe	ad crane, hyd	raulic	
lifts, utilities, compressed air system, fire detection/protection, oil/water								
demolition of three facilities (2.600 SM). Includes minimum DoD force protection								
standards.								
Air Conditionir	ng: 14	0 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 nyurautic fifts, and two pays must possess an overhead Grane 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,	mech	anical sł	nop ventilatio	n, battery	
and parts stora	lge area	is, and administrati	lve supp	ort a	reas com	plete with HVA	C.	
space so the new facility will go on the footprint of the existing facility. Therefore,								
DD FORM 1391, DEC 99 Previous editions are obsolete. Page No.						Page No.		

1. COMPONENT	FY 2007 MILITARY CONSTR	UCTION PROJECT DATA	2. DATE
AIR FORCE	(computer ge		
3. INSTALLATIC	N AND LOCATION	4. PROJECT TITLE	

HURLBURT FIELD, FLORI	DA	VEHICLE MAINT	VEHICLE MAINTENANCE FACILITY (823 RHS)		
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST (\$000)		
27596	214-425	FTEV003009	7,000		

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.

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.

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. 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) JOINT USE CERTIFICATION: Mission requirements, operational considerations, and location are incompatible with use by other components.
1. COMPONENT		FY 2007 MILITARY	CONSTRUC	TION PROJECT	DATA	2. DATE
		(comp	uter gene			
3. INSTALLATIO	ON AND LO	OCATION		4. PROJECT 1	TITLE	
HURLBURT FIEL	D, FLORI	DA		VEHICLE MAIN RHS)	TENANCE FACIL	ITY (823
5. PROGRAM EL	EMENT	6. CATEGORY COD	E 7. PRO	JECT NUMBER	8. PROJECT CO	ST (\$000)
27596		214-425	FT	EV003009	7,	000
12. SUPPLEMEN	TAL DATA	:				
a. Estimate	d Design	Data:				
(1) Statu	s:					
(a) Da	te Desig	n Started			15	-APR-05
(b) Pa	rametric	: Cost Estimates us	sed to de	velop costs		YES
* (c) Pe	rcent Co	mplete as of 01 J	AN 2006			15%
* (d) Da	te 35% I	Designed			01	-AUG-05
(e) Da	te Desig	n Complete			01	-SEP-06
(f) En	ergy Stu	dy/Life-Cycle ana	lysis was.	/will be perf	ormed	YES
(2) Basis	:					
(a) St	andard c	or Definitive Desig	m –			NO
(b) Wh	ere Desi	gn Was Most Recent	ly Used	-		
(3) Total	Cost (c	(a) = (a) + (b) or ((d) + (e)			(\$000)
(a) Pr	oduction	of Plans and Spec	ification	ng		420
(b) A1	1 Other	Design Costs		-0		210
(c) To	tal	bebigin cobeb				630
(d) Co	ntract					560
(a) cc (e) In	-house					70
(4) Const	ruction	Contract Award				07 .TAN
(E) Const		Chamb				07 FER
	ruccion					07 FEB
(6) Const	ruction	Completion				08 JUN
* Indicat which i cost an	es compl s compar d execut	etion of Project I able to traditiona ability.	Definition al 35% des	n with Parame sign to ensure	tric Cost Esti e valid scope,	mate
b. Equipmen	t associ	ated with this pro	ject prov	vided from ot	her appropriat	ions:
EQUIPMENT	NOMENCI	LATURE	PROCURIN	FISCA G APPRO FION OR RE	AL YEAR PRIATED QUESTED	COST (\$000)
FURNITURI	2		3400	:	2006	175

1. COMPONENT		FY 2007 MILITARY	CONSTRU	JCTION	I PROJECT	DATA	2. DATE		
AIR FORCE		(compu	uter ger	nerate	∋d)				
3. INSTALLATIC	N AND L	OCATION		4. PROJECT TITLE					
HURLBURT FIELD	, FLORI	DA		FIRE CRASH/RESCUE STATION					
5. PROGRAM ELE	MENT	6. CATEGORY CODE	7. PRO	JECT 1	NUMBER	8. PROJECT	COST (\$000)		
27596		130-142	FI	'EV973	8018	6	,400		
		9. COS	T ESTII	MATES	1				
		ITEM		U/M	QUANTITY	UNIT	COST		
FIRE CRASH/RESCU	E STATIO	N					4,503		
FIRE STATION				SM	3,040	1,475	(4,484)		
ANTITERRORISM F	ORCE PRO	TECTION		SM	3,040	6	(19)		
SUPPORTING FACIL	ITIES						1,275		
COMMUNICATION S	YSTEM			LS			(170)		
UTILITIES				LS			(350)		
PAVEMENTS				LS			(400)		
SITE IMPROVEMEN	ITS			LS			(150)		
OIL/WATER SEPAR	ATOR			EA	1	34,000	(34)		
DEMOLITION				SM	3,055	56	(171)		
SUBTOTAL							5,778		
CONTINGENCY	(5.0%)					289		
TOTAL CONTRACT C	OST						6,067		
SUPERVISION, INS	PECTION	AND OVERHEAD	(5.7%)				346		
TOTAL REQUEST							6,413		
TOTAL REQUEST (R	OUNDED)						6,400		
EQUIPMENT FROM O	THER APP	ROPRIATIONS (NON-ADD)					(115.0)		
10. Descriptio	on of Pr	coposed Construction	1: Four	datio	on and flo	oor slab, mas	sonry walls,		
steel frame and	i slopin	ng metal roof. Fund	ctional	areas	s include	admin space,	bunk,		
locker, fitness	s, confe	erence, alarm, dayro	oom, kit	chen,	extingui	isher maint,	storage,		
support. Compl	ly with	DoD force protection	on requi	remer	its per un	nified facili	ties.		
criteria. Demo	lish fo	our facilities (3,05	55 SM).		•				
Air Conditionin	ng: 10	5 Tons							
11. Requirement	: 3040	SM Adequate: 0 S	SM Su	ıbstar	dard: 305	55 SM			
PROJECT: Const	truct a	fire crash/rescue s	station.	. (Ci	urrent Mi	ssion).			
REQUIREMENT: 1	This pro	ject is required to	provid	le an	adequate	crash/rescue	operation,		
located on the aircraft schedu	flight 11ed to	line to protect 56 arrive from FY06 to	permane FY10.	ntly	assigned	and 13 addit	ional C-130		
CURRENT SITUAT	ION: Th	ne existing wood fra	ame stru	icture	e built in	n 1956 is ina	dequate and		
poorly configur	red to a	support 72 personnel	L and 16	piec	es of mag	jor fire prot	ection		
equipment. In	additic	on, the mechanical,	and ele	ctric	al syster	ns are old ar	nd antiquated		
and can not be	economi	cally upgraded.	The mech	anica	al system	n does not pr	covide adequate		
electrical syst	J TO III -em ie i	nsufficient to supr	ort evi	stipe	I loade	Electrical of	ircuit		
breakers are re	eset fre	equently due to high	n demand	ls of	office co	omputers and	equipments.		
In the vehicle	bay are	a, the concrete flo	oor is s	inkir	ng due to	age of concr	ete floor slab		
and heavy weigh	nt of ne	w fire protection e	equipmen	ıt.					
IMPACT IF NOT H	PROVIDEI	: Firemen will cor	ntinue t	o ope	erate in a	a facility th	nat is poorly		

1. COMPONENT		FY 2007 MILITARY	CONSTRU	JCTION PROJECT	DATA	2. DATE				
	L									
3. INSTALLATIO	ON AND L	OCATION		4. PROJECT TI	TLE					
HURLBURT FIELI	D, FLORI	DA		FIRE CRASH/RE	SCUE STATION					
5. PROGRAM ELE	EMENT	6. CATEGORY CODE	7. PRO	JECT NUMBER	8. PROJECT CO	ST (\$000)				
27596		130-142	F	EV973018	6,4	00				
configured and will impact the	with de e morale	eteriorated structur e and well being of	ral, mee the pe	chanical, and rsonnel workin	electrical syst g under such co	cems. This onditions.				
ADDITIONAL: This project does meet the criteria/scope specified in Air Force Handbook										
32-1084, "Facil	lity Rec thig pro	quirements". A prel	liminar	y analysis of	reasonable opt:	ions for				
was done, it i	ndicates	s only one-option me	ets op	erational requ	irements. A ce	ertificate of				
exception has 1	been pro	epared. BASE CIVIL	ENGINE	ER:: Jeffrey	L. Pitchford, 1	Lt Col, (850)				
TOTAT LICE CEDT		$\sum_{i=1}^{n} \sum_{j=1}^{n} \sum_{i=1}^{n} \sum_{i$	n he w	and her other a	omponents on a					
available" bas	is, how	ever, the scope of t	the pro	ject is based	on Air Force re	equirements.				

1. COMPONENT AIR FORCE		FY 2007 MILITARY C	ONSTRUC	IION PROJECT	DATA	2. DATE
3. INSTALLATI	ON AND L	OCATION		4. PROTECT	ידיד.ב	1
HURLBURT FIEL	D. FLORT	DA		FIRE CRASH/H	RESCUE STATION	
		6 CATEGORY CODE	7 880			ደም (\$000)
5. PROGRAM EL	CHICIN I	6. CALEGORI CODE	/. PRO	JECI NUMBER	8. PROJECI CO	51 (\$000)
27596		130-142	FT	EV973018	6,	400
12. SUPPLEMEN	TAL DATA	:				
a. Estimate	d Design	Data:				
(1) Statu	s:					
(a) Da	te Desig	n Started			30	-APR-05
(b) Pa	rametric	: Cost Estimates use	d to dev	relop costs		YES
* (c) Pe	ercent Co	mplete as of 01 JAN	2006			15%
* (d) Da	ite 35% I	Designed			15	SEP-05
(e) Da	te Desig	n Complete		(15 	SEP-06
	lergy Stu	dy/Life-Cycle analy	sis was/	will be peri	ormed	YES
(2) Basis	:					
(a) St	andard o	or Definitive Design	-			NO
(b) Wh	ere Desi	gn Was Most Recentl	y Used –			
(3) Total	Cost (c	(a) = (a) + (b) or (d)) + ().			(\$000)
(3) Fr	oduction	of Plans and Speci	fication	IS		384
(b) Al	1 Other	Design Costs				192
(c) To	tal	j				576
(d) Co	ntract					450
(e) In	-house					126
(4) Const	ruction	Contract Award				06 DEC
(5) Const	ruction	Start				07 JAN
(6) Const	ruction	Completion				08 MAR
* Indicat which i cost an	es compl s compar d execut	etion of Project De able to traditional ability.	finitior 35% des	with Parame rign to ensure	tric Cost Esti e valid scope,	mate
b. Equipmen	t associ	ated with this proj	ect prov	ided from ot	her appropriat	ions:
				FISC	AT. YEAR	
EQUIPMEN	NOMENC	I LATURE AP	PROCURIN	G APPRC	PRIATED QUESTED	COST (\$000)
PREWIRED	WORK ST	ATION	3400	2	2007	55
COMMUNICATION EQUIPMENT 3400 2007						

1. COMPONENT		FY 2007 MILITARY	CONSTRU	JCTION	I PROJECT	DATA	2. DATE		
AIR FORCE		(compu	iter gei	nerate	ed)				
3. INSTALLATIO	N AND L	OCATION		4. PROJECT TITLE					
HURLBURT FIELD	, FLORI	DA		DORMITORY, 50-ROOMS					
5. PROGRAM ELE	MENT	6. CATEGORY CODE	7. PRO	DJECT NUMBER 8. PROJECT COST (\$000)					
27418		721-313	FI	EV063	007	8,	400		
		9. COS	r esti	MATES					
				/34		UNIT	COST		
		TIEW		_U/M_	QUANTITY				
STUDENT DORMITOR	Y						5,551		
STUDENT DORMITO	RY (50 R	MS)		SM	2,700	2,056	(5,551)		
SUPPORTING FACIL	ITIES						2,030		
UTILITIES				LS		i i	(533)		
PAVEMENTS				LS			(568)		
SITE IMPROVEMEN	ITS			LS			(522)		
COMMUNICATIONS				LS			(53)		
DEMOLITION (BLI	GS 90329	& 90330)		SM	4,970	61	(303)		
ASBESTOS ABATEN	ENT			LS			(50)		
SUBTOTAL							7,581		
CONTINGENCY	(5.0%)						379		
TOTAL CONTRACT C	057						7,960		
SUDEDVISION INS	DECTION		78)				454		
TOTAL REQUEST	I dellow		• 7 • 0)				8 414		
TOTAL REQUEST							8,400		
FOULDMENT FROM C	TUFD ADD						8,400 (975)		
LO De reviert de	INER AFF	ROPRIATIONS (NON-ADD)					(8/5)		
IU. Descriptio	walle w	oposed Construction	tanding	LOTCE	metal ro	e roundation	and iloor		
Includes room-	-bath mc	dules (2 students r	per room	n), tr	aining su	por, and fife	laundry,		
storage areas,	parking	, walkways, and com	municat	ions	support.	Includes			
antiterrorism/	force pr	otection requirement	nts ider	ntifie	ed in DoD	unified faci	lities		
criteria.									
Air Conditionin	ng: 75	Tons Grade Mix: El	-E4 1	00					
11. Requirement	: 233 F	N Adequate: 133	PN S	Substa	undard: 0	PN			
PROJECT: Const	ruct a	50-room, 100 person	n pipeli	ne st	udent dor	mitory. (Cu	rrent Mission)		
REQUIREMENT:	Properly	sized and configur	ed dorn	nitori	les are re	equired to su	pport training		
of students. 2	A major	Air Force objective	provid	les ur	naccompani	ed enlisted	personnel with		
housing conduc:	ive to t	heir proper rest, r	elaxati	on an	nd persona	al well-being	while		
providing a su	itable s	study environment.	Properl	y des	signed and	l furnished q	uarters		
providing some	degree	of individual priva	acy, are	e esse	ential to	the successi	ul anla ama		
training for a	or the	perform. Space is	require	d for	Military	y Training Le	aders (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.							
CURRENT SITUAT	ION: Th	he base currently ha	as insuf	ficie	ent on-bas	se housing to	accommodate		
the pipeline st	cudent e	enlisted personnel.	Insuff	icier	nt dormito	ory capacity	has held		
student enroll	ment at	artificially low le	evels ar	nd tra	aining car	not keep up	with demand.		
Existing facil:	lties ar	e over forty years	old and	i are	not econo	mically feas	ible to		

1. COMPONENT	FY 2007 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AIR FORCE	(computer generated)	

3. INSTALLATION AND L	OCATION	4. PROJECT TI	4. PROJECT TITLE				
HURLBURT FIELD, FLORI	DA	DORMITORY, 50-ROOMS					
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST (\$000)				
27418	721-313	FTEV063007	8,400				

renovate or improve. The poor condition of these forty year old dorms leads to poor moral and a very unprofessional training environment.

<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.

<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.

	(cc	mputer ge	nerated)			-	• 5			
ON AND LO	CATION		4. PROJEC	CT TITLE	:	1				
), FLORII	DA		DORMITORY	Y, 50-RC	OMS					
EMENT	6. CATEGORY (CODE 7. P	ROJECT NUM	IBER 8	. PROJECT CC	ST	(\$000)			
	721-313		FTEV063007	,	8,	400				
TAL DATA	:	i								
d 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 -										
ther Desi	gn Costs						420			
ruction (Contract Award					07	JAN			
ruction a	Start					07	FEB			
ruction (Completion					07	NOV			
y Study/I	life-Cycle analy	ysis was/w	ill be per	rformed			NO			
t associa	ated with this ATURE	project pr PROCURING	ovided fro	om other FISCAL APPROPR OR REQU	r appropriat YEAR IATED ESTED	ion	s: Cost (\$000)			
:		340	0	200	8		800			
ION EQUI	PMENT	340	0	200	8		75			
	ON AND LC D, FLORII EMENT TAL DATA d Design ct to be andard of ere Desi ther Desi ruction C ruction C y Study/I t associa NOMENCL CION EQUI	FY 2007 MILITA (CC ON AND LOCATION D, FLORIDA EMENT 6. CATEGORY (721-313 TAL DATA: d Design Data: ct to be accomplished by : andard or Definitive Detere Design Was Most Rec ther Design Costs ruction Contract Award ruction Start ruction Completion y Study/Life-Cycle analy t associated with this NOMENCLATURE CON EQUIPMENT	FY 2007 MILITARY CONSTRUCT (computer get) ON AND LOCATION D, FLORIDA EMENT 6. CATEGORY CODE 7. Pl 721-313 7 TAL DATA: 1 1 d Design Data: 7 1 1 ct to be accomplished by design-be:	FY 2007 MILITARY CONSTRUCTION PROCEEDING (computer generated) 200 AND LOCATION 4. PROJECT NUM 20, FLORIDA 721-313 EMENT 6. CATEGORY CODE 7. PROJECT NUM 721-313 71000000000000000000000000000000000000	FY 2007 MILITARY CONSTRUCTION PROJECT DA (computer generated) 2N AND LOCATION 4. PROJECT TITLE DORMITORY, 50-RC 2, FLORIDA 0. CATEGORY CODE 7. PROJECT NUMBER 8. 721-313 FTEV063007 8. TAL DATA: d Design Data: 5. 8. ct to be accomplished by design-build procedures 5. andard or Definitive Design - here Design Was Most Recently Used - 5. ther Design Costs 5. ruction Contract Award 5. ruction Completion 7. FISCAL Y Study/Life-Cycle analysis was/will be performed 5. NOMENCLATURE 9. 9. NOMENCLATURE 3400 200 210N EQUIPMENT 3400 200	FY 2007 MILITARY CONSTRUCTION PROJECT DATA (computer generated) ON AND LOCATION 4. PROJECT TITLE DORMITORY, 50-ROOMS EMENT 6. CATEGORY CODE 721-313 7. PROJECT NUMBER (S. PROJECT CONSTRUCTION PROJECT DATA) CM AND LOCATION 4. PROJECT TITLE DORMITORY, 50-ROOMS 8. EMENT 6. CATEGORY CODE 721-313 7. PROJECT NUMBER (S. PROJECT CONSTRUCTION PROJECT DATA) TAL DATA: 10 Design Data: 8. PROJECT CONSTRUCTION PROJECT DATA) to be accomplished by design-build procedures 9. :: andard or Definitive Design - Here Design Was Most Recently Used - ther Design Costs - :: andard or Definitive Design - Here Constant - :: andard or Definitive Design - Here Design Costs - :: andard or Completion - :: Study/Life-Cycle analysis was/will be performed - :: Study/Life-Cycle analysis was/will propertiate OR REQUESTED - :: 3400 2008 :: 3400 2008	FY 2007 MILITARY CONSTRUCTION PROJECT DATA (COMPUTER GENERATED) 2 IN AND LOCATION 4. PROJECT TITLE DORMITORY, 50-ROOMS 4. PROJECT TITLE DORMITORY, 50-ROOMS EMENT 6. CATEGORY CODE 721-313 7. PROJECT NUMBER FTEV063007 8. PROJECT COST 8.400 TAL DATA: 1 1 1 1 d Design Data: . FTEV063007 8.400 TAL DATA: 1 1 1 1 d Design Data: .			

1. COMPONENT		FY 2007 MILITARY CONSTRUCTION PROJECT DATA 2. DATE								
AIR FORCE		(COMPI	iter gen	erate	ed)					
3. INSTALLATIO	ON AND L	OCATION		4. P	ROJECT TI	TLE				
HURLBURT FIELI), FLORI	DA		REALIGN CRUZ AVENUE						
5. PROGRAM ELE	EMENT	6. CATEGORY CODE	7. PROJ	ROJECT NUMBER 8. PROJECT COST (\$000)						
27596		851-147	FT	FTEV033014 2,						
		9. COS	T ESTIN	ATES	1					
		ITEM		U/M	QUANTITY	UNIT		COST		
REALTON CRUZ AVE	NUE							9.	25	
REALIGN CRUZ AV	/ENUE			LM	460	2,010		(9:	25)	
SUPPORTING FACIL	ITIES							88	86	
UTILITIES				LS				(40	00)	
SITE IMPROVEMEN	ITS			LS				(2!	50)	
PARKING PAVEMEN	TS			LS				(2:	25)	
DEMO BLDG 90604	1			SM	99	110		(, 11)	
SUBTOTAL								1,81	10	
CONTINGENCY	(5.0%)						-	91	
TOTAL CONTRACT C	юят	,						1.90	<u> </u>	
SUPERVISION INS	PECTION	AND OVERHEAD	(5.7%)					-,50	08	
TOTAL REQUEST	Derion		(5.78)					2 00	<u></u>	
TOTAL REQUEST								2,00		
IOIAL REQUEST (R	CONDED)						L	2,00		
demolish curbs compaction, cu sodding and st spaces and site	and sid lverts a riping. e improv	ewalks. Construction lewalks. Construct t and retaining walls Includes relocatio rements/mitigation a	n: Demo wo lane along e on of el as requi	asph asph xisti ectri red.	road and halt road, ng ditch, cal and w	parking pave , including f , curbs and s vater lines,	ill sidev 200	and walks, parking	a	
11. Requirement	t: 460 I	M Adequate: 0 LM	I Sub	stand	lard: 460	LM				
PROJECT: Real	ign Cru	z Avenue. (Current	Mission)						
REQUIREMENT:	This pro	ject is required to	realig	n Cru	iz Avenue	to provide a	adequ	uate sta	and-	
off distances :	from exi	sting and future pl	anned f	acili	ties in a	support of th	ne F	109 bed	down	
of additional (C-130 ai	rcraft at Hurlburt	Field.	This	project	will provide	e bet	cter ac	cess	
and adequate pa	arking s	spaces to facilities	s locate	d on	the north	n-west side o	of tl	ne flig	ht	
CURRENT STTUAT	TON• C•	uz Avenue is withir	30 fee	t of	existing	and newly n	lann	ed		
facilities and and five exist:	is too ing faci	close to provide ad lities are at risk	lequate to incl	force ude t	e protect: the Aeria	ion. Over 20 Delivery facility)0 pe acil:	ersonne ity, Ba	l se	
Maintenance Gro	oup Head	quarters. In suppo	ort of t	he C-	130 beddo	own, a new C	-130	hangar	and	
squadron operat	tions fa	acility are schedule	ed to be	cons	structed :	in FY09 betwe	en f	the		
flightline and	Cruz Av	venue and will be in	npacted	unles	s this ro	ad is realig	jned	•		
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 fa	cilities	s will also be impac	ted by	the c	lose pro	kimity of Cru	IZ A	venue.		
ADDITIONAL: T 1084, "Facilit	his proj y Requin	ject meets the crite rements." A prelimin	eria/sco nary ana	pe sp lysis	pecified : s of rease	in Air Force onable option	Hand ns fo	lbook 3 or	2-	
accomplishing	this pro	oject (status quo, m	renovati	on, u	upgrade/re	emoval, new o	const	tructio	n)	
was done. It is	ndicates	s that there is only	y one op	tion	that will	l meet the op	pera	tional		

1. COMPONENT	F	DATA	2. DATE						
AIR FORCE		(computer generated)							
3. INSTALLATION AND LOCATION 4. PROJECT TITLE									
HURLBURT FIELD,	FLORIDA				REALIGN CRUZ AVENUE				
5. PROGRAM ELEME	ENT 6.	CATEGORY	CODE	7. PROJECT NUMBER 8		8. PROJECT COST (\$000)			
27596		851-147		FI	EV033014	2,0	00		

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)

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.

ALM FORLS (COMPUTE GENERAT) 3. INSTALLATION AND LOCATION 4. FROJECT TITLE REALIGN CRUZ AVENUE 5. FROGRAM ELEMENT 6. CATEGORY CODE 7. FROJECT NUMBER 8. FROJECT COST (\$000) 27596 851-147 FTEV033014 2,000 12. SUPPLEMENTAL DATA: a. Estimated Design Data: 11 1.1 (1) Status: (a) Date Design Started 15-APR-05 (b) Parametric Cost Estimates used to develop costs TES * (d) Date Design Complete as of 01 JAN 2006 15% (d) Date Design Complete as of 01 JAN 2006 15% * (d) Date Design Complete 15-SEF-05 (e) Date Design Complete 15-SEF-06 (f) Energy Study/Life-Cycle analysis was/will be performed NO (2) Dasis: (a) Standard or Definitive Design - NO (b) Muere Design Was Most Recently Used - (b) All Other Design Costs 100 (a) Contract 120 (d) Construction of Plans and Specifications 120 120 120 120 (d) Construction Completion 07 JAN 160 160 160 (e) In-house 20 20 20 20 20 (d) Construction Completion 07 JAN 160	1. COMPONENT		FY 2007 MILITARY C	ONSTRUCT	TION PROJECT	DATA	2. DATE
3. INSTALLATION AND JOCATION 4. FROJECT TITLE REPLEMENT FIELD, FLORIDA REALIGN CEUZ AVENUE 5. FROGRAM ELEMENT 6. CATEGORY CODE 7. FROJECT NUMBER 8. FROJECT COST (\$000 27596 851-147 FTEV033014 2,000 12. SUPPLEMENTAL DATA: a. Estimated Design Data: 15-APP-05 (b) Parametric Cost Estimates used to develop costs YES * (c) Percent Complete as of 01 JAN 2006 15-APP-05 (e) Date 35% Designed 15-APP-05 (f) Date 35% Designed 15-SEP-06 (f) Energy Study/Life-Cycle analysis was/will be performed NO (2) Basis: (a) Standard or Definitive Design - NO NO (b) Where Design Was Most Recently Used - NO (a) Total Cost (c) = (a) + (b) or (d) + (e): (g000) (a) Froduction of Plans and Specifications 120 (b) All Other Design Costs 60 (c) Total 180 (d) Construction Contract Award 06 DEC (5) Construction Completion 07 JAN (e) Construction Completion 07 JAN (6) Construction Completion 07 JAN (e) Construction Completion 07 JAN (6) Construction Completion 07 DEC * Indicates completion of Project Definition with Parametr	AIR FORCE			er gener			
HURLBURT FIELD, FLORIDA REALIGN CRUZ AVENUE 5. FROGRAM ELEMENT 6. CATEGORY CODE 7. FROJECT NUMBER 8. FROJECT COST (\$001 27596 851-147 FTEV033014 2,000 12. SUPPLEMENTAL DATA: a. Estimated Design Data: 11 15-APR-05 (1) Status: (a) Date Design Started 15-APR-05 YES (a) Date Design Started 15-APR-05 YES (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) Pasis: (a) Standard or Definitive Design - NO (b) Mhere Design Was Most Recently Used - (\$000) (a) Production of Plans and Specifications 120 (b) All Other Design Costs 60 (C) Total 180 180 (d) Construction Contract Award 06 DEC 20 19 (e) In-house 20 07 JAN 07 JAN (f) Construction Completion 07 JOE 17 Indicates completion of Project Definition with Parametric Co	3. INSTALLATIO	ON AND LO	OCATION		4. PROJECT I	TTLE	
5. FROGRAM ELEMENT 6. CATEGORY CODE 7. FROJECT NUMBER 8. FROJECT COST (\$000 27596 \$51-147 FTEV033014 2,000 12. SUPPLEMENTAL DATA: a. Estimated Design Data: 11 (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-% (e) Date Design Complete 15-% (f) Energy Study/Life-Cycle analysis was/will be performed NO (2) Rasis: (a) Standard or Definitive Design - NO (b) Mhere Design Was Most Recently Used - 100 100 (c) Total Cost (c) = (a) + (b) or (d) + (e): (\$000) (a) Production of Plans and Specifications 120 (b) All Other Design Costs 60 60 100 100 (a) Construction Contract Award 06 DEC 100 100 100 (b) Construction Completion 07 JAN 07 JAN 06 07 JAN (6) Construction Completion 07 DEC 17 JAN 07 JAN 07 JAN (6) Construction Completion 07 Project Definition with Para	HURLBURT FIEL	D, FLORI	DA	1	REALIGN CRUZ	AVENUE	
27596 951-147 FTEV033014 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 3% Designed 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): (g000) (a) Total Cost (c) = (a) + (b) or (d) + (e): (g000) (b) All Other Design Costs 60 (c) Total 180 (d) Contract 160 (e) In-house 20 (f) Construction Contract Award 06 DEC (f) Construction Completion 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	5. PROGRAM EL	EMENT	6. CATEGORY CODE	7. PROJ	JECT NUMBER	8. PROJECT CO	ST (\$000)
<pre>12. SUPPLEMENTAL DATA: a. Estimated Design Data: (1) Status: (a) Date Design Started 15-AFR-05 (b) Parametric Cost Estimates used to develop costs YES * (c) Percent Complete as of 01 JAN 2006 15-8EP-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 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</pre>	27596		851-147	FTI	EV033014	2,	000
 a. Estimated Design Data: (1) Status: (a) Date Design Started (b) Parametric Cost Estimates used to develop costs (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 (a) Standard or Definitive Design - (b) Where Design Was Most Recently Used - (3) Total Cost (c) = (a) + (b) or (d) + (e): (f) Contract (g) Contract (g) Contract (h) Construction Contract Award (h) Construction Completion (h) Gongraphic 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 	12. SUPPLEMEN	TAL DATA	.:				
 (1) Status: (a) Date Design Started (b) Parametric Cost Estimates used to develop costs (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 (a) Standard or Definitive Design - (b) Mhere Design Was Most Recently Used - (c) Contact (c) = (a) + (b) or (d) + (e): (f) Construction Contract Award (g) Construction Completion (h) Construction Completion (c) construction for 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 	a. Estimate	d Design	Data:				
 (a) Date Design Started (b) Parametric Cost Estimates used to develop costs (c) Percent Complete as of 01 JAN 2006 (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 - (b) Where Design Was Most Recently Used - (3) Total Cost (c) = (a) + (b) or (d) + (e): (g) 1000 (a) Production of Plans and Specifications (b) All Other Design Costs (c) Total (d) Contract (e) In-house (4) Construction Contract Award (5) Construction Completion (6) Construction Completion (7) JAN (6) Construction 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) Statu	s:					
 (b) Parametric Cost Estimates used to develop costs (c) Percent Complete as of 01 JAN 2006 15-8EP-06 (e) Date 35% Designed 15-SEP-06 (f) Energy Study/Life-Cycle analysis was/will be performed NO (2) Basis: (a) Standard or Definitive Design - (b) Where Design Was Most Recently Used - (3) Total Cost (c) = (a) + (b) or (d) + (e): (g) Production of Plans and Specifications (a) Contract (b) All Other Design Costs (c) Total (d) Contract (e) In-house (f) Construction Contract Award (f) Construction Completion (h) Construction 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	(a) Da	te Desig	n Started			15	-APR-05
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 (d) Date 35% Design Complete 15-5EP-06 (e) Date Design Complete 15-5EP-06 (f) Energy Study/Life-Cycle analysis was/will be performed NO (2) Basis: (a) Standard or Definitive Design - (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 100 (d) Construction Contract Award 06 DEC (e) Construction Completion 77 JAN (f) Construction Completion 77 JAN (f) Construction 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	* (c) Pe	rcent Co	mplete as of 01 JAN	2006			15%
 (e) Date Design Complete (f) Energy Study/Life-Cycle analysis was/will be performed NO (2) Basis: (a) Standard or Definitive Design - (b) Where Design Was Most Recently Used - (3) Total Cost (c) = (a) + (b) or (d) + (e): (\$000) (a) Production of Plans and Specifications (b) All Other Design Costs (c) Total (d) Contract (e) In-house (4) Construction Contract Award (5) Construction Completion (6) Construction Completion (7) 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	* (d) Da	te 35% D	Designed			15	-SEP-05
 (1) Energy Study/Mile-Cycle analysis was/will be performed to performed to perform analysis was/will be performed to perform and performed to perform and performed to perform and performed to perform and performed to perform and performed to perform analysis was/will be performed to perform analysis was/will be performed to perform analysis was/will be performed to performed to perform analysis was/will be performed to performed	(e) Da (f) En	erov Stu	n compiete dv/Life-Cvale analys	aig wag/	will be perf	ormed	NO
 (2) Basis: (a) Standard or Definitive Design - (b) Where Design Was Most Recently Used - (3) Total Cost (c) = (a) + (b) or (d) + (e): (3) Production of Plans and Specifications (4) Contract (6) Construction Contract Award (4) Construction Completion (5) Construction Completion (6) Construction Completion (7) JAN (6) Construction 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 		ergy but	dy/hite-cycle analys	sis was/	will be perio	ormed	NO
 (a) Standard or Definitive Design - (b) Where Design Was Most Recently Used - (3) Total Cost (c) = (a) + (b) or (d) + (e): (\$000) (a) Production of Plans and Specifications (b) All Other Design Costs (c) Total (d) Contract (e) In-house (f) Construction Contract Award (f) Construction Completion (f) Construction Completion (g) Construction 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 	(2) Basis	:					
 (b) Where Design Was Most Recently Used - (3) Total Cost (c) = (a) + (b) or (d) + (e): (\$000) (a) Production of Plans and Specifications (b) All Other Design Costs (c) Total (d) Contract (e) In-house (4) Construction Contract Award (b) Construction Completion (c) Construction Completion (f) Construction 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 	(a) St	andard c	or Definitive Design	-			NO
 (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 66 DEC (5) Construction Start 77 JAN (6) Construction Completion 77 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 	(b) Wh	ere Desi	gn Was Most Recently	y Used -			
 (a) Production of Plans and Specifications (b) All Other Design Costs (c) Total (d) Contract (e) In-house (f) Construction Contract Award (f) Construction Start (f) Construction Completion (f) Construction Completion (f) Construction of Project Definition with Parametric Cost Estimate which is comparable to traditional 35% design to ensure valid scope, cost and executability. (f) Equipment associated with this project provided from other appropriations: N/A 	(3) Total	Cost (c	(a) = (a) + (b) or (d)) + (e):			(\$000)
 (b) All Other Design Costs (c) Total (d) Contract (e) In-house (f) Construction Contract Award (f) Construction Start (f) Construction Completion (f) Construction Completion Completion Completion (f) Construction Completion Co	(3) IOCUI (a) Pr	oduction	of Plans and Specif	fication	s		120
 (c) Total (d) Contract (e) In-house (f) Construction Contract Award (f) Construction Start (f) Construction Completion (f) Construction Completion (f) Construction 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 	(b) Al	1 Other	Design Costs				60
 (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 	(c) To	tal	-				180
(e) In-house20(4) Construction Contract Award06 DEC(5) Construction Start07 JAN(6) Construction Completion07 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	(d) Co	ntract					160
<pre>(4) Construction Contract Award 06 DEC (5) Construction Start 07 JAN (6) Construction Completion 07 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</pre>	(e) In	-house					20
 (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 	(4) Const:	ruction	Contract Award				06 DEC
 (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 	(5) Const	ruction	Start				07 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: N/A 	(6) Const	ruction	Completion				07 DEC
b. Equipment associated with this project provided from other appropriations: N/A	* Indicat which i cost an	es compl s compar d execut	etion of Project Def able to traditional ability.	Einition 35% des	with Paramet ign to ensure	tric Cost Esti e valid scope,	mate
	b. Equipmen N/A	t associ	ated with this proje	ect prov	ided from oth	ner appropriat	ions:

1. COMPONENT AIR FORCE		FY 2	2007 M	ILITAR`	Y CONS	ΓRU	CTION	PROGR	AM	2. DATE (Y 200	YYYMMDD) 051220	
3. INSTALLATION MACDILL AIR FOR FLORIDA	AND LOC/ CE BASE	ATION		4. CON AIR MO	MMAND: DBILITY	CON	MMAND		5. AREA COST IN 0.95	5. AREA CONST COST INDEX 0.95		
6. Personnel	(1) P	ERMANE	NT	(2	2) STUDE	ENT	S	(3) SUPPOI	RTED	(4) TOTAL	
AS OF 30 SEP 05	0FF 306	ENL 2 136	377		ENL	0		0FF 1 123	ENL 1 299	CIV 837	6 078	
END FY 2010	257	1,969	346	0		0	0	1,511	1,673	1,144	6,900	
7. INVENTORY DA	TA (\$000)											
a. Total Acreage:	(0									5,767	
b. Inventory Lotal a c. Authorization Not	SOF: (303 t Vet in Inv	Sep 05)									2,260,301	
d. Authorization Re	auested in	this Progr	am: (F	Y2007)							94.300	
e. Authorization Inc	luded in th	e Followin	a Proai	am: (F	Y2008)						98,000	
f. Planned in Next T	hree Year	s Program	: (FY2	009-2 ⁰ 1	l1) [´]						72,000	
g. Remaining Defici	iency:										250,800	
h. Grand Total:											2,899,201	
8. PROJECTS REC	QUESTED	IN THIS P	ROGR.	AM: (F`	Y2007)					DEOLON		
							$(2) \Sigma$			C. DESIGN		
(I) CODE		(Z) PRV COM Join	JJECI t Intelli	IIILE Nanca (ontor		(3) 50	JOPE	(\$000)	(1) START	(2) CIVIPL	
610-284	Phase II		22,685				22,685	SM	23,300	Jun-04	Sep-05	
610-284	Add To L	SCENTCO	om hq				13,119	SM	60,000	Mar-05	Nov-06	
721-312	Dormitor	y (96 RM)	(96 RM)				3,168	SM	11,000	Sep-05	Sep-06	
							т	οται –	94 300			
9a. Future Projects:	Included	in the Foll	owina I	Program	n: (FY20	08)	- 1		54,000			
610-284	Alter US	CENTCOM	IHQ	9.5		,	17,393	SM	98,000	Mar-05	Nov-06	
							Т	OTAL =	98,000			
9b. Future Projects:	: Planned	Next Thre	e Years	5: (FY2)	009-201	I)	7 007	~~~	45 000			
010-243	Consolid	ated Base	Suppo	rt Facilit	У		7,937	SIVI	15,000			
214-425	Consolid	ated Com	uppiy C	ions Ea	cility		9,001 / 801	SIVI	20,000			
610-284	Add To a	nd Alter U	SCENT	COM F	lQ		4,001		22 000			
0.0 20.							•	20	22,000	1		
							Т	OTAL =	72,000			
9c. Real Property M	laintenanc	e Backlog	This In	stallatio	n							
			1 a k !!!!	0.0			T	OTAL =			119	
10. Mission or Majo	or Function	s: An Air N	lobility	Comma	ind wing	with	a KC-1	35 squa	dron and	a command	support airlift	
11. Outstanding pol	llution and	Safety (O	SHA De	eficienci	es):							
a. Air pollution									0			
b. Water Pollution									0			
c Occupational	Safety an	d Haalth				0						
	Salety all								0			
d. Other Enviror	nmental								0			

1. COMPONENT		FY 2007 MILITARY CONSTRUCTION PROJECT DATA 2. DATE									
AIR FORCE		(C	omp	uter ger	nerate	ed)					
3. INSTALLATIO	N AND L	OCATION			4. P	ROJECT TI	ГLE				
MACDILL AIR FO	RCE BAS	E, FLORIDA			CENT	COM JOINT	INTELLIGENC	E CEI	NTER,		
					PHAS	E II					
5. PROGRAM ELE	MENT	6. CATEGORY CO	DE	7. PRO	JECT	NUMBER	8. PROJECT COST (\$000)				
31322		610-284		NV	ZR063	713A	A	PPN:	23,300		
		9.	COS	T ESTI	MATES	<u> </u>					
							UNIT		COST		
ITEM					U/M	QUANTITY					
CENTCOM JOINT IN	TELLIGEN	CE CENTER, PHASE I	I						54,347		
JOINT INTELLIGE	NCE CENT	ER			SM	24,926	2,052		(51,148)		
ANTITERRORISM F	ORCE PRO	TECTION			SM	24,926	128		(3,199)		
SUPPORTING FACIL	ITIES								27,097		
CENTRAL UTILITY	PLANT				MB	36,768	269		(9,895)		
PARKING GARAGE					SP	450	11,133		(5,010)		
CE EQUIPMENT SH	IOP				SM	966	1,524		(1,472)		
WATER STORAGE 1	ANK				KG	850	1,571		(1,335)		
UTILITIES					LS			ĺ	(4,917)		
PAVEMENTS					LS			ĺ	(661)		
SITE IMPROVEMEN	ITS				LS				(1,070)		
DEMOLITION					SM	850	465		(395)		
COMMUNICATIONS					LM	500	682		(341)		
RELOCATION OF C	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)		
							1.1				

10. Description of Proposed Construction: Construct a new Sensitive Compartmented Information Facility (SCIF) Joint Intelligence Center CENTCOM (JICCENT) 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 JICCENT 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.

1. COMPONENT	FY 2007 MILITARY	CONSTRUCTION PROJECT	DATA	2. DATE						
AIR FORCE	(Comp	puter generated)		L						
3. INSTALLATION A	ND LOCATION	4. PROJECT TI	TLE							
MACDILL AIR FORCE	BASE, FLORIDA	CENTCOM JOINT PHASE II	INTELLIGENCE (CENTER,						
5. PROGRAM ELEMEN	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT CO	ST (\$000)						
31322	610-284	NVZR063713A	APPN	1: 23,300						
Air Conditioning:	894 Tons		200 516							
11. Requirement: 2	4926 SM Adequate: 0	SM Substandard: 93	329 SM							
PROJECT: Construct a new Sensitive Compartmented Information Facility (SCIF) Joint Intelligence Center CENTCOM (JICCENT) as part of the United States Central Command (USCENTCOM) headquarters complex. (Current Mission) REQUIREMENT: USCENTCOM's Area of Responsibility (AOR) stretches from Kenya and the Sevchelles to the south to Kazakhstan in the north and was recently expanded to include										
Syria and Lebanon.	The CENTCOM AOR is th	e geographic and ideol	logical heart c	of the Global						
War on Terror. A	war without borders, i	t spans all 27 countri	les in the Cent	ral Asian						
region of the worl	d. JICCENT's mission i	s to provide the USCEN	TCOM Commander	with the						
situational awaren	ess and long range ana	lysis needed to defeat	adversaries w	vithin the						
AOR, promote regio	nal stability, support	allies, and protect U	JS national int	erests, all						
aimed toward victo	ry in the Global War of	n Terror. To effectiv	vely carry out	this						
critical, wartime	mission, the JICCENT r	equires an adequately	sized, consoli	dated and						
errectively conrig	provide seats for 1 2	quate access and parks	lng. Administr	sonnel at						
any given time. A	dditional requirements	for administrative of	fice space bey	rond 1.273						
seats, during surg	e operations for examp	le, will be accommodat	ed via a combi	nation of						
shift operations w	ithin JICCENT and depl	oyment of personnel to	CENTCOM's per	manent						
forward headquarte	rs. JICCENT must also	include appropriate s	support areas s	such as						
administrative off	ices, reception areas,	file rooms, conference	ce rooms, brief	ing rooms,						
video teleconferen	cing rooms, technical	libraries, ADP server	and equipment	spaces, and						
administrative sto	rage areas. JICCENT p	ersonnel will communic	cate via numero	ous US and						
coalition classifi	ed and unclassified lo	cal area network syste	ems as well as	secure and						
nonsecure telephon	es. Intelligence comm	unications and telecom	munications ce	inters and						
all support function of oper	ations Intelligence	e lacificy to increase system server rooms at	associated f	inctions						
will be located on	an upper floor to pro	tect them from severe	storms (hurric	anes) and						
potential tidal su	rges. (cont in add'l)									
CURRENT SITUATION:	Joint Intelligence C	enter CENTCOM (JICCEN)	C) is presently	v housed in						
undersized, add-on	, temporary and dilapi	dated facilities that	have not grown	i in						
proportion to the	organization's steady	mission and manpower g	growth that fol	lowed the						
end of OPERATION D	ESERT STORM. When the	11 September 2001 att	acks on Americ	a led to the						
command's central	role in the Global War	on Terror, JICCENT ma	anpower rose sh	arply by						
roughly 800 person	nel, an increase of 13	3%. Facility space, h	nowever, did no	ot keep pace						
with these increas	es. JICCENT personnel	are now wedged into a	an average of 1	ess than 50.						
square feet per pe	rson, well below all m	ilitary standards for	adequate works	pace.						
Overpopulation of	buildings and work are	as has rendered fire s	suppression, II	.re exits,						
surprisingly, docu	mentation maintained h	w the MacDill AFB Biog	nvironmental R	ngineering						
Office highlights	numerous valid complai	nts from the CENTCOM v	work force. JI	CCENT						
personnel are curr	ently housed in six bu	ildings, seven trailer	rs and eight st	orage						
locations. Many o	f these facilities are	located on an active	flight line ho	sting the						
6th Air Mobility W	ing's KC-135 operation	s. Force protection m	measures at the	se locations						
are far from meeti	ng DOD standards with	uncontrolled vehicle p	parking occurri	.ng within						
inches of most bui	ldings including those	housing vital informa	ation technolog	jies						

1. COMPONENT		FY 2007 MILITARY CONSTRUCTION PROJECT DATA								
AIR FORCE		(computer generated)								
3. INSTALLATIO	N AND L	OCATION	4. PROJECT TITLE							
MACDILL AIR FORCE BASE, FLORIDA				CENTCOM JOINT INTELLIGENCE CENTER, PHASE II						
5. PROGRAM ELE	EMENT	6. CATEGORY CODE	7. PRO	JECT NUMBER	8. PROJECT CO	ST (\$000)				
31322		610-284	NV	ZR063713A	APPI	1: 23,300				

essential to JICCENT operations. Over half of assigned JICCENT 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 JICCENT 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.

IMPACT IF NOT PROVIDED: Severe facility shortfalls will continue to adversely impact JICCENT'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, JICCENT'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.

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.

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.

JOINT USE CERTIFICATION: The facility is programmed for joint use with the United States Army, Navy, Air Force, and Marines.

	AUTHORIZATION AND APPROVED BY	AUTHORIZATION AND APPROPRIATION SUMMARY APPROVED BY								
	CONGRESS	REQUESTED								
	FY 2006	FY 2007								
	_	_								
AUTHORIZATION OF TH	E \$96.0M	\$0								
PROJECT										
AUTHORIZATION FOR	\$67.OM	\$23.3M								
APPROPRIATION										
APPROPRIATION	\$67.0M	\$23.3M								

Previous editions are obsolete.

1. COMPONENT		FY 2007 MILITAR	RY CONS	TRUC	TION PROJECT	DATA	2.	DATE		
AIR FORCE		(con	mputer	gene	rated)					
3. INSTALLATIO	ON AND LO	CATION			4. PROJECT	TITLE				
MACDILL AIR FO	ORCE BASE	, FLORIDA			CENTCOM JOI PHASE II	NT INTELLIGENC	E CE	NTER,		
5. PROGRAM EL	EMENT	6. CATEGORY CO	DDE 7.	PRO	JECT NUMBER	8. PROJECT CO	ST (\$000)		
31322		610-284		NVZ	R063713A	API	PN:	23,300		
12. SUPPLEMEN	TAL DATA:									
a. Estimate	d Design	Data:								
(1) Statu	s:									
(a) Da	te Desigr	Started				01		1-04		
(b) Pa	rametric	Cost Estimates	used to	o dev	elop costs			YES		
* (c) Pe	ercent Con	plete as of 01	JAN 2	006				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) Wh	ere Desig	n Was Most Rece	ently U	sed -						
(3) Total	Cost (c)	= (a) + (b) or	(d) +	(e):			(\$(000)		
(a) Pr	oduction	of Plans and Sp	ecific	ation	s		1,	,200		
(b) Al	l Other I	esign Costs					-	600		
(c) To	tal	-					1,	,800		
(d) Co	ntract						1,	,600		
(e) In	-house							200		
(4) Const:	ruction C	ontract Award					07	JAN		
(5) Const	ruction S	tart					07	FEB		
(6) Const	ruction C	ompletion					09	FEB		
* Indicat which i cost an	es comple s compara d executa	tion of Project ble to traditio bility.	Defin: Dal 35	ition % des	with Parame ign to ensur	etric Cost Esti e valid scope,	mate	2		
b. Equipmen	t associa	ted with this p	project	prov	ided from ot	her appropriat	ions	:		
EQUIPMENT	nomencla	ATURE	PROC APPRO	URIN	FISC G APPRO ION OR RI	AL YEAR DPRIATED EQUESTED		COST (\$000)		
C4I SYSTE	EMS		:	3080		2008	1	2,000		
SYSTEMS F	TIRNITIRE	WORKSTATIONS	-	3400		2008	1	0.000		
SYSTEMS FURNITURE/WORKSTATIONS 3400 2008 10,000										

1. COMPONENT		FY 2007 MILITARY CONSTRUCTION PROJECT DATA 2. DATE									
AIR FORCE		(compu	iter ger	nerate	ed)						
3. INSTALLATIC	N AND L	OCATION		4. P	ROJECT TI	TLE					
MACDILL AIR FO	RCE BAS	E, FLORIDA		ADD TO USCENTCOM HQ							
5. PROGRAM ELE	MENT	6. CATEGORY CODE	7. PRO	JECT	NUMBER	8. PROJECT C	OST (\$000)				
41896		610-284	NV	NVZR053714			60,000				
		9. COS	r estii	IATES							
						UNIT	COST				
		ITEM		U/M	QUANTITY	·					
ADD TO USCENTCOM	Ц						45,902				
HEADQUARTERS AL	DITION			SM	13,119	2,184	(28,653)				
CENTRAL UTILITY	PLANT			LS			(2,900)				
ANTITERRORISM F	ORCE PRO	TECTION		SM	13,119	99	(1,304)				
INTERIOR COMMUN	ICATIONS	INFRASTRUCTURE		LS			(13,045)				
SUPPORTING FACIL	ITIES						8,126				
UTILITIES				LS			(603)				
PAVEMENTS				LS			(289)				
SITE IMPROVEMEN	ITS			LS			(1,000)				
COMMUNICATIONS				LS			(1,300)				
ENVIRONMENTAL				LS			(934)				
EMERGENCY POWER	٤			LS			(1,200)				
RELOCATION OF 1	TEMP FACI	LITIES		LS			(1,000)				
ENTRY CONTROL F	ACILITY			SM	279	2,867	(800)				
FENCING, GATES	& BARRIC	ADES		LS			(1,000)				
SUBTOTAL							54,028				
CONTINGENCY	(5.0%)					2,701				
TOTAL CONTRACT C	OST					56,729					
SUPERVISION, INS	PECTION	AND OVERHEAD				3,234					
TOTAL REQUEST						59,963					
TOTAL REQUEST (R	OUNDED)					60,000					
EQUIPMENT FROM O	THER APP	ROPRIATIONS (NON-ADD)					(41,000.0)				
10. Descriptio	on of Pr	coposed Construction	. Mult	i-sto	rv, rein	forced concret	te 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	:	FY 2007 MILITARY	CONSTRU	JCTION PROJECT	DATA	2. DATE			
	AIR FORCE		(compu	iter gei	nerated)					
	3. INSTALLATION	AND LOCA	ATION		4. PROJECT TI	TLE				
	MACDILL AIR FOR	CE BASE,	FLORIDA		ADD TO USCENI	COM HQ				
Ì	5. PROGRAM ELEM	IENT 6	. CATEGORY CODE	7. PRO	JECT NUMBER	8. PROJECT CO	3T (\$000)			
	41896		610-284	N	ZR053714	60,0	00			
	office space is	needed fo	or approximately	2,400 1	ersonnel with	rapid expansio	m capability			
	to integrate res	serve aug	mentation and oth	er inte	gral members	into the headqu	arters.			
	Communications a	and teleco	ommunication cent	ers and	l all support	functions (stor	age,			
	automated data p	processing	g, electronics/co	mmunica	tions mainten	ance, and train	ing areas)			
	ust be in the same facility to increase productivity and efficiency of operations.									
	This critical C3	3I link m	ust be physically	r and el	ectronically	(information an	d			
	communications)	protecte	d from potential	terrori	st actions.	Storage and nor	L—			
	administrative f	iunctions	must be located	on the	second floor	to protect them	1 from severe			
	storms (hurrican	ues) and	tidal surges. Ad	lditiona	ally, the faci	lity shall prov	ride a			
	freight elevator	: with ac	cess to a loading	dock a	and adequate p	arking.				
	CURRENT SITUATIO	DN: Prio	r to 9-11, HQ USC	ENTCOM	had severe fa	cility shortfal	ls that			
	impacted the fur	nction and	d efficiency of t	heir co	mmand and con	trol functions.	The main			
	building, constr	ructed in	1982, has had 3	additio	ons. The last	was completed i	.n 1991.			
	These additions	have not	kept pace with m	ission	expansion and	CENTCOM has be	en forced to			
	locate their joi	Int intel	ligence center an	nd an ad	ditional 360	personnel in 5	facilities			
	on the flight li	ne and 1	0 trailers. Over	1,650 p	personnel work	ed in this coll	ection of			
	buildings, which	1 are only	y adequately size	ed to fo	or 1,200 perso	nnel. Since 9-1	.1, CENTCOM			
	has over 2,300 p	people wo	rking in these ex	isting	facilities, p	lus an addition	al 800+			
	members operatin	ig in tra	ilers functioning	as SCI	IFs, Operation	s Centers, and				
	administrative s	space. Th	is arrangement ma	kes int	egration of t	he command and	control			
	effort extremely	/ COMPIIC	ated and daily st	arring	operations na	ve decome almos	t			
	unworkable. In	the main	t that the WAC o	vratom i	a no longor o	footive and we	rking			
	cooling load to	frequently	u unbearable Thi	g addit	ional load is	overstressing	the			
	equipment result	ing in e	y unbearable. Int	nce. at	d causing sys	tem failures. 7	'hese HVAC			
	system problems	in turn.	can cause comput	er and	communication	s system failur	res due to			
	overheating. Fur	ther. th	e majority of thi	s build	ling has never	been renovated	. Common			
	areas have deter	ciorated	from years of hea	vv use.	Ceiling tile	s are discolore	d. lighting			
	fixtures are ine	fficient	, carpet is worn.	restro	oom fixtures a	re outdated, an	d the			
	arrangement of i	interior ·	walls does not su	ipport t	he current or	ganizational st	ructure.			
	TMPACT IF NOT PR	NOVIDED:	Severe facility	shortf	alls will cont	inue to adverse	lv impact			
	United States Ce	entral Co	mmand's ability t	co carry	y out its real	time command a	and control			
	responsibilities	s in dire	cting the war on	terror	ism. Critical	C3I links suppo	orting			
	CENTCOM efforts	could fa	il in the event c	of power	or HVAC syst	em failures cau	used by the			
	existing overloa	ad on the	se systems. CENTC	COM stai	f officers wi	11 be forced to	continue to			
	work in cramped,	, hot, of	fice spaces that	will in	mpact their pr	oductivity and	attention to			
	the task.		-			-				
	ADDITIONAL: Thi	is projec	t meets the crite	eria/sco	ope specified	in Air Force Ha	andbook 32-			
	1084, Facility F	Requireme	nts. An analysis	s of opt	ions for acco	mplishing this	project			
	(status quo, alt	- teration,	and new construc	tion) v	was accomplish	ed. It indicat	ed an			
	addition and alt	teration	was the most ecor	nomic op	ption to meet	operational req	quirements.			
	There is a compa	anion alt	eration project i	n the I	7Y08 program t	o renovate the	existing			
	CENTCOM HQ facil	CENTCOM HQ facility (ALTER USCENTCOM HQ). Base Civil Engineer: Lt Col John C. Prater,								
	(813) 828-3577.	(ADD TO	USCENTCOM HQ: 1	3,119 \$	SM = 141,212 S	F)				
	JOINT USE CERTIN	FICATION:	The facility is	program	mmed for joint	use with the W	Jnited States			
	Army, Navy, Air	Force, a	nd Marines.		J =					

1. COMPONENT	FY 200'	7 MILITARY C	ONSTRUCT	ION PROJECT	DATA	2. DATE			
AIR FORCE		(compute	er gener	ated)					
3. INSTALLATIO	ON AND LOCATION			4. PROJECT 1	ITLE				
MACDILL AIR F	DRCE BASE, FLORI	DA		ADD TO USCEN	итсом но				
5. PROGRAM EL	EMENT 6. CA	FEGORY CODE	7. PROJ	ECT NUMBER	8. PROJECT CO	ST (\$000)			
41896	6	10-284	NVZ	R053714	60,	000			
12. SUPPLEMEN	TAL DATA:								
a. Estimate	d Design Data:								
(1) Statu	s:								
(a) Da	te Design Starte	ed			15	-MAR-05			
(b) Pa	rametric Cost Es	stimates used	l to dev	elop costs		YES			
* (c) Pe	rcent Complete a	s of 01 JAN	2006			15%			
* (d) Da	te 35% Designed				30	-JUN-06			
(e) Da	te Design Comple	ete			30	-NOV-06			
(f) En	ergy Study/Life-	Cycle analys	sis was/	will be perf	ormed	YES			
(2) Basis	•								
(1) St	andard or Defini	tive Design	_			NO			
(b) Wh	ere Design Was M	lost Recently	v Used -						
(2)	a . () ()					(*****			
(3) Total	Cost (c) = (a)	+ (b) or (d)	+ (e):	_		(\$000)			
(a) Pr (b) N	Oduction of Plan	is and specii	lcation	5		3,600			
(D) A1	i Other Design (+al	OSTS				1,800 5,400			
(d) Co	ntract					4-800			
(e) In	-house					600			
(4) Const	ruction Contract	Award				07 JAN			
(5) Const	ruction Start					07 MAR			
(6) Const	ruction Completi	on				10 APR			
* Indicat	es completion of	Project Def	inition	with Paramet	tric Cost Esti	mate			
which i	s comparable to	traditional	35% des:	ign to ensure	e valid scope,				
Cost an	d executability.								
b. Equipmen	t associated wit	h this proje	ect prov:	ided from otl	ner appropriat	ions:			
EQUIPMEN	NOMENCLATURE	P	ROCURING	FISCA APPRO ION OR RE	AL YEAR PRIATED QUESTED	COST (\$000)			
GVGTEMG I		ATTONS	3400	-	~	7 000			
GAT DEC	DEMENT	TT TOTAD	2000	-	2008	24 000			
C41 PROCU	JKEMENT		3080	2	2008	34,000			

1. COMPONENT		FY 2007 MILITARY CONSTRUCTION PROJECT DATA 2. DATE								
AIR FORCE		(2011)	iter gen	erace	=0)					
3. INSTALLATIC	N AND L	OCATION		4. P	ROJECT TI	TLE				
MACDILL AIR FO	RCE BAS	E, FLORIDA		DORM	ITORY (96	RM)				
5. PROGRAM ELE	MENT	6. CATEGORY CODE	7. PROC	JECT 1	NUMBER	8. PROJECT (COST (\$000)			
41896		721-312	NV	ZR053	711	11,000				
		9. COS	r estin	IATES						
						UNIT	COST			
		ITEM		U/M	QUANTITY					
DORMITORY (96 RM	:)						7,356			
DORMITORY				SM	3,168	2,300	(7,286)			
ANTITERRORISM/F	ORCE PRO	TECTION MEASURES		SM	3,168	22	(70)			
SUPPORTING FACIL	ITIES						2.513			
				T.C			(498)			
DAVEMENTS				T.C			(490)			
STTE INDONVENEN	me						(344)			
COMMUNICATIONS	15			T.G			(410)			
DEMOLITION				d M	4 718	121	(110)			
DEMODITION				SM	4,710	121	(5/1)			
SUBIUIAL	(=	、					9,009			
CONTINGENCY	(5.0%)					493			
TOTAL CONTRACT C	OST						10,362			
SUPERVISION, INS	PECTION	AND OVERHEAD	(5.7%)				591			
TOTAL REQUEST							10,953			
TOTAL REQUEST (R	OUNDED)						11,000			
EQUIPMENT FROM O	THER APP	ROPRIATIONS (NON-ADD)					(2,122.0)			
10. Descriptio	on of Pr	oposed Construction	: Thre	e-sto	ry facili	ity with rein	forced			
concrete founda	ation, f	loor slabs, steel f	rame, c	oncre	te masoni	ry unit exter	ior walls and			
standing seam i	netal ro	communications and	s room-	patn/ recui	red suppo	room modules,	laundries,			
comply with Dol	o antite	errorism/force prote	ction r	eguir	rements pe	er unified fa	cilities			
criteria. Demo	lishes	two substandard dor	mitorie	s (bu	ildings 2	251 and 254 w	ith 68 rooms			
each totalling	4,718 s	5M).								
Air Conditionin	ng: 12	8 Tons Grade Mix: H	C1-E4	96						
11. Requirement	: 408 R	M Adequate: 0 RM	I Sub	stand	lard: 408	RM				
PROJECT: Const	truct a	96 person dormitory	. (Cur	rent	Mission)					
REQUIREMENT: 2	A major	Air Force objective	is to	provi	de unacco	mpanied enli	sted personnel			
with housing co	onducive	to their proper re	st, rel	axati	on and pe	ersonal well-	being.			
Properly design	ned and	furnished quarters	providi	ng so	me degree	e of individu	al privacy are			
essential to th	ne succe	ssful accomplishmen	t of th	e inc	reasingly	/ complicated	and important			
Jobs these peop	pie must ur readi	perform. The rete	ntinuin	I THE	se nignij d-wide r	resence	men 1s			
CIIDDENIT STTUAT		e bage bag a requir	oment f	ar 40	19 dormit	prepence.	a gurrent			
inventory of 4	$10N_{\odot}$ 11	ever, the existing	6 dorms	were	construc	ted in the 1	960's and			
would require a	signific	ant reconstruction.	Aggra	vated	l by locat	ion and the	required force			
protection set	-back ar	ea and the requirem	ent for	maxi	.mum blast	protection,	the 2003 AF			
Dorm Master Pla	an recom	mended they be cons	idered	for 1	replacemen	nt only.				
IMPACT IF NOT I	PROVIDEI	Adequate living	quarter	s whi	ich provid	de a level of	privacy			
required for to	oday's a	airmen will not be a	vailabl	e, re	sulting :	in degradatic	n of morale,			

1. COMPON	ENT	FY 2007 MILITARY	CONSTRUCT	TION PROJECT	DATA	2. DATE					
					-m						
S. INSIAL	LATION AND L	ICATION	1	DWITTODW (00							
MACDILL A	IR FORCE BAS	E, FLORIDA		JRMITORY (96	RM)	(# • • • • • •					
5. PROGRA	M ELEMENT	6. CATEGORY CODE	7. PROJE	CT NUMBER	8. PROJECT CO	ST (Ş000)					
41	.896	721-312	NVZF	2053711	11,0	000					
productivi	ty, and care	eer satisfaction for	r unaccom <u>p</u>	anied enlis	ted personnel.						
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 o	comparing al	ternatives of new co	onstructio	on, revitali	zation,	5.11					
addition/a	alteration, a	and status quo. Bas	sed on the	e present va d to be the	The and benefit	ts of the					
the life of	of the project	ct. FY2004 Unaccomp	panied Hou	ising RPM co	nducted: \$111K	. FY2005					
Unaccompar	nied Housing	RPM conducted: \$122	2K. Futur	re Unaccompa	nied housing R	PM					
requiremer Base Civil	nts (estimate Engineer:	ed): FY06 \$134K; FY Lt Col John C. Prat	Y07 \$148K; ter, (813)	; FY08 \$163K 828-3577	. (3,168 SM =	34,100 SF).					
JOINT USE	CERTIFICATI	ON: This facility is	s program	med for join	t use with the	Army, Navy					
and Marine	es; however,	it is fully funded	by the A:	ir Force.							

1. COMPONENT AIR FORCE		FY 2007 MILITARY C (comput	ONSTRUC	TION PROJECT	DATA	2. DATE		
3 TNSTALLATT		OCATION	-		ידיידיבי			
				PODMITODY (
MACDILL AIR F	URCE DAS.	E, FLORIDA	1	DORMITORY (S				
5. PROGRAM EL	EMENT	6. CATEGORY CODE	7. PRO	JECT NUMBER	8. PROJECT CO	ST (\$000)		
41896		721-312	NV	ZR053711	11,	000		
12. SUPPLEMEN	TAL DATA	:						
a. Estimate	d Design	Data:						
(1) Statu	s:							
(a) Da	te Desig	n Started			15	-SEP-05		
(b) Pa	rametric	Cost Estimates used	d to dev	velop costs		YES		
* (c) Pe	ercent Co	mplete as of 01 JAN	2006			15%		
* (d) Da	te 35% D	Designed			12	-MAY-06		
(e) Da	te Desig	n Complete			80	-SEP-06		
(I) En	ergy Stu	dy/Life-Cycle analy:	sis was/	will be peri	ormed	YES		
(2) Basis	:							
(a) St	andard c	or Definitive Design	-			NO		
(b) Wh	ere Desi	gn Was Most Recently	y Used -	•				
(3) Total	Cost (c	(a) = (a) + (b) or (d)) + (e):			(\$000)		
(a) Pr	oduction	of Plans and Speci	Eication	ıs		660		
(b) Al	l Other	Design Costs				330		
(c) To	tal					990		
(d) Co	ntract					880		
(e) In	-house					110		
(4) Const	ruction	Contract Award				07 FEB		
(5) Const	ruction	Start				07 MAR		
(6) Const	ruction	Completion				NUL 80		
* Indicat which i cost an	es compl s compar d execut	etion of Project Def able to traditional ability.	inition 35% des	with Parame ign to ensure	tric Cost Esti e valid scope,	mate		
b. Equipmen	t associ	ated with this proje	ect prov	ided from ot	her appropriat	ions:		
				FISC	AL YEAR			
EQUIPMEN	r nomenci	F LATURE API	ROCURIN	G APPRO	PRIATED QUESTED	COST (\$000)		
A6 COMM			3080	2	2008	50		
USER COM	1		3080	2	2008	72		
FURNISHI	NGS		3080	2	2008	2,000		
	FUNITERTINGS 2000 2008 2,000							

1. COMPONENT		FY 200	7 MILI	TARY (CONST	RUCTIO	N PROG	GRAM	2. DATE	
3. INSTALLATION A	AND LOC	ATION		4. COI	MMAND):		5. AREA	A CONST	
	JE BASE			AIR EDUCATION AND COS					NDEX	
FLORIDA			-	TRAIN	ING CO	MMAND)	0.82	-	
6. Personnel	PE	RMANENT	<u> </u>	S	TUDEN	rs on (SU	PPORTE	D On (
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 DAT	FA (\$000)									
a. Total Acreage:	29,294	• • • •								
b. Inventory Total as	s of : (30	Sep 05)								1,272,696
c. Authorization Not Yet in Inventory:										42,370
 Authorization Req 	juested in	this Progra	am:		(FY 200	07)				1,800
e. Authorization Included in the Following Program: (FY 2008)										
 Planned in Next T 	hree Yea	rs Program	ו:							3,300
g. Remaining Deficie	ency:								-	45,250
h. Grand Total:										1,391,044
PROJECTS REQ	UESTED	IN THIS P	ROGR	AM:			(FY 200	7)		
CATEGORY								COST	DESIGN	STATUS
CODE	PROJEC	<u>T TITLE</u>				SCOPE		\$,000	<u>START</u>	CMPL
171-211	F-22A W	eapons Ta	ctical T	rainer A	Add	750	SM	1,800	May-05	Sep-06
						Total		1,800		
9a. Future Projects:	Included	in the Foll	owing I	Program	n:	(FY)	2008)			
, 740-674	Fitness C	Center	Ũ	Ũ		6.368	SM	15,000		
111-111	Repair A	rfield Phas	se 1			65,030	SM	10,628		
	•					Total		25.628		
								_0,0_0		
9b. Future Proiects:	Typical F	lanned Ne	ext Thre	e Year	s:					
851-152	Highway	98 Overpa	ISS			1.062	LM	3.300		
	5 .,					Total		3.300		
9c Real Property M	aintenanc	e Backlog	This In	stallatio	on (\$M)			0,000		77
10 Mission or Major	· Function	s [.] A fighter	trainin		with thr	Pe F-15	squadro	ns respor	sible for t	raining all
F-15 aircrews: Air Co	mbat Cor	nmand's H	Innheal	arters F	irst Δir I	Force a	weanon	s evaluat	ion aroun	and
Southeast Air Defense	se Sector	and the A	ir Force	≏ Civil F	naineei	ing Sup	ort Ane	ncv	ion group,	ana
11 Outstanding poll	ution and	Sofoty (OS			ioo:	ing oup	Sont Age	noy.		
Air pollution	ulion anu	Salety (O		encient	162.			0		
a. All pollution								0		
h Water Dellutio	~							0		
b. water Pollutio	11							0		
	Cofoticat							~		
c. Occupational	Salety an	u Health						0		
d Other Franking								~		
a. Other Environ	mental							0		

1. COMPONENT		FY 2007 MILITARY	CONSTRU	JCTIO	N PROJECT	DATA	2. DATE		
AIR FORCE		(compu	uter ger	enerated)					
3. INSTALLATIO	N AND L	OCATION		4. PROJECT TITLE					
TYNDALL AIR FO	RCE BAS	E, FLORIDA		F-22A WEAPONS/TACTICAL TRAINERS					
		Ι		ADDI	TION	Γ			
5. PROGRAM ELE	EMENT	6. CATEGORY CODE	7. PRO	JECT	NUMBER	8. PROJECT	COST (\$000)		
27138		171-212	XI	WU053	3002	1	,800		
		9. COS	T ESTII	MATES	1				
		ITEM		U/M	QUANTITY	UNIT	COST		
F22-A WEAPONS/TA	CTICAL T	RAINERS ADDITION					1,457		
WEAPONS TRAINER	RS/ACADEM	ICS ADDITION		SM	750	1,929	(1,447)		
ANTITERRORISM F	ORCE PRO	TECTION		SM	750	13	(10)		
SUPPORTING FACIL	ITIES						164		
UTILITIES				LS			(43)		
PAVEMENTS				LS			(110)		
SITE IMPROVEMEN	TS			LS			(11)		
SUBTOTAL							1,621		
CONTINGENCY	(5.0%)					81		
TOTAL CONTRACT C	OST						1,702		
SUPERVISION, INS	PECTION	AND OVERHEAD	(5.7%)				97		
TOTAL REQUEST							1,799		
TOTAL REQUEST (R	OUNDED)						1,800		
weapons and tac walls, standing environmental of project will co facilities crit	ctical t g seam n controls omply witteria.	crainers with specia metal roof, addition s, communication net th DoD antiterroris	al reinf nal secu tworking sm/force	iorced irity and prot	and shiel and shiel all neces	ions, split-1 lding provisi ssary support equirements p	iaced block ions, . This per unified		
11. Requirement	: 5067	SM Adequate: 431	7 SM	Subs	standard:	0 SM			
PROJECT: F-22	A Weapor	s/Tactical Trainers	s Additi	ion (1	New Missi	on)			
REQUIREMENT:	Adequate	ly sized. configure	d and s	ecure	operatio	ons facility	providing		
Weapons and Tac	ctical 1	Trainers (WTTs) and	academi	.c fli	ight train	ning areas is	s required to		
support the nex	kt gener	ation F-22A fighter	r. This	pro	ject suppo	orts personne	and		
equipment arriv	val in I	Dec 07. Additional	aircraf	t are	schedul	ed for delive	ery in July 07.		
Delivery prep	paratior	is will complete sec	curity a		litation,	install data	automation		
F-22A, this fac	cility n	nust be shielded and	l have t	he ne	ecessarv a	security prov	visions.		
Antiterrorism i	Eorce pr	cotection measures w	vill com	uply v	vith minin	mum DoD Force	Protection		
Construction St	tandards	3							
CURRENT SITUAT	ION: Ar	n increase in flight	academ	nics t	raining a	space is requ	ired to		
provide secure	trainir	ng and mission brief	is for F	'-22A'	's at Tyno	dall AFB. Th	ne current F-		
mission or add	emic tra itional	aining facility is f	or Tynda	je end 11 AF	B. The	upport the cu initial FY20(1rrent training		
beddown site su	urvey re	port identified cor	nstructi	on of	an addi	tion to the e	existing		
facility as the	e prefer	red solution.							
IMPACT IF NOT I	PROVIDEI	: The F-22A fighte	er trair	ning s	squadron	cannot funct:	ion at Tyndall		
AFB without a p	properly	y shielded and secur	re facil	lity i	for neces	sary WTT and	academic		
training. With	nout thi	is space, F-22A pilo	ot quali	IIICat	tion train	ning cannot l	be conducted		
DD FORM 1391, I	DEC 99	Previous ed	litions	are c	bsolete.		Page No.		

1. COMPONENT	FY 2007 MILITARY CONSTRUCTION PROJECT DATA							2. DATE		
AIR FORCE		(computer generated)								
3. INSTALLATION	N AND LOC	AND LOCATION 4. PROJECT TITLE								
TYNDALL AIR FO	RCE BASE, FLORIDA F-22A WEAPONS/TACTICAL TRAI ADDITION							NERS		
5. PROGRAM ELE	MENT (6. CATEG	ORY CO	DDE	8. PROJECT CO	ST (\$000)				
27138		171-	-212		XLWU053002 1,800					

here, and F-22A pilot training will be delayed. 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 Adddition: 750 SM = 8,000 SF. JOINT USE CERTIFICATION: Mission requirements, operational considerations, and location are incompatible with use by other components.

1. COMPONENT		FY 2007 MILITARY CONSTRUCTION PROJECT DATA 2. DATE								
AIR FORCE		(compute	er gene	rated)						
3. INSTALLATIO	ON AND LO	OCATION		4. PROJECT 1	TITLE					
TYNDALL AIR FO	ORCE BAS	E, FLORIDA		F-22A WEAPON	S/TACTICAL TR	AINERS				
				ADDITION						
5. PROGRAM EL	EMENT	6. CATEGORY CODE	7. PRO	JECT NUMBER	8. PROJECT CO	ST (\$000)				
27138		171-212	XL	WU053002	1,	800				
12. SUPPLEMEN	TAL DATA	:								
a. Estimate	d Design	Data:								
(1) Statu	s:									
(a) Da	(a) Date Design Started 15-MAY-05									
(b) Pa	rametric	Cost Estimates used	d to dev	velop costs		YES				
* (c) Pe	ercent Co	mplete as of 01 JAN	2006			15%				
* (d) Da	te 35% I	esigned			01	-SEP-05				
(e) Da	te Desig	n Complete			03	-SEP-06				
(f) En	ergy Stu	dy/Life-Cycle analys	sis was/	will be perfo	ormed	YES				
(2) Basis	:									
(a) St	andard c	or Definitive Design	-			NO				
(b) Wh	ere Desi	gn Was Most Recently	7 Used -	-						
(3) Total	Cost (c) = (a) + (b) or (d)	+ (e):			(\$000)				
(a) Pr	oduction	of Plans and Specif	Eicatior	ıs		93				
(b) Al	l Other	Design Costs				46				
(c) To	tal					139				
(d) Co	ntract					123				
(e) In	-house					16				
(4) Const	(4) Construction Contract Award 07 JAN									
(5) Const	ruction	Start				07 MAR				
(6) Const	ruction	Completion				08 MAR				
* Indicat	es compl	etion of Project Def	inition	with Paramet	tric Cost Esti	mate				
which i	which is comparable to traditional 35% design to ensure valid scope,									
cost an	d execut	ability.								

b. Equipment associated with this project provided from other appropriations: $N/{\rm A}$

				-						
1. COMPONENT			FY 200		ARY CONSTRUCT	ION PRO	GRAM		2. DATE	
3. INSTALLATION A	AND LOC	ATION		4. COI	MMAND:			5. AREA	A CONST	
ROBINS AIR FORCE	EBASE			AIR FC	RCE MATERIEL			COST IN	NDEX	
GEORGIA				COMM	AND:	-		0.84		
6. Personnel	PE	RMANEN	Г	S	TUDENTS		SU	IPPORTE	D	
Strength	OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV	TOTAL
AS OF 30 SEP 05	960	3226	2740	450	2909)	78	1680	84	12,127
END FY 2010	847	2763	2739	439	2819		78	1680	84	11,449
7. INVENTORY DA	ГА (\$000)									
Total Acreage:		8,722								
Inventory Total as of	: (30 Sep	o 05)								1,905,428
Authorization Not Ye	t in Inven	tory:								82,126
Authorization Reques	sted in thi	s Program	n:							38,600
Authorization Include	ed in the F	Following F	Program	า:	(FY 2008)					25,000
Planned in Next Thre	e Years I	Program:								107,700
Remaining Deficienc	y:									298,994
Grand Total:										2,457,848
8. PROJECTS REQ	UESTED	IN THIS F	ROGR	AM:			(FY 200)7)		
CATEGORY								COST	DESIGN	STATUS
CODE	PROJEC	T TITLE				SCOPE		\$,000	START	CMPL
211-116	Depot Ma	aintenance	e Suppo	ort Hang	ar	4,173	SM	8,600	Design B	uild
211-152	Advance	d Metal Fi	nishing	Facility		11,613	SM	30,000	Design B	uild
						Total		38,600		
9a. Future Projects:	Included	in the Fol	lowing	Program	n: (FY2008	3)				
	DMRT- L	arge Aircr	aft Han	gar,						
211-111	Phase 1	-		-		12,540	SM	25,000	Design B	uild
						Total		25,000	•	
9b. Future Projects:	Typical F	Planned Ne	ext Thr	ee Year	S:					
610-675	Renovate	e/Upgrade	Buildir	ng 300, F	Phase I	14,865	SM	20,000		
217-742	54th Con	nbat Comr	nunicat	tions Sq	uadron Operations	2,700	SM	\$8,400		
211-159	DMRT- C	Corrosion (Control	Facility	·	10.314	SM	30.000		
218-712	Ground S	Support Ec	uipmei	nt Maint	enance Facility	4.924	SM	10.200		
610-675	Consolid	ate Logisti	cs Fac	ility Dep	ot Operations	6.505	SM	13.600		
831-145	Upgrade	Domestic/	/Industr	ial Sewa	ade	1	LS	4.000		
141-764	Software	Support F	acility			7.432	SM	21,500		
	001110.0	o apport.	aoniy			.,	•		•	
						Total		107,700		
9c. Real Properv Ma	aintenance	e Backlog	This In	stallatio	า			,		95
10 Mission or Major	Eunction	s: Warner	Robins	Airloc	istics Center which i	s respon	sible for	logistics	manadem	ent support
and depot-level main	itenance (of systems	includi	na F-15	C-130 C-5 C-141	and LI-2	aircraft	heliconte	ers missile	es and
remotely piloted vehi	cles: an a	ir hase wi	na: an a	air contr	ol wing: HO Air Forc	e Reserv	e Comm	and an l	Air Mobility	v Command
air refueling group wi	ith KC-13	5 aircraft: :	an ΔCC	comba	t communications or	oun a sr	ecial on	erations f	flight with	FC-137D
aircraft: an Air Nation	al Guard	homh win	a with F	R_1R air	craft: and an Air For	oup, a sp recruiti	ina arou	n	ingin with	
			g with L		cial, and an Air i or		ing grou	ρ.		
11 Outstanding poll	ution and	Safety (O		oficionci	ec).					
a Air pollution	auon anu	Salety (U						0		
								0		
h Water Pollution							0			
b. Water Pollution							0			
c. Occupational Safety and Health							0			
c. Occupational Safety and Health							U			
d Other Environmental							0			
	nentai							0		
1										

1. COMPONENT		FY 2007 MILITARY	CONSTRU	CTIO	N PROJECT	DATA	2. DATE		
AIR FORCE		(compu	iter gen	erate	ed)				
3. INSTALLATIO	N AND L	OCATION		4. PROJECT TITLE					
ROBINS AIR FOR	RCE BASE	, GEORGIA		DEPO	T MAINTEN	ANCE SUPPORT	HANGAR		
5. PROGRAM ELE	MENT	6. CATEGORY CODE	7. PROC	JECT 1	NUMBER	8. PROJECT C	OST (\$000)		
72896		211-116	UH	HZ003	3007	8,	600		
		9. COS	r estin	ATES	1				
		ITEM		U/M	QUANTITY	UNIT	COST		
DEPOT MAINTENANC	E SUPPOR	T HANGAR					6,381		
MEDIUM BAY HANG	AR			SM	2,969	1,510	(4,483)		
SHOP AREA				SM	602	1,688	(1,016)		
ADMIN AREA				SM	602	1,465	(882)		
SUPPORTING FACIL	ITIES						1.370		
UTTLITTES				T.S			(282)		
DAVEMENTS				T.C			(800)		
STTE INDDOVEMEN	יזיפ			T.C			(188)		
COMMUNICATIONS	110			T.S			(100)		
CURTOTAL						-			
SOBIOIAL	(7,751		
CONTINGENCY	(5.0%)					-			
TOTAL CONTRACT C	:051						8,139		
SUPERVISION, INS	PECTION	AND OVERHEAD (5	.7%)			-	464		
TOTAL REQUEST							8,603		
TOTAL REQUEST (R	OUNDED)						8,600		
10. Descriptio	on of Pr	coposed Construction	1: Cons	truct	a single	e story mediu	a bay, 28		
steel frame and	ynt stru 1 magonr	cture with reinford	ea conc	rete	slab on p	piers and grad	le Deam,		
storage, canopy	v shop a	and NDI/X-Ray shop.	Provid	e uti	ilities, s	site work, ai	craft apron		
and pavement for	or parki	.ng.					-		
Air Conditionin	ng: 10	0 Tons							
11. Requirement	: 4173	SM Adequate: 672	27 SM	Subs	standard:	4111 SM			
PROJECT: Const	truct a	Depot Maintenance S	Support	Hanga	ar. (Curi	cent Mission)			
REQUIREMENT:	A Depot	Maintenance Support	: Hangar	isı	cequired t	consolidate	incoming		
aircraft suppor	rt opera	tions and improve t	he work	flov	v for the	F-15 Weapon	System, and be		
capable of prov	viding r	nose dock space for	two C-1	30 si	ized cargo	aircraft.	The facility		
will include ha	angar sp	ace for six F-15 ai	rcraft	and a	additional	l support spa	e for		
administration	, materi	al storage, canopy	shop, a	nd NI	DI/X-Ray s	shop.			
CURRENT SITUAT	ION: Th	ne existing F-15 fue	el pit,	stri	pping, X-1	Ray, Programm	ed Depot		
Maintenance (PI	DM), and	l Functional Test fa	acilitie	s are	e scattere	ed at the far	corners of		
the maintenance	e flight	line. The engine,	canopy	, NDI	I, and Eva	aluation & In	spection back		
shops that supp	port the	ese facilities are j	just as	scatt	cered. Be	etore the F-1	aircraft is		
stripped of al	l its al	ectronic gear and r	arts	The c	stripping	operation is	accomplished		
in building 149	9 and th	ne preparation work	is perf	ormed	l either o	on the ramp of	in buildings		
131/137 which a	are on t	the opposite side of	the pa	rking	y ramp fro	om building 1	19. Buildings		
131/137 are cu	rrently	used for C-130 pair	nt/depai	nt or	perations	and their use	€ for F-15		
preparation wor	preparation work creates a bottleneck in the ex					aintenance pro	ocess. F-15		
aircraft underg	going PI	DM are towed over 14	l miles	durir	ng the cu	rrent process	. The PDM		
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1. COMPONENT		FY 2007 MILITARY CONSTRUCTION PROJECT DATA 2. DATE							
AIR FORCE		(computer generated)							
3. INSTALLATIC	N AND L	AND LOCATION 4. PROJECT TITLE							
ROBINS AIR FOR	RCE BASE	, GEORGIA			DEPOT MAINTEN	ANCE SUPPORT H	ANGAR		
5. PROGRAM ELE	MENT	6. CATEG	EGORY CODE 7. PROJECT NUMBER 8. PROJECT COST (\$000)						
72896	96 211-116 UHHZ003007 8,600						00		

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 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.

<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.

<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.

1. COMPONENT		FY 2007 MILITARY CONSTRUCTION PROJECT DATA 2. DATE									
AIR FORCE		(computer generated)									
3. INSTALLATIO	ON AND LO	OCATION		4. PROJECT TIT	LE						
ROBINS AIR FOR	RCE BASE	, GEORGIA		DEPOT MAINTENA	NCE SUPPORT H	ANGAR					
5. PROGRAM EL	EMENT	6. CATEGORY CODE	7. PR	OJECT NUMBER	8. PROJECT CO	ST (\$000)					
72896	72896 211-116 UHHZ003007 8,600										
12. SUPPLEMEN	12. SUPPLEMENTAL DATA:										
(1) Engla	- to be	essemplished her des	Jama ha								
(I) Projec	CT TO DE	accomplished by des	ign-bi	uila procedures	5						
(2) Basis: (a) St (b) Wh	: andard c were Desi	or Definitive Design Ign Was Most Recently	- 7 Used	l -		NO					
(3) All Ot	ther Des	ign Costs				466					
(4) Consti	ruction (Contract Award				07 JAN					
(5) Consti	ruction	Start				07 MAR					
(6) Construction Completion 08 APR											
(7) Energy Study/Life-Cycle analysis was/will be performed NO											
b. Equipment associated with this project provided from other appropriations: N/A											

1. COMPONENT	FY 2007 MILITARY	CONSTRU	CTIO	I PROJECT	DATA	2. DATE	
AIR FORCE	(comp	uter ger	generated)				
3. INSTALLATION AND L	OCATION		4. P	ROJECT TI	TLE		
ROBINS AIR FORCE BASE	, GEORGIA		ADVA	NCED METAI	L FINISHING F	ACILITY	
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROC	JECT	NUMBER	8. PROJECT C	OST (\$000)	
72896	211-152	UH	HZ033	8011	30	,000	
	9. COS	T ESTIN	ÍATES				
	ТТЕМ			OUANTTTY	UNIT	COST	
			0,11	2010111111			
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 REMEDIATI	ION		LS			(1,550)	
SUBTOTAL						26,806	
CONTINGENCY (5.0%)						1,340	
TOTAL CONTRACT COST						28,146	
SUPERVISION, INSPECTION	AND OVERHEAD (5	5.7%)				1,604	
TOTAL REQUEST						29,751	
TOTAL REQUEST (ROUNDED)						30,000	
EQUIPMENT FROM OTHER APP	PROPRIATIONS (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

Page No.

1. COMPONENT		FY 2007 MILITARY CONSTRUCTION PROJECT DATA 2. DATE							
AIR FORCE		(computer generated)							
3. INSTALLATIO	AND LOCATION 4. PROJECT TITLE								
ROBINS AIR FOR	AIR FORCE BASE, GEORGIA ADVANCED METAL FINISHING FACILITY								
5. PROGRAM ELE	MENT	6. CATEGORY CODE	7. PRO	JECT NUMBER	8. PROJECT CO	ST (\$000)			
72896		211-152	UHHZ033011 30,000						

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.

<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.

<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.

<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.

1. COMPONENT AIR FORCE		FY 2007 MILITARY C	ONSTRU er gei	JCTION PROJECT	DATA	2. DATE
3. INSTALLATIO	DN AND L	OCATION		4 PROTECT TT	т.е	I
ROBINS AIR FO	RCE BASE	, GEORGIA		ADVANCED METAI	L FINISHING FA	CILITY
5. PROGRAM EL	EMENT	6. CATEGORY CODE	7. PI	OJECT NUMBER	8. PROJECT CO	ST (\$000)
72896		211-152	1	JHHZ033011	30,	000
12. SUPPLEMEN a. Estimate	TAL DATA d Design	a: Data:				
(1) Proje	ct to be	accomplished by des	ign-b	uild procedures	3	
(2) Basis	:					
(a) St (b) Wh	andard o here Desi	or Definitive Design ign Was Most Recently	- 7 Used	l –		NO
(3) All O	ther Des	ign Costs				1,500
(4) Const	ruction	Contract Award				07 JAN
(5) Const	ruction	Start				07 FEB
(6) Const	ruction	Completion				09 JUN
(7) Energ	y Study/	Life-Cycle analysis	was/w	ill be performe	ed	YES
h Equipmon	• • • • • • • • • •	stad with this produ	at	and from at	han annuanuiat	i ongo
D. Equipmen	L ASSOCI	aced with this proje	iet pr		ner appropriat	10115:
EOUIPMENT	NOMENCI	PROC	URING	FISCA APPRO APPRO OR RE	AL YEAR PRIATED OUESTED	COST (\$000)
PI.ATTNG F	COLLEDWEN		308	0 2	2007	25,000
		-	500	-		20,000

1. COMPONENT		FY 2	2007 M	ILITAR	Y CONS	STR	RUCTION	PROG	RAM	2. DATE		
AIR FORCE												
INSTALLATION AND	LOCATI	ON		COMM	IAND:				5. AREA	CONST		
HICKAM AIR FORCE	BASE			PACIF	IC AIR F	FOF	RCES		COST IND	COST INDEX		
HAWAII									1.69			
6. Personnel	PEI	RMANENT		S	TUDEN	ΤS		SL	JPPORTE)		
Strength	OFF	ENL	CIV	OFF	ENL		CIV	OFF	ENL	CIV	TOTAL	
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 DAT	A (\$000)											
Total Acreage:		3,002										
Inventory Total as of	: (30 Sep	04)									4,722,030	
Authorization Not Yet	t in Invent	ory:									61,370	
Authorization Reques	sted in this	s Program:									28,538	
Authorization Include	d in the F	ollowing P	rogram	i:	(FY 200	(8					22,000	
Planned in Next Thre	e Years F	Program:	C		,	,					132,620	
Remaining Deficiency	y:	U									247,100	
Grand Total:											5,213,658	
8. PROJECTS REQ	UESTED	IN THIS P	ROGR	AM:				(FY 200)7)			
CATEGORY								· ·	COST	DESIGN	STATUS	
CODE	PROJEC	T TITLE					SCOPE		\$,000	START	CMPL	
211-179	C-17 FUE	EL CELL N	OSE D	OCK		-	2,850	SM	25,000	May-05	Sep-06	
851-147	C-17 RO	AD RESTO	DRATIC	ΟN			23,454	SM	3,538	Apr-05	Sep-06	
							Total		28,538	- '		
9a. Future Proiects:	Included	in the Follo	owina F	Progran	า:		(FY200	8)	,			
742-674	ADAL FI	INESS CE	NTER	- 3			7.255	SM	22.000			
-							Total	-	22,000	-		
9b. Future Projects:	Typical F	lanned Ne	xt Thre	e Year	S:							
812-225	UPGR EI	EC DIST	SYSTE	M, PH	4		1	LS	8,000			
730-441	BASE ED	UCATION	CENT	ER			3,733	SM	9,200			
211-157	C-17 MA	INT TRAIN	ING D	EVICE	FAC		2,630	SM	13,200			
179-475	HAWAII	JOINT REG	GIONA		I RANG	E١	2,572	SM	7,700			
116-116	C-17 SH	ORT AUST	ERE A	IRFIEL	D		80,044	SM	20,000			
731-142	MAIN AN	D SATELL	ITE FI	RE/CR	ASH RE	SC	4,415	SM	21,800			
740-675	ADAL BA	SE LIBRA	RY				1,933	SM	8,600			
141-181	HOMELA	ND DEFE	NSE F	IGHTE	R ALER	۲ŀ	3,480	SM	21,000			
113-321	RPR AIR	FIELD PA		NT, PH	ASE 3		125,354	SM	23,120			
							Total		132,620			
9c. Real Property Ma	aintenanc	e Backlog	This In	stallatio	on (\$M)						266	
10. Mission or Major	Function	s: A host a	ir base	wing s	upportin	g C	C-135B/C	aircraft	and hostin	g Headqu	arters,	
Pacific Air Forces. T	he installa	ation also h	losts ai	n Air Na	ational G	iua	rd wing c	onsistin	g of an F-1	5A/B squa	adron, a KC-	
135 air refueling squa	adron, and	d a C-130⊦	l airlift	squadro	on. Oth	er	major act	tivities ir	nclude an A	ir Intellige	nce Agency	
intelligence group an	d an Air N	lobility Sup	port gi	roup.						-		
11 Outstanding poll	ution and	Safety (09		eficienc	es.							
a Air pollution				0 1010110								
				Ũ								
b Water Pollutio	n			0								
				0								
c. Occupational S	Safety and	d Health		0								
	carety and			5								
d. Other Environ	mental			0								
				-								

1. COMPONENT	NT FY 2007 MILITARY CONSTRUCTION PROJECT DATA 2. DATE								
AIR FORCE		(comp	uter ger	nerate	ed)				
3. INSTALLATIO	N AND L	OCATION		4. P	ROJECT TI	TLE			
HICKAM AIR FOR	RCE BASE	, HAWAII		C-17	FUEL CELI	L NOSE DOCK			
5. PROGRAM ELE	MENT	6. CATEGORY CODE	7. PRO	JECT	NUMBER	8. PROJECT	COST (\$000)		
41130		211-179	KN	MD043	008A	25	,000		
		9. COS	T ESTI	MATES					
ITEM U/M QUANTITY COST									
C-17 FUEL CELL N	OSE DOCK						14,226		
FUEL CELL NOSE	DOCK			SM	2,250	4,500	(10,125)		
FUEL SYSTEM SHO)P			SM	600	6,645	(3,987)		
ANTITERRORISM/F	ORCE PRO	TECTION		SM	2,850	40	(114)		
SUPPORTING FACIL	ITIES						8,364		
UTILITIES				LS			(4,424)		
SITE IMPROVEMEN	TS			SM	16,000	33	(528)		
PAVEMENTS				SM	1,550	75	(116)		
COMMUNICATIONS				LS			(105)		
AIRFIELD PAVEME	INTS			SM	4,630	430	(1,991)		
SOIL REMEDIATIC	N/ARCHAE	OLOGICAL MONITORING		LS			(200)		
FUEL SPILL CONT	AINMENT/	CONTROL		LS			(1,000)		
SUBTOTAL							22,590		
CONTINGENCY	(5.0%)					1,130		
TOTAL CONTRACT C	OST						23,720		
SUPERVISION, INS	PECTION	AND OVERHEAD	(6.5%)				1,542		
TOTAL REQUEST							25,261		
TOTAL REQUEST (R	OUNDED)						25,000		
10. Description on pilings, str	.0. Description of Proposed Construction: Reinforced concrete foundation, floor slabs on pilings, structural steel frame, masonry walls, and roof. Includes maintenance								

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, archaelogical 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		FY 2007 MILITAR	Y CONSTR	UCTION PROJECT	DATA	2. DATE
AIR FORCE	CE (computer generated)					
3. INSTALLATIC	ATION AND LOCATION 4. PROJECT TITLE					
HICKAM AIR FOR	RCE BASE	, HAWAII		C-17 FUEL CEL	L NOSE DOCK	
5. PROGRAM ELEMENT 6. CATEGORY CODE 7. PRO		JECT NUMBER	8. PROJECT CO	ST (\$000)		
41130		211-179	KIN	MD043008A	25,0	000

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. 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.

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)

COMPARAT FY 2007 MILITARY CONSTRUCTION PROTECT DATA 2. DATE (computer generated) 2. DATE (COMPUTER SPECT ON TITLE (computer generated) 2. DATE (CATEGORY CODE 4. PROJECT TITLE C-17 FUEL CELL NOSE DOCK (ALLISTION AND LOCATION (A. PROJECT NUMBER 8. PROJECT COST (\$000) (ALLIST) (CATEGORY CODE 7. PROJECT NUMBER 8. PROJECT COST (\$000) (ALLIST) (CATEGORY CODE 7. PROJECT NUMBER 8. PROJECT COST (\$000) (ALLIST) (CATEGORY CODE 7. PROJECT NUMBER 8. PROJECT COST (\$000) (ALLIST) (CATEGORY CODE 7. PROJECT NUMBER 8. PROJECT COST (\$000) (ALLIST) (CATEGORY CODE 7. PROJECT NUMBER 8. PROJECT COST (\$000) (ALLIST) (ALLIST) (ALLIST) 7. PROJECT NUMBER 8. PROJECT COST (\$000) (ALLIST) (ALLIST) (ALLIST) (ALLIST) 7. PROJECT COST (\$000) (BLIST) (ALLIST) (ALLIST) (ALLIST) 7. PROJECT STEE 7. PROJECT STEE (CALLIST) (ALLIST) (ALLIST) (ALLIST) 7. PROJECT STEE 7. PROJECT STEE (CALLIST) (ALLIST) (ALLIS										
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. PROGRAM ELEMENT 6. CATEGORY CODE 7. PROJECT NUMBER 8. PROJECT COST (\$000) 41130 211-179 NND043008A 25,000 2. SUPPLEMENTAL DATA: . . . a. Estimated Design Data: (1) Status: . . (a) Date Design Started 10-MAY-05 YES (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) Statal Cost (c) = (a) + (b) or (d) + (e): (\$000) (a) Production of Plans and Specifications 1,440 (b) Mhere Design Costs 7.00 (c) Total 2,160 (d) Construction Contract Award 07 JAN (5) 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	HICKAM AIR FO	RCE BASE	, HAWAII	C-17 FUEL C	ELL NOSE DOCK					
41130 211-179 KNND043008A 25,000 2. SUPPLEMENTAL DATA: a. Estimated Design Data: (1) Status: (a) Date Design Started (b) Parametric Cost Estimates used to develop costs (c) Percent Complete as of 01 JAN 2006 (d) Date 35% Designed (d) Date 35% Designed (e) Date Design Complete (a) Standard or Definitive Design - (b) Marce Design Was Most Recently Used - (c) Total Cost (c) = (a) + (b) or (d) + (e): (f) Construction of Plans and Specifications (c) Total (c) Tot	5. PROGRAM ELEMENT		6. CATEGORY CODE 7. PROJECT NUMBER		8. PROJECT COST (\$000)					
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 (b) Parametric Cost Estimates used to develop costs YES (c) Percent Complete as of 01 JAN 2006 15% * (d) Date 3% 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 - (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 (d) Contract 1,800 (e) In-house 3600 (4) Construction Contract Award 07 JAN (5) Construction of Project Definition with Parametric Cost Estimate which is 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	(a) Da	te Desig	n Started		10)-MAY-05				
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 * (d) Date 3% 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 - (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 (d) Contract 1,800 (e) In-house 360 (4) Construction Contract Award 07 JAN (5) 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 	* (c) Pe	rcent Co	mplete as of 01 JAN	2006		15%				
 (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 - (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 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 	* (d) Da	te 35% I	Designed		10	10-AUG-05				
 (f) Energy Study/Life-Cycle analysis was/will be performed YES (2) Basis: (a) Standard or Definitive Design - (b) Where Design Was Most Recently Used - (3) Total Cost (c) = (a) + (b) or (d) + (e): (\$2000) (a) Production of Plans and Specifications 1,440 (b) All Other Design Costs 720 (c) Total 2,160 (d) Contract 1,400 (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	(e) Da	te Desig	n Complete		10)-SEP-06				
 (2) Basis: (a) Standard or Definitive Design - (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 (d) Contract (e) In-house 360 (4) Construction Contract Award (7) JAN (5) Construction Completion (6) Construction Completion (7) FEB (6) Construction 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 	(f) En	ergy Stu	dy/Life-Cycle analys	sis was/will be per	formed	YES				
 (a) Standard or Definitive Design - (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 	(2) Basis	:								
 (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 	(a) St	andard c	or Definitive Design	-		NO				
 (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 99 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 	(b) Wh	ere Desi	gn Was Most Recently	7 Used -						
 (a) Production of Plans and Specifications (b) All Other Design Costs (c) Total (d) Contract (e) In-house (f) Construction Contract Award (f) Construction Start (f) Construction Completion (f) Construction Completion (f) Construction 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 	(3) Total	Cost (c	(a) = (a) + (b) or (d)	+ (e):		(\$000)				
 (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 	(3) Pr	oduction	of Plans and Specif	fications		1,440				
 (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 	(a) All Other Design Costs					720				
 (d) Contract In-house In-house (e) In-house (f) Construction Contract Award (f) Construction Start (f) Construction Completion (f) FEB (f) Construction 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	(c) Total					2,160				
 (e) In-house 360 (4) Construction Contract Award (5) Construction Start (6) Construction Completion (7) FEB (6) Construction 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 	(d) Contract					1,800				
 (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. b. Equipment associated with this project provided from other appropriations: N/A 	(e) In	-house				360				
(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	(4) Const		07 JAN							
 (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 	(5) Construction Start					07 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 	(6) Const	ruction	Completion			09 FEB				
b. Equipment associated with this project provided from other appropriations: N/A	* Indicat which i cost an	es compl s compar d execut	etion of Project Def able to traditional ability.	inition with Parame 35% design to ensur	stric Cost Esti ce valid scope,	mate				
	b. Equipmen N/A	t associ	ated with this proje	ect provided from ot	cher appropriat	ions:				
1. COMPONENT		FY 2007 MILITARY CONSTRUCTION PROJECT DATA 2. DATE								
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AIR FORCE		(comp	uter ger	nerate	ed)					
3. INSTALLATIC	N AND L	OCATION		4. P	ROJECT TI	TLE				
HICKAM AIR FOR	RCE BASE	, HAWAII		C-17 RESTORE AIRCRAFT APRON AND ACCESS						
				ROAD						
5. PROGRAM ELE	MENT	6. CATEGORY CODE	7. PRO	JECT 1	NUMBER	8. PROJECT	COST (\$000)			
41130 851-147					8020	3	,538			
9. COST ESTIMATES										
						UNIT	COST			
		ITEM		U/M	QUANTITY					
C-17 RESTORE AIR	CRAFT AP	RON AND ACCESS ROAD					2,655			
REPAIR ROADWAY	PAVEMENT			SM	23,454	110	(2,580)			
AIRFIELD REPAIR	AND RE-	STRIPING		LS			(75)			
SUPPORTING FACIL	ITIES						614			
TEMPORARY ROAD	REMOVAL			LS			(150)			
FENCE REMOVAL				LS			(10)			
SITE RESTORATIO	N, TEMPO	RARY ROAD		LS			(254)			
SOIL REMEDIATIO	N/ARCHEC	DLOGICAL MONITORING		LS			(200)			
SUBTOTAL							3,269			
CONTINGENCY	(5.0%)					163			
TOTAL CONTRACT C	OST						3,432			
SUPERVISION, INS	PECTION	AND OVERHEAD	(6.5%)				223			
TOTAL REQUEST							3,655			
TOTAL REQUEST (R	OUNDED)						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		FY 2007 MILITARY	DATA	2. DATE		
AIR FORCE		(comp				
3. INSTALLATION AND LOCATION 4. PROJECT TITLE						
HICKAM AIR FOR	CE BASE,	, HAWAII	C-17 RESTORE AIRCRAFT APRON AND ACCESS			
				ROAD		
5. PROGRAM ELE	MENT	6. CATEGORY CODE	7. PRO	JECT NUMBER	8. PROJECT CO	ST (\$000)
41130		851-147	KI	MD063020	3,5	38

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.

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.

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)

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.

1. COMPONENT		FY 2007 MILITARY CONSTRUCTION PROJECT DATA 2. DATE								
			er gene.							
3. INSTALLATIO	ON AND L	JCATION		4. PROJECT 1	TTLE					
HICKAM AIR FOR	RCE BASE	, HAWAII		C-17 RESTORE ACCESS ROAD	AIRCRAFT APRO	ON AND				
5. PROGRAM EL	EMENT	6. CATEGORY CODE	7. PRO	JECT NUMBER	8. PROJECT CO	ST (\$000)				
41130	41130 851-147 KNMD063020 3,538									
12. SUPPLEMEN	12. SUPPLEMENTAL DATA:									
a. Estimate	d Design	Data:								
(1) Statu	s:									
(a) Da	te Desig	n Started			20	-APR-05				
(b) Pa	rametric	Cost Estimates used	d to dev	elop costs		YES				
* (c) Pe	rcent Co	mplete as of 01 JAN	2006			15%				
* (d) Da	te 35% I	esigned			10	-NOV-05				
(e) Da	(e) Date Design Complete 10-SEP-06									
(f) En	ergy Stu	dy/Life-Cycle analys	sis was/	will be perfo	ormed	YES				
(2) Basis	:									
(a) St	andard c	or Definitive Design	-			NO				
(b) Wh	ere Desi	gn Was Most Recently	7 Used -							
(3) Total	Cost (c) = (a) + (b) or (d)	+ (e):			(\$000)				
(a) Pr	oduction	of Plans and Specif	Eication	s		152				
(b) Al	l Other	Design Costs				76				
(c) To	tal					228				
(d) Co	ntract					203				
(e) In	-house					25				
(4) Constr	ruction	Contract Award				07 JAN				
(5) Const	ruction	Start				07 FEB				
(6) Const	ruction	Completion				08 FEB				
* Indicat which i cost an	* 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: $N/{\rm A}$

1. COMPONENT		FY 2	2007 N	/ILITAR`	CONSTR	RUCTION	PROGR	RAM	2. DATE	
AIR FORCE										
3. INSTALLATION A	ND LOCA	ATION		4. COM	MAND:			5. AREA	CONST	
SCOTT AIR FORCE	BASE			AIR MO	BILITY CC	MMAND		COST IN	DEX	
ILLINOIS								1.19		
6. Personnel	PE	RMANEN		ST	UDENTS		SU	PPORTE	D	
Strength	OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV	TOTAL
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 DAT	A (\$000)									
Total Acreage:	5,389									
Inventory Total as of	: (30 Sep	o 05)								2,272,348
Authorization Not Yel	t in Invent	ory:			(-) (32,800
Authorization Requested in this Program: (FY 2007)								20,000		
Authorization Include	d in the F	ollowing F	rogra	m:	(FY 2008)				46,531
Planned in Next Three	e Years F	Program:			(FY 2009	-2011)				30,469
Grand Total:	у.									20,000
Granu Totai.										2,430,140
8 PROJECTS REO	IESTED	IN THIS P	ROG	RAM		(FY 2007	()			
	OLOILD		11001			(1 1 2007	,	COST	DESIGN	STATUS
CODE	PROJEC	T TITLE				SCOPE		\$.000	START	CMPL
010-142	Dormitor	v (120 Rm)			3.960	RM	20.000	Desian-Buil	d
	,		/			-,	TOTAL	20,000	5	-
9a. Future Projects:	Included	in the Foll	owing	Program	ו: (F`	Y2008)				
063-001	Security I	Forces Op	eratio	ns		3,150	SM	10,400	Design-Buil	d
610-248	Const HC	ຊ AMC/US	TRAN	ISCOM F	ac, Ph1	12,000	SM	36,131	Design-Buil	d
							TOTAL	46,531		
						(<u>_</u>) (
9b. Future Projects:	Typical F	Planned Ne	ext Th	ree Year	S:	(FY 2009	-2011)	00.400		
610-248	Const HC				ac, Ph2	8,000	SM	23,469		
740-884	Construc	t Child De	velopi	nent Cer	iter	2,100		7,000		
							IUTAL	30,409		
9c Real Property Ma	aintenanc	e Backlog	This	nstallatio	on (\$M)					80
		o Buoniog	11110		, iii (ψivi)					
10. Mission or Major	Function	s: Head	quarte	ers Air Mo	obility Con	imand an	d US Tra	ansportatio	on Comman	d, an
aeromedical evacuat	ion wing,	with an AF	- Rese	erve Asso	ociate wing	g and an A	Air Natioi	nal Guard	air refueling	wing.
11. Outstanding poll	ution and	Safety (O	SHA [Deficienci	ies):					
a. Air pollution								0		
b. Water Pollutio	n							0		
c. Occupational	Safety and	d Health						0		
d Other Environ	montol							0		
	mental							0		

	1										
1. COMPONENT		FY 2007 MILITARY CONSTRUCTION PROJECT DATA 2. DATE									
AIR FORCE		(compu	uter ger	nerat	ed)						
3. INSTALLATIO	N AND L	OCATION		4. PROJECT TITLE							
SCOTT AIR FORC	CE BASE,	ILLINOIS		DORM	ITORY (12	0 RM)					
5. PROGRAM ELE	CMENT	6. CATEGORY CODE	7. PRO	JECT	NUMBER	8. PROJECT C	OST (\$000)				
41896		721-312	VD	VDYD010142 20			,000				
		9. COS'	T ESTIN	IATES							
						UNIT	COST				
		ITEM		U/M	QUANTITY						
DORMITORY (120 F	2M)						10,227				
DORMITORY				SM	3,960	2,557	(10,126)				
ANTITERRORISM/H	FORCE PRO	TECTION		SM	3,960	26	(101)				
SUPPORTING FACIL	ITIES						7,786				
WIDEN WARD STRE	ZET			LM	1,100	4,020	(4,422)				
PAVEMENTS				LS			(900)				
UTILITIES				LS			(560)				
SITEWORK				LS			(520)				
COMM SUPPORT				LS			(560)				
DEMOLITION				SM	4,875	169	(824)				
SUBTOTAL							18,013				
CONTINGENCY	(5.0%)					-	901				
TOTAL CONTRACT C	COST						18,913				
SUPERVISION, INS	SPECTION	AND OVERHEAD (5	5.7%)			-	1,078				
TOTAL REQUEST							19,991				
TOTAL REQUEST (F	OUNDED)						20,000				
EQUIPMENT FROM C	THER APP	ROPRIATIONS (NON-ADD)					(2,500)				
10. Descriptio	on of Pi	oposed Construction	n: Thre	e sto	ory facili	ty with rein	forced				
concrete iounda	ation, r all util	ities, fire detecti	trusses	, and	istoped s	standing seam	metal roor;				
includes four-	bedroom	modules, with indiv	vidual b	athro	ooms and v	alk-in close	ts, and a				
shared social a	space/ki	tchen. Due to traf	ffic flo	w int	erruption	and access	to the dorm				
and admin areas	s Ward I	rive will be widene	ed from	two 1	lanes to t	hree. This p	project				
includes adequa	ate parl	ing, lighting, land	iscaping	, and	all nece	ssary support	and any				
other work asso	ociated	with this project.	Projec	t als	SO INCLUDE	s partial der	Nolition Bldg				
DOD minimum con	nstructi	on standards.	1912 (1	,,,,,,	SM). AI	FF physical a	security IAW				
Air Conditioni	ng: 17	5 Tons									
11. Requirement	- t: 564 I	M Adequate: 444	RM S	ubsta	andard: 12	20 RM					
PROJECT: Const	truct Do	ormitory (Current Mi	ission)								
REQUIREMENT:	The Air	Force relies on high	ghly tra	ined	, motivate	d unaccompan:	ied enlisted				
men and women	to suppo	ort increasingly teo	chnical	air a	and space	missions. A	najor Air				
Force objective	e provio	les unaccompanied er	nlisted	perso	onnel with	housing con	lucive to				
their proper re	est, rel ding gor	axation, and person	nal well	-bei	ng. Prope	erly designed	and furnished				
accomplishment	of the	increasingly compli	icated a	nd in	are esser	jobs these per	ople must				
perform. The	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

Page No.

1. COMPONENT	FY 2007 MILITARY CONSTR	UCTION PROJECT DATA	2. DATE
AIR FORCE	(computer ge	nerated)	
3. INSTALLATIC	N AND LOCATION	4. PROJECT TITLE	
SCOTT AIR FORC	E BASE, ILLINOIS	DORMITORY (120 RM)	

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST (\$000)
41896	721-312	VDYD010142	20,000

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.

<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.

<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.

ADDITIONAL: 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.

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						
1. COMPONENT AIR FORCE		FY 2007 MILITARY C	ONSTRI er ge	UCTION PROJECT	DATA	2	. DATE
2 TNGTATIATT		OCATION			PT 12		
SCOTT ATR FOR		TITINOIS		TOPMITORY (12)			
SCOTT AIR FOR	CE DASE,			DORMITORI (120			
5. PROGRAM EL	EMENT	6. CATEGORY CODE	7.PI	ROJECT NUMBER	8. PROJECT CO	ST	(\$000)
41896		721-312		VDYD010142	20,	,000)
12 SUPPLEMEN	. שמת המשב						
a Estimate	d Design						
(1) Proje	at to be	aggomplished by des	ian-h	uild progedures	-		
(1) FIOJE		accomprished by des	rau-p	dild procedures	2		
(1) Dabib (a) St (b) Wh	andard o here Desi	or Definitive Design ign Was Most Recently	- 7 Used	i -			NO
(3) All O	ther Des	ign Costs				1	,000
(4) Const:	ruction	Contract Award				07	JAN
(5) Const:	ruction	Start				07	MAR
(6) Const:	ruction	Completion				09	MAR
(7) Energy	v Studv/	Life-Cvcle analysis	was/w	ill be performe	ed		YES
	, ,						
b. Equipmen	t associ	ated with this proje	ct pr	covided from oth	her appropriat	ion	s:
EQUIPMENI	NOMENCI	PROC	URING	FISCA APPRO APPRO OR RE	AL YEAR PRIATED QUESTED		COST (\$000)
FURNISHIN	IGS		340	0 2	2007		2,500
1							

1. COMPONENT AIR FORCE			FY	2007 MIL	ITARY CO	ONSTRU	CTION PRO	OGRAM		2. DATE	
3. INSTALLATION / FORT KNOX, KENT	AND LOC UCKY	CATION		4. COMN AIR COM	/AND: IBAT CON	IMAND			5. AREA COST IN 1.05	CONST DEX	
6. Personnel	PE	RMANE	NT	STU	DENTS				S	SUPPORTE	D
Strength	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) c. Authorization Not Yet in Inventory: d. Authorization Requested in this Program: e. Authorization Included in the Following Program: f. Planned in Next Three Years Program: g. Remaining Deficiency: h. Grand Total: 8. PROJECTS REQUESTED IN THIS PROGRAM: CATEGORY CODE PROJECT TITLE SCOP							(FY 2008) <u>SCOPE</u> 1,334	(FY 2007 SM	7) COST <u>\$,000</u> 3,500	DESIGN START Jan-06	0 3,500 0 3,500 3,500 STATUS <u>CMPL</u> 6 Sep-06
9a. Future Projects:	Included	d in the F	Follow	ing Progra	am:	(FY20	Total 008)		3,500		
9b. Future Projects:	Typical	Planned	Next	Three Yea	ars:						
9c. Real Propery Ma	aintenanc	ce Backl	og Thi	is Installati	ion (\$M)						
10. Mission or Majo	r Functio	ns: Com	mand	and contro	ol of close	air suppo	ort operation	ns in supp	oort of Arn	ny units.	
11. Outstanding pol a. Air pollution:	lution and	d Safety	(OSH	A) Deficie	ncies:				0		
b. Water Pollutio	on:								0	1	
c. Occupational	Safety a	nd Healt	h						0	1	
d. Other Enviror	nmental:								0		

1. COMPONENT		FY 2007 MILITARY CONSTRUCTION PROJECT DATA 2. DATE									
AIR FORCE		(compu	uter gen	nerate	ed)						
3. INSTALLATIO	N AND L	OCATION		4. PROJECT TITLE							
FORT KNOX, KEN	NTUCKY			TACP	ASOS FAC	ILITY					
5. PROGRAM ELE	MENT	6. CATEGORY CODE	7. PRO	JECT	NUMBER	OST (\$000)					
27596		141-753	A	CC070	040	,500					
		9. COS	T ESTI	MATES							
		ITEM		U/M	OUANTITY	UNIT	COST				
TACP ASOS FACILI	TY						2,581				
AIR SUPPORT OPE	RATIONS	SQUADRON		SM	921	2,520	(2,321)				
HMMWV STORAGE				SM	413	600	(248)				
ANTITERRORISM/F	ORCE PRO	DTECTION		SM	1,334	9	(12)				
SUPPORTING FACIL	ITIES						593				
UTILITIES				LS			(157)				
PAVEMENTS				LS			(101)				
SITE IMPROVEMEN	ITS			LS			(335)				
SUBTOTAL							3,174				
CONTINGENCY	(5.0%)					159				
TOTAL CONTRACT C	OST						3,332				
SUPERVISION, INS	PECTION	AND OVERHEAD	(5.7%)				190				
TOTAL REQUEST							3,522				
TOTAL REQUEST (R	OUNDED)						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 S	SM Su	ıbstar	ndard: 0 S	M					

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		FY 2007 MILITARY	DATA	2. DATE					
AIR FORCE		(computer generated)							
3. INSTALLATIO									
FORT KNOX, KE	NTUCKY			TACP ASOS FAC	ILITY				
5. PROGRAM ELE	CMENT	6. CATEGORY CODE	7. PRO	JECT NUMBER	8. PROJECT COST (\$000)				
27596 141-753				CC070040	3,5	00			

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)

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 Concerned (compute	ONSTRUC er gene	TION PROJECT	DATA	2. DATE
3 TNSTALLATT	ד רוא באר	OCATION		4. PROJECT T	ITLE	I
FORT KNOX . KE	NTIICKY			TACP ASOS FA	CILITY	
	MIUCRI					
5. PROGRAM EL	EMENT	6. CATEGORY CODE	7. PRO	JECT NUMBER	8. PROJECT CO	ST (\$000)
27596		141-753	AC	2070040	3,	500
12. SUPPLEMEN	TAL DATA	:				
a. Estimate	d Design	Data:				
(1) Statu	s:					
(a) Da	te Desig	n Started			12	-OCT-05
(b) Pa	rametric	Cost Estimates used	l to dev	velop costs		YES
* (c) Pe	rcent Co	mplete as of 01 JAN	2006			15%
* (d) Da	te 35% D	Designed			13	-MAR-06
(e) Da	te Desig	n Complete		/	20	-SEP-06
(I) En	ergy stu	dy/Life-Cycle analys	sis was,	will be perio	ormed	YES
(2) Basis	:					
(a) St	andard c	or Definitive Design	-			YES
(b) Wh	ere Desi	gn Was Most Recently	7 Used ·	-		
(3) Total	Cost (c	:) = (a) + (b) or (d)	+ (e):	1		(\$000)
(a) Pr	oduction	of Plans and Specif	lication	ıs		210
(b) Al	l Other	Design Costs				105
(c) To	tal					315
(d) Co	ntract					280
(e) In	-house					35
(4) Const	ruction	Contract Award				07 FEB
(5) Const	ruction	Start				07 MAR
(6) Const	ruction	Completion				08 FEB
* Indicat which i cost an	es compl s compar d execut	etion of Project Def able to traditional ability.	inition 35% des	n with Paramet sign to ensure	tric Cost Esti e valid scope,	mate
b. Equipmen N/A	t associ	ated with this proje	ect prov	vided from otl	ner appropriat	ions:

1. COMPONENT		FY 2	2007 MIL	_ITARY	CONSTR	RUCTION	I PROGF	RAM	2. DATE	
AIR FORCE										
3. INSTALLATION A		ON		4. CO	MMAND:			5. AREA	CONST	
	RCE BASE			AIR M	OBILITY	COMMAN	ND	COSTIN	DEX	
						-		1.00		
6. Personnel	PERM			S		S On (SU	PPORTE	D	
Strength	OFF	ENL		OFF	ENL	CIV	OFF	ENL	CIV	TOTAL
AS OF 30 SEP 05	1,946	7,506	2,711							12,163
	2,019	7,789	3,071							12,879
7. INVENTORY DAT	A (\$000)									
Total Acreage:	8,250									
Inventory Total as of	: (29 Dec 05	5)								3,636,548
Authorization Not Ye	t in Inventory	:								274,700
Authorization Reques	sted in this Pi	rogram:				•				29,000
Authorization Include	d in the Follo	wing Prog	gram:		(FY 200	3)				0
Planned in Next Thre	e Year Prog	ram:								38,000
Remaining Deficienc	y:									207,700
Grand Total:										4,185,948
8 PROJECTS REO			GRAM			(EV 200)7)			
						(11200	,,,	COST	DESIGN	STATUS
CODE	PROJECT T	ITLE				SCOPE	-	\$.000	START	CMPL
610-284	Strategic Pla	anning and	l Develo	pment I	Facility	4,447	SM	29,000	Nov-05	Sep-06
	0	0		•	,	,		,	ļ	• •
							TOTAL	29,000	•	
9a. Future Projects:	Included in t	he Follow	ing Prog	ram:	(FY20	008)				
9b Euture Projects:	Planned Net	xt Three Y	ears.							
730-441	Consolidated	d Library/E	ducatio	n Cente	er	3.025	SM	18.000		
740-674	Physical Fitr	ness Cente	er			6.309	SM	20.000		
	,					-,	-	-,		
2							TOTAL	38,000	•	
9c. Real Property Ma	aintenance B	acklog Th	is Instal	lation (\$	SM)					194
10. Mission or Major	Function: Ai	rlift wing fl	ying var	ious fixe	ed wing a	nd rotary	aircraft r	esponsibl	e for trans	sporting our
Nation's civilian and	military leade	ers to locat	ions aro	und the	globe…i	n peace,	crisis, ar	nd conflict.	and to e	employ a wide
range of current and	emerging col	mmand, c	ontrol ar	nd comr	nunicatio	ns capabi	ilities to k	ceep them	aware of	current events
and to allow them to	make timely	decisions	that furt	her US	interests.	,				
11. Outstanding poll	ution and Sat	rety (OSH	A Deficie	encies):				0		
a. All pollution								0		
h Water Pollutio	n							٥		
	11							0		
c. Occupational	Safety and H	ealth						Ο		
		Juni						0		
d. Other Environ	mental							0		
								Ū		

1. COMPONENT		FY 2007 MILITARY	CONSTRU	OLLOR	I PROJECT	DATA	2. DATE			
AIR FORCE		(computer generated)								
3. INSTALLATIO	N AND L	OCATION		4. PROJECT TITLE						
ANDREWS AIR FO	RCE BAS	E, MARYLAND		STRA	FEGIC PLAI LITY	NNING AND DE	VELOPMENT			
5. PROGRAM ELE	MENT	6. CATEGORY CODE	7. PRO	JECT 1	NUMBER	8. PROJECT	COST (\$000)			
41896		610-284	AJ	XF063	8008	29	,000			
		9. COS	T ESTIN	ATES	1					
		ITEM		∪/м	OUANTITY	UNIT	COST			
STRATEGIC PLANNI	NG AND D	EVELOPMENT FACILITY			~ ~ ~ ~		15,340			
STRATEGIC PLANN	ITNG AND	DEVELOPMENT FACTLITY		SM	4,447	3,100	(13.786)			
ANTITERRORISM/E	ORCE PRO	DTECTION		SM	4,447	349	(1,554)			
SUPPORTING FACIL	ITIES						10,889			
PAVEMENTS/ROADS	/PARKING	}		LS			(3,270)			
UTILITIES				LS			(1,968)			
SITE IMPROVEMEN	ITS			LS			(1,291)			
ENVRIONMENTAL C	ONTROLS			LS			(1,257)			
SCI SHIELDING				LS			(1,100)			
COMMUNICATIONS				LS			(723)			
BACK-UP POWER				LS			(650)			
DEMOLITION (PAR	KING LOT	S/PAVEMENTS/ROADS)		LS			(449)			
LANDSCAPING / H	IARDSCAPI	ING		LS			(181)			
SUBTOTAL							26,229			
CONTINGENCY	(5.0%)					1,311			
TOTAL CONTRACT C	OST						27,540			
SUPERVISION, INS	PECTION	AND OVERHEAD	(5.7%)				1,570			
TOTAL REQUEST							29,110			
TOTAL REQUEST (R	OUNDED)						29,000			
EQUIPMENT FROM O	THER APP	ROPRIATIONS (NON-ADD)					(4,480.0)			
10. Description	on of Pi	roposed Construction	n: Cons	truct	faciliti	es on concre	ete			
foundation, wit	ch masor	nry walls, metal sea	am roof,	fire	e detectio	on/suppression	on system,			
HVAC, emergency	y power,	, associated site ut	ilities	, par	king, for	ce protectio	on, perimeter			
security, grad	ing, out	side patio area, la	andscapi	.ng, r mon+	ardscapir	g, and eniro	onmental domolition of			
parking lots/r	nads and	l necessary support.	This	proje	ect will o	omply with I	DOD			
antiterrorism/	Eorce pr	cotection requirement	nts per	unifi	led facili	ties criter	la			
Air Conditionin	ng: 20	0 Tons								
11. Requirement	11. Requirement: 4447 SM Adequate: 0 SM Substandard: 0 SM									
PROJECT: Strategic Planning and Development Facility (Current Mission)										
REQUIREMENT: 2	A requir	rement exists to pro	ovide a	prope	erly confi	gured facili	ty to host			
strategic and t	ransfor	mational planning s	sessions	with	h the abil	ity to hold	and transmit			
classified disc	cussions	(up to and includi	ing secu	re co	mpartment	ed informati	Lon (SCI)) at			
Capitol Region	Ly acces The	Strategic Planning	and Dev	-prot relorm	ected 100 ent Facil	ity (SDF) .	: Nacionai vill enable			
national leader	ship to	assemble in a sing	gle loca	tion	to examir	e and develo	op doctrine,			
strategy, and p	policy.	Air Force transfor	mation	requi	res a fac	ility where	leadership can			
meet to conduct	both c	organizational perfo	ormance	planr	ning to er	hance near-t	erm mission			

1. COMPONENT		FY 2007 MILITARY CONSTRUCTION PROJECT DATA							
AIR FORCE		(computer generated)							
3. INSTALLATION AND LOCATION 4. PROJECT TITLE									
ANDREWS AIR FORCE BASE, MARYLAND STRATEGIC PLANNING AND DEVELOPMENT									
					FACILITY				
5. PROGRAM ELE	MENT	6. CATEGOR	Y CODE	7. PRO	JECT NUMBER	8. PROJECT CO	ST (\$000)		
41896 610-284 AJXF063008 29,000									
asks/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 flyin/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		FY 2007 MILITAR	Y CONSTI	RUCI	ION PROJECT	DATA	2. DATE		
AIR FORCE		(con	nputer ge	enei	rated)				
3. INSTALLATIO	N AND LO	OCATION			4. PROJECT	TITLE			
ANDREWS AIR FO	ORCE BAS	E, MARYLAND			STRATEGIC P	LANNING AND DE	VELOPMENT		
		r			FACILITY	1			
5. PROGRAM EL	EMENT	6. CATEGORY CC	DE 7. 1	PROJ	ECT NUMBER	8. PROJECT CO	ST (\$000)		
41896		610-284		ΑJΣ	CF063008	29,	,000		
12. SUPPLEMEN	TAL DATA	:							
a. Estimate	d Design	Data:							
(1) Statu	s:								
(a) Da	te Desig	n Started				01	-NOV-05		
(b) Pa	rametric	Cost Estimates	used to	dev	elop 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) Wh	ere Desi	.gn Was Most Rece	ntly Use	ed -					
(3) Total	Cost (c	(a) = (a) + (b) or	(d) + (e):			(\$000)		
(a) Pr	oduction	n of Plans and Sp	ecificat	ion	S		1,740		
(b) Al	l Other	Design Costs					870		
(c) To	otal						2,610		
(d) Co	ntract						2,320		
(e) In	-house						290		
(4) Const	ruction	Contract Award					06 SEP		
(5) Const	ruction	Start					07 MAR		
(6) Const	ruction	Completion					09 MAR		
* Indicat which i cost an	es compl s compar d execut	etion of Project able to tradition ability.	Definit nal 35%	ion des	with Parame ign to ensur	tric Cost Esti e valid scope,	mate		
b. Equipmen	t associ	ated with this p	roject p	prov	ided from ot	her appropriat	ions:		
EQUIPMEN	r nomenci	LATURE	PROCU APPROPR	RING	FISC G APPRO ION OR RE	AL YEAR DPRIATED EQUESTED	COST (\$000)		
COMMUNICZ	ATIONS		30	80		2008	2,580		
COMPREHEN	NSIVE INT	FERIOR DESIGN	34	00	:	2009	1,900		

1. COMPONENT		FY 2	007 MI	LITAR	CONSTRU	JCTION	PROGF	RAM	2. DATE	
				4 000					CONOT	
3. INSTALLATION A		ATION						5. AREA		
	BASE,			AIR CC	DWBAT COI	MMAND)		IDEX	
			_	0				1.3	D	
6. Personnel	PE	RMANEN	011/	5	IUDENIS	011/	50		D	тоти
Strength	OFF	ENL			ENL	CIV	OFF	ENL		TOTAL
AS OF 30 SEP 04	1053	6415	2709	75 75	135	2	0	1	263	10,653
		0322	2090	75	135	Z	0	I	263	10,597
7. INVENTORY DAT	IA (\$000)	10.001								
a. Total Acreage.	$of \cdot (20)$	13,921 Son 04)								2 100 092
 D. Inventory Total as Authorization Not 	Votin Inv	Sep 04)								2,109,963
d Authorization Red	upstad in	this Progr	om.							53 300
e Authorization Inclu	uded in th	e Followin	a Proo	iram.	(FY 2008)					11 800
f Planned in Next Fr	our Years	Program.	griog	nam.	(1 1 2000)					88 200
a Remaining Deficie	ency.	r iogram.								115,000
b. Grand Total:	Shoy.									2 484 983
										2,101,000
8 PROJECTS REQ	UESTED	IN THIS P	ROGR	·MA			(FY 200	7)		
CATEGORY	020.20						(200	COST	DESIGN	STATUS
CODE	PROJEC	T TITLE				SCOPE	:	\$.000	START	CMPL
211-152	Predator	Various Fa	acilities	s (Indiar	Sprinas)	1	LS	23.923	Nov-05	Sep-06
218-712	Predator	Various Fa	acilities	s (Indiar	Springs)	1	LS	26.000	Nov-05	Sep-06
				(9-1-1-3-)			,		
9a. Future Projects:	Included	in the Foll	owing	Program	n:	(FY200)8)			
CATEGORY			Ũ	Ũ			,	COST		
CODE	PROJEC	T TITLE				SCOPE	<u> </u>	\$,000		
731-142	Fire/Cras	h Rescue	Statior	ns (Nelli	s)	1,720	SM	11,800		
9b. Future Projects:	Typical F	Planned Ne	ext Fou	ir Years	:					
171-212	JTAC Vir	tual Traini	ng Fac	ility (Ne	llis)	604	SM	4,000		
131-111	Consolida	ated Comr	nunica	tions Fa	ac (Nellis)	7597	SM	33,000		
141-454	Squadror	n Ops Faci	lity (Ne	ellis)		1,858	SM	7,100		
							TOTAL	44,100		
	-	_								
9c. Real Property Ma	aintenanc	e Backlog	This Ir	nstallatio	on:			105		
10. Mission or Major	Function	s: Headqu	arters	Air Com	bat Comma	and; a fig	ghter wir	ng with thr	ee F-15 f	ighter
squadrons; an airlift f	flight; an i	ntelligence	group	; Aeros	pace Comm	and and	d Contro	I Intelliger	nce, Surve	eillance
and Reconnaissance	e Center (AC2ISRC)	, Detad	chment	of the USAF	- Doctrir	ne Cente	er; and the	e Air Force	e Rescue
Coordination Center.										
		Onfate (C	0114 5							
11. Outstanding Poll	iution and	Safety (O	SHA D	eficienc	cies):		• • • • • • • • •			
a. Air pollution				C.		a Safety	y and He	aith		
b. vvater Pollutio	n			d.	Uther Envir	onmenta	ai			

1. COMPONENT		FY 2007 MILITAR	Y CONSTRU	JCTIO	N PROJECT	2. DATE			
AIR FORCE		(computer generated)							
3. INSTALLATIO	n and l	OCATION		4. P	ROJECT TI	TLE			
CREECH AIR FOR	CE BASE	, NEVADA		PRED	ATOR VARI	OUS FACILITIE	S		
5. PROGRAM ELE	MENT	6. CATEGORY CODE	7. PRO	JECT	NUMBER	8. PROJECT C	OST (\$000)		
35219		211-152	LKI	C0631	.04R2	23	,923		
		9. CO	ST ESTI	MATES					
		ITEM		U/M	QUANTITY	UNIT	COST		
							15 005		
PREDATOR VARIOUS	FACILIT	IES					15,835		
MAINTENANCE AND	LOGISTI	CS COMPLEX		LS	1		(4,700)		
OPERATIONS FACI	LITIES			LS			(3,850)		
TRAINING FACILI	TIES			LS			(3,350)		
MUNITIONS COMPL	EX			LS			(3,250)		
ANTITERRORISM/F	ORCE PRO	TECTION					(685)		
SUPPORTING FACIL	ITIES						5,720		
UTILITIES				LS			(1,500)		
PAVEMENTS				LS			(1,270)		
SITE IMPROVEMEN	TS			LS			(865)		
COMMUNICATION S	UPPORT			LS			(885)		
INFRASTRUCTURE				LS			(1,200)		
SUBTOTAL							21,555		
CONTINGENCY	(5.0%)					1,078		
TOTAL CONTRACT C	OST						22,633		
SUPERVISION, INS	PECTION	AND OVERHEAD	(5.7%)				1,290		
TOTAL REQUEST							23,923		
TOTAL REQUEST (R	OTAL REQUEST (ROUNDED) 23,923								
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.

Air Conditioning: 250 Tons

11. Requirement: LS Adequate: LS Substandard: LS

PROJECT: Construct Predator Various Facilities. (New Mission)

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

1. COMPONENT	FY	FY 2007 MILITARY CONSTRUCTION PROJECT DATA 2. DATE								
AIR FORCE		(computer generated)								
3. INSTALLATIC	N AND LOCATI	AND LOCATION 4. PROJECT TITLE								
CREECH AIR FOR	CE BASE, NEW	CE BASE, NEVADA PREDATOR VARIOUS FACILITIES								
5. PROGRAM ELE	EMENT 6.	CATEGORY COL	E 7. PRO	JECT NUMBER	8. PROJECT CO	ST (\$000)				
35219		211-152	LKTC063104R2 23,923							

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.

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.

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.

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.

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

						1
1. COMPONENT AIR FORCE		FY 2007 MILITARY Co (compute	ONSTRUC	TION PROJECT	DATA	2. DATE
3. INSTALLATI	ON AND L	OCATION			PTTT.E	1
CREECH AIR FO	RCE BASE	, NEVADA		PREDATOR VAL	RIOUS FACILITI	ES
5. PROGRAM EL	EMENT	6. CATEGORY CODE	7. PRO	JECT NUMBER	8. PROJECT CO	ST (\$000)
35219		211-152	LKT	C063104R2	23,	923
12. SUPPLEMEN	TAL DATA	:			•	
a. Estimate	d Design	Data:				
(1) Statu	s:					
(a) Da	te Desig	n Started			01	-NOV-05
(b) Pa	rametric	. Cost Estimates used	l to dev	velop costs		YES
* (c) Pe	rcent Co	mplete as of 01 JAN	2006			15%
* (d) Da	te 35% I	Designed			01	-MAY-06
(e) Da	te Desig	n Complete			01	-SEP-06
(f) En	ergy Stu	dy/Life-Cycle analys	sis was/	will be perf	ormed	YES
	_					
(2) Basis	:					
(a) St (b) Wh	andard d	or Definitive Design	- Jigod -	_		NO
(D) WI	ere Desi	ign was most recently	useu -	-		
(3) Total	Cost (c	(a) = (a) + (b) or (d)	+ (e):			(\$000)
(a) Pr	oductior	n of Plans and Specif	icatior	ıs		1,435
(b) Al	l Other	Design Costs				718
(c) To	tal					2,153
(d) Co	ntract					1,914
(e) In	-house					239
(4) Const	ruction	Contract Award				07 FEB
(5) Const	ruction	Start				07 MAR
(6) Const	ruction	Completion				09 MAR
* Indicat which i cost an	es compl s compar d execut	etion of Project Def able to traditional ability.	inition 35% des	n with Parame sign to ensur	tric Cost Esti e valid scope,	mate
b. Equipmen N/A	t associ	ated with this proje	ct prov	vided from ot	her appropriat	ions:

1. COMPONENT		FY 2007 MILITARY	CONSTRU	JCTION	I PROJECT	DATA	2. DATE		
AIR FORCE		(computer generated)							
3. INSTALLATIO									
CREECH AIR FOR	RCE BASE	, NEVADA		PRED	ATOR VARI	OUS FACILITI	IS		
5. PROGRAM ELE	MENT	6. CATEGORY CODE	7. PRO	PROJECT NUMBER 8. PROJECT COST (\$000)					
35219		218-712	C0631	.03R2	26	,000			
		9. COS	T ESTI	MATES					
						UNIT	COST		
		ITEM		<u>U/M</u>	QUANTITY				
PREDATOR VARIOUS	FACILIT	IES					18,014		
MAINTENANCE BAC	KSHOPS			LS			(2,882)		
AIRCRAFT GROUND	EQUIPME	INT (AGE) SHOP		LS			(6,034)		
TEST GROUND CON	TROL STA	TION ADDITION		LS			(1,674)		
INFRASTRUCTURE				LS			(6,916)		
ANTITERRORISM/E	ORCE PRO	TECTION		LS			(508)		
SUPPORTING FACIL	ITIES			Ì			5,295		
IITTI.TTTES				T.S			(875)		
DAVEMENTS				T.C			(1 200)		
STTE INDDOVEMEN	זידיפ			T.C			(1,200)		
COMMUNICATION							(1 000)		
BACK-IID CENEDAL		CU CEND/DDTDCE CDANE					(1,000)		
BACK-OF GENERAL	IOKS/SWII	CH GEAR/BRIDGE CRANE		GL			(1,300)		
SUBTOTAL							23,309		
CONTINGENCY	(5.0%)					1,165		
TOTAL CONTRACT C	OST						24,474		
SUPERVISION, INS	PECTION	AND OVERHEAD	(5.7%)				1,395		
TOTAL REQUEST							25,869		
TOTAL REQUEST (R	OUNDED)						26,000		
10. Descriptio	on of Pr	coposed Construction	n: Rein	force	ed concret	e foundation	s and floor		
slabs, masonry	walls w	with structural stee	el frame	e, met	al roof s	systems, fire	1		
protection/dete	ection,	utilities, site imp	rovemer	nts, c	communicat	ions support	, pavements,		
landscaping and	d all ot	ther necessary suppo	ort. Fo	orce p	protection	n includes re	inforced		
exterior walls	and lam	ninated windows. Th	nis proj	ject w	vill compl	ly with DoD			
antiterrorism/	force pr	cotection requirement	nts per	unifi	led facili	ties criteri	a		
Air Conditionin	ng: 15	i0 Tons							
11. Requirement	t: LS	Adequate: LS	Substar	ndard:	LS				
PROJECT: Const	truct Pi	redator Various Faci	ilities	. (Ne	ew Mission	n)			
REQUIREMENT:	The Pred	lator aircraft syste	em will	launc	h, land,	be remotely	piloted,		
maintained, and	aintained, and trained at Creech AFB. This project supports the AF objective of a								
real-time "hunt	eal-time "hunter/killer" capability by ensuring adequate facilities are available to								
support Predato	ircraft was accelerated and the numbers increased to combat the Global War on								
Terrorism. Per	rmanent	facilities adequate	elv size	ed and	l configu	red for multi	ple		
maintenance and	1 operat	ions functions are	require	ed to	support t	he beddown o	f three combat		
coded, test and	d traini	ng squadrons at Cre	ech AFI	з.		-			
CURRENT SITUAT	ION: Th	nere are no adequate	e facili	ties	at Creech	n that can be	reconfigured		
to support the	operati	ons, maintenance an	nd logis	stics	requireme	ents associat	ed with this		
new weapons sys	stem. 1	These functions will	be loo	ated,	, on an ir	nterim basis,	in leased		
modular units a	and exis	sting Predator MQ1 m	naintena	ance a	and logist	cics faciliti	es that will		

1. COMPONENT

AIR FORCE

(computer generated)

3. INSTALLATION AND LO	OCATION	4. PROJECT TI	TLE				
CREECH AIR FORCE BASE	, NEVADA	PREDATOR VARI	PREDATOR VARIOUS FACILITIES				
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST (\$000)				
35219	26,000						

be redesignated for Predator pilot, maintenance training, and follow-on test functions upon the completion of this project.

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.

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.

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

IN FORCE (computer generated) 3. INSTALLATION AND LOCATION 4. PROJECT TITLE PREDATOR VARIOUS FACILITIES REECH AIR FORCE BASE, NEVADA PROJECT NUMBER 6. CATEGORY CODE 7. PROJECT NUMBER 8. FROMENTAL DATA: 8. FROMENTAL DATA: a. Estimated Design Data: (1) Status: (a) Date Design Started 01-NOV-05 (b) Parametric Cost Estimates used to develop costs TES * (c) Parcent Complete as of 01 JAN 2006 15% (d) Date Design Complete 01-NOV-05 (e) Date Design Complete 01-SEP-06 (f) Energy Study/Life-Cycle analysis was/will be performed NO (a) Standard or Definitive Design - NO (b) Where Design Was Most Recently Used - (1) (c) Total Cost (c) = (a) + (b) or (d) + (e): (\$0000) (a) Total Cost (c) = (a) + (b) or (d) + (e): (\$0000) (c) Total 2,340 (d) Construction Contract Award 07 FEB (f) 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 appropriation	1. COMPONENT		FY 2007 MILITARY C	ONSTRUCT	ION PROJECT	DATA	2. DATE
 A. HSTALLATION AND LOCATION 4. FROJECT TITLE PREDATOR VARIOUS FACILITIES 5. PROGRAM ELEMENT 6. CATEGORY CODE 7. PROJECT NUMEER 8. FROJECT COST (\$000) 35219 218-712 LKTC063103R2 26,000 26,000 218-712 LKTC063103R2 26,000 26,000 218-712 LKTC063103R2 26,000 26,000 218-712 LKTC063103R2 26,000 26,000 218-712 LKTC063103R2 26,000 208-712 218-712 LKTC063103R2 26,000 218-712 LKTC063103R2 26,000 208-712 218-712 LKTC063103R2 26,000 218-712 LKTC063103R2 26,000 218-712 LKTC063103R2 26,000 15% 35219 Coll Date Design Started 01-NOV-05 15% (c) Date 35% Designed 01-NOV-05 (c) Date 35% Designed 01-NOV-05 (c) Date 35% Designed analysis was/will be performed NO (d) Contract (c) = (a) + (b) or (d) + (e): (e) In-house 200 (e) In-house (f) Construction Contract Award (f) Construction Contract Award (f) Construction Completion (f) Construction Completion (g) 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 	AIR FORCE		(compute	er gener	ated)		
REECH AIR FORCE BASE, NEVADA PREDATOR VARIOUS FACILITIES 5. PROGRAM ELEMENT 6. CATEGORY CODE 7. PROJECT NUMBER 8. PROJECT COST (\$000) 35219 218-712 LKTCO63103R2 26,000 12. SUPPLEMENTAL DATA: . . . a. Estimated Design Data: (1) Status: (a) Date Design Started (d) Date 35% Designed 01-NOV-05 (e) Dercent Complete as of 01 JAN 2006 (d) Date 35% Designed .01-NOX-05 . <	3. INSTALLATIO	ON AND L	OCATION		4. PROJECT	TITLE	
5. PROGRAM ELEMENT 6. CATEGORY CODE 7. PROJECT NUMBER 8. PROJECT COST (\$000) 35219 218-712 LKTC063103R2 26,000 12. SUPPLEMENTAL DATA: . Estimated Design Data: 1. 1. 1. Status: . Estimated Design Started 01-NOV-05 1.5% (a) Date Design Started 01-NOV-05 1.5% * (d) Date 35% Designed 01-NAR-06 1.5% (e) Percent Complete as of 01 JAN 2006 1.5% * (d) Date 35% Designed 01-NAR-06 (e) Date Design Complete 01-SEP-06 (f) Energy Study/Life-Cycle analysis was/will be performed NO (d) Mare Design Was Most Recently Used - NO (b) Where Design Was Most Recently Used - (\$000) (a) Production of Plans and Specifications 1,560 (b) All Other Design Costs 780 (c) Total 2,080 (e) In-house 260 (f) Construction Contract Award 07 FEB (f) Construction Completion 09 MAR * Indicates completion of Project Provided from other appropriations: N/A * Lational executability.). Equipment associated with this project provided from other appropriations: N/A </td <td>CREECH AIR FO</td> <td>RCE BASE</td> <td>, NEVADA</td> <td></td> <td>PREDATOR VAL</td> <td>RIOUS FACILITI</td> <td>ES</td>	CREECH AIR FO	RCE BASE	, NEVADA		PREDATOR VAL	RIOUS FACILITI	ES
35219 218-712 LKTCO63103R2 26,000 12. SUPPLEMENTAL DATA:	5. PROGRAM EL	EMENT	6. CATEGORY CODE	7. PROJ	ECT NUMBER	8. PROJECT CO	ST (\$000)
<pre>12. SUPPLEMENTAL DATA: a. Estimated Design Data: (1) Status: (a) Date Design Started 01-NN 2006 15% (c) Percent Complete as of 01 JNN 2006 01-MRR-06 (e) Date 3% Designed 01-MRR-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 2,2,340 (d) Contract 2,080 (e) In-house 260 (4) Construction Contract Award 07 FEE (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</pre>	35219		218-712	LKTC	063103R2	26,	,000
<pre>(1) Status: (a) Date Design Started 01-NOV-05 (b) Parametric Cost Estimates used to develop costs VES * (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 1,550 (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 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</pre>	12. SUPPLEMEN a. Estimate	TAL DATA d Design	: Data:				
 (a) Date Design Statute (b) Parametric Cost Estimates used to develop costs (c) Percent Complete as of 01 JAN 2006 (d) Date 3% Designed (e) Date Design Complete (f) Energy Study/Life-Cycle analysis was/will be performed (f) Energy Study/Life-Cycle analysis was/will be performed (g) Date Design Complete (h) Standard or Definitive Design - (h) Where Design Was Most Recently Used - (g) Total Cost (c) = (a) + (b) or (d) + (e): (g) Total Cost (c) = (a) + (b) or (d) + (e): (g) Total Cost (c) = (a) + (b) or (d) + (e): (g) Total Cost (c) = (a) + (b) or (d) + (e): (g) Contract (h) All Other Design Costs (h) All Other Design Costs (h) All Other Design Costs (h) Construction Contract Award (h) FFB (c) Construction Start (c) Total (c) Construction Completion (c) NAR (d) Construction Completion (e) In-house (f) Construction Completion (f) MAR (g) Construction Completion (h) 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) Statu	s:	m Startad			01	NOV OF
 (b) Farametric couplete as of 01 JAN 2006 (c) Percent Couplete as of 01 JAN 2006 (d) Date 35% Designed (e) Date Design Complete (f) Energy Study/Life-Cycle analysis was/will be performed (f) Energy Study/Life-Cycle analysis was/will be performed (g) Basis: (a) Standard or Definitive Design - (b) Where Design Was Most Recently Used - (3) Total Cost (c) = (a) + (b) or (d) + (e): (g) fotal (g) Total (g) Total Cost (c) = (a) + (b) or (d) + (e): (g) Total 	(a) Da (b) Da	re Desig	n Started Cost Estimatos usos	d to dow	alon gogta	10	-NOV-05
 (c) Percent Complete as of OI JAN 2000 01-MAR-06 (e) Date 358 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 - (b) Where Design Was Most Recently Used - (3) Total Cost (c) = (a) + (b) or (d) + (e): (\$000) (a) Production of Plans and Specifications 1,550 (b) All Other Design Costs 780 (c) Total 2,340 (d) Contract 2,080 (e) In-house 2600 (4) Construction Contract Award 07 FEB (5) Construction Completion 99 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	(D) Pa		cost Estimates used		erop costs		150
 (a) Date 35% Design Complete 01-SER-06 (b) Date Design Complete 01-SER-06 (f) Energy Study/Life-Cycle analysis was/will be performed NO (2) Basis: (a) Standard or Definitive Design - (b) Where Design Was Most Recently Used - (3) Total Cost (c) = (a) + (b) or (d) + (e): (\$000) (a) Production of Plans and Specifications 1,550 (b) All other Design Costs 780 (c) Total (Contract 2,340 (d) Contract 2,340 (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	* (C) Pe	rcent Co	mpiete as or or JAN	2006		01	15 %
 (e) Date Design Complete (f) Energy Study/Life-Cycle analysis was/will be performed NO (2) Basis: (a) Standard or Definitive Design - (b) Where Design Was Most Recently Used - (3) Total Cost (c) = (a) + (b) or (d) + (e): (\$000) (a) Production of Plans and Specifications (b) All Other Design Costs (c) Total (d) Contract (e) In-house (f) Construction Contract Award (f) Construction Completion (g) 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	^ (d) Da	.te 35% L				01	-MAR-06
 (1) Energy Study/Life-Cycle analysis was/will be performed NO (2) Basis: (a) Standard or Definitive Design - (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 99 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 	(e) Da	te Desig	n Complete			LU 	-SEP-06
 (2) Basis: (a) Standard or Definitive Design - (b) Where Design Was Most Recently Used - (3) Total Cost (c) = (a) + (b) or (d) + (e): (4) Controt (5) Construction of Plans and Specifications (6) Contract (7) Total (7) Total (8) In-house (9) In-house (10) Construction Contract Award (11) Construction Completion (12) MAR (13) Construction Completion (14) Construction Completion (15) Construction Completion (16) Construction Completion (17) MAR (16) Construction Completion (17) MAR (17) 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 	(İ) En	ergy Stu	dy/Life-Cycle analys	sis was/t	will be pert	ormed	NO
 (a) Standard of Definitive Design - No (b) Where Design Was Most Recently Used - (c) 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 2,340 (e) In-house 260 (e) In-house 260 (f) Construction Contract Award 77 FEB (f) Construction Start 77 MAR (f) Construction Completion 99 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 	(2) Basis	:					20
 (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 99 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 	(a) St (b) Wh	andard d ere Desi	gn Was Most Recently	- y Used -			NO
 (a) Production of Plans and Specifications (b) All Other Design Costs (c) Total (d) Contract (e) In-house (e) In-house (f) Construction Contract Award (f) Construction Start (f) Construction Completion (f) Construction Completion (f) Construction Completion (f) Construction Completion (f) Construction of Project Definition with Parametric Cost Estimate which is comparable to traditional 35% design to ensure valid scope, cost and executability. (f) Equipment associated with this project provided from other appropriations: N/A 	(3) Total	Cost (c	:) = (a) + (b) or (d)) + (e):			(\$000)
 (b) All Other Design Costs (c) Total (d) Contract (e) In-house (e) In-house (f) Construction Contract Award (f) Construction Start (f) Construction Completion (f) Construction Completion (f) Construction of Project Definition with Parametric Cost Estimate which is comparable to traditional 35% design to ensure valid scope, cost and executability. (f) Equipment associated with this project provided from other appropriations: N/A 	(a) Pr	oduction	of Plans and Specif	fication	S		1,560
 (c) Total (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 	(b) Al	1 Other	Design Costs		-		780
 (a) Contract (b) Construction Contract Award (c) Construction Contract Award (c) Construction Start (c) Construction Completion (c) Construction Completion (c) Construction of Project Definition with Parametric Cost Estimate which is comparable to traditional 35% design to ensure valid scope, cost and executability. (c) Equipment associated with this project provided from other appropriations: N/A 	(c) To	tal					2.340
 (c) function (e) In-house (f) Construction Contract Award (f) Construction Start (f) Construction Completion (f) Construction Completion (f) Construction Completion (f) Construction Completion (f) MAR (f) Construction Completion of Project Definition with Parametric Cost Estimate which is comparable to traditional 35% design to ensure valid scope, cost and executability. (f) Equipment associated with this project provided from other appropriations: N/A 	(d) Co	ntract					2,080
 (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 	(e) In	-house					260
(5) Construction Start 07 MAR (6) Construction Completion 09 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	(4) Const	ruction	Contract Award				07 FEB
 (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 	(5) Const	ruction	Start				07 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 	(6) Const	ruction	Completion				09 MAR
b. Equipment associated with this project provided from other appropriations: N/A	* Indicat which i cost an	es compl s compar d execut	etion of Project Def able to traditional ability.	Einition 35% desi	with Parame ign to ensur	tric Cost Esti e valid scope,	mate
	b. Equipmen N/A	t associ	ated with this proje	ect provi	ided from ot	her appropriat	ions:

1. COMPONENT	·	FY	2007 MII	LITARY	CONSTR	UCTION	PROGF	۸AM	2. DATE	
AIR FORCE		<u>i </u>								
3. INSTALLATION A	ND LOC	ATION		4. COM	IMAND:			5. ARE	A CONST	<u>г </u>
MCGUIRE AIR FOR	CE BASE	Ξ		AIR MO	BILITY C	OMMAN	D	COST II	NDEX	
NEW JERSEY								1.18		
6. Personnel	PE	RMANE	NT	ST	UDENTS		SU	JPPORTE	D	
Strength	OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV	TOTAL
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 DAT	TA (\$000))								
Total Acreage:	3,661									
Inventory Total as of	: (30 Se	p 05)								2,746,953
Authorization Not Yet	t in Inver	itory:								55.001
Authorization Reques	sted in th	is Progra	am:							15,500
Authorization Include	d in the	Followinc	1 Program	n:	(FY 200	8)				10.200
Planned in Next Thre	e Years	Program			(0)				26.000
Remaining Deficienc	V.	r iogiai	•							181 750
Grand Total	у.									3 035 404
										0,000,404
8 PROJECTS REQ	UFSTED	IN THIS	PROGE	AW:		(FY 200	7)			
CATEGORY	020.22			0		(, ,	•)	COST	DESIGN	STATUS
CODE		ד דודו F	:			SCOPE		\$ 000	START	CMPI
111-111	C-17 NF	I andinc	<u>.</u> 17006			45 764	SM	$\frac{\psi,000}{15,500}$	lun-05	<u>Sen-06</u>
111-111	U-17 NE Landing Zone 45,764 SM 15,500 Jun-05 Sep-0							06h-00		
							IUIAL	13,300		
9a Euture Projects:	Includer	1 in the F	ollowing	Program	· (F	Y2008)				
		IF Cente	onown	Tiogram	·· ··	4 000	SM	10 200	I	
	10001					1,000	Civi	10,200	-	
9b. Future Projects:	Typical	Planned	Next Thr	ee Years	s:					
422-264	Munition	s Storag	e Area	00 100.0		1.932	SM	10.000	1	
730-835	Unified {	Security I	Forces O	neration	s Fac	3.520	SM	16.000	1	
100 000	Uninea .	Jooung .	01000 0	porudo	5140	0,020	0.01	10,000		
							TOTAL	26,000	1	
							1017.2	20,000		
9c. Real Property Ma	aintenan	ce Backle	og This Ir	nstallatio	n (\$M)					165
	:			·	<u> </u>			<u> </u>		
10. Mission or Major	Function	ns: Team	McGuire	e consiste	s of the A	ir Mobility	y Wartar	e Center,	, 21st ヒxp	beditionary
Mobility Task Force,	305th Air	Mobility	Wing, 51	14th Air N	Vobility V	/ing (Air I	Force Re	eserve Co	ommand)	, 108th Air
Refueling Wing (New	/ Jersey /	Air Natio								
11 Outstanding poll	ution and	l Safety (eficienci	oc).					
		Toalog (001772	Choicher	637.					
a Air pollution								0	1	
b Water Pollutio	n							0	1	
Di Wator i onado										
c Occupational	Safety ar	nd Health	۱					0	i	
0. 0000pullonal	Saloty a.	iu ricaia.	1							
d Other Environ	mental							0	i	
	Inome.							-		

1. COMPONENT AIR FORCE		FY 2007 MILITARY (compu	CONSTRU	CTION erate	N PROJECT	DATA	2. DATE		
3. INSTALLATION	AND L	OCATION -		4. PI	ROJECT TT	FLE	1		
MCGUIRE AIR FOR	RCE BAS	E, NEW JERSEY		C-17	NE LANDI	IG ZONE			
5. PROGRAM ELEM	MENT	6. CATEGORY CODE	7. PROJ	OJECT NUMBER 8. PROJECT COST (\$000)					
41130		111-111	PTF	L033	011A	15,	500		
		9. COS1	r estim	ATES					
						UNIT	COST		
		ITEM		U/M	QUANTITY				
C-17 NE LANDING ZONE 14,046									
LANDING ZONE				SM	29,264	320	(9,376)		
AIRFIELD LIGHTIN	NG AND M	ARKERS		LS			(1,155)		
REPAIR RUNWAY				SM	8,400	188	(1,579)		
CONSTRUCT CONNEC	CTING TA	XIWAY		SM	3,500	185	(648)		
CONSTRUCT PCC TU	JRNAROUN	D		SM	4,600	280	(1,288)		
SUPPORTING FACILI	TIES						0		
SUBTOTAL							14,046		
CONTINGENCY	(5.0%)					702		
TOTAL CONTRACT CC	ST						14,748		
SUPERVISION, INSP	ECTION 2	AND OVERHEAD	(5.7%)				841		
TOTAL REQUEST						-	15,589		
TOTAL REQUEST (RC	UNDED)						15,500		
EQUIPMENT FROM OT	HER APPI	ROPRIATIONS (NON-ADD)					(2,500.0)		
10. Description Zone (LZ) at La concrete touchd airfield markin End of LZ to concorrete turnar	n of Pr kehurst owns an g patte nnect t ound (3	oposed Construction NAES, NJ. Constru d 300' overruns) pa rns and lights, rep o existing runway, 00'X165').	a: Cons action in arallel pair a po and upg:	truct nclud to an ortic rade	a C-17 N les: New I nd 100 yar on of RW 1 24 end of	Northeast (NE) Z (3500'X90' ds from RW 06 5/33, new tax existing run	Landing LZ w/500' /24, add iway at 24 way with		
11. Requirement	: 45764	SM Adequate: 0	SM SI	ubsta	ndard: 13	000 SM			
PROJECT: C-17	Northea	st Landing Zone (LZ	Z). (Ne	w Mis	ssion)				
REQUIREMENT: A	n LZ is	required to conduc	t aircr	ew tr	aining fo	or contingency	operations		
to support East	Coast	C-17/C-130 Units, A	ir Mobi	lity	Warfare C	enter, and the	e USAF		
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 in	stallat	ions.	remire	d +~~	ining er	nte will need	to be		
DD FORM 1391.	EC 99	Previous ed	itions a	are o	bsolete	TICS WIII HEED	Page No.		

1. COMPONENT		FY 2007 MILITARY CONSTRUCTION PROJECT DATA 2. DATE							
AIR FORCE		(computer generated)							
3. INSTALLATIC	N AND LO	AND LOCATION 4. PROJECT TITLE							
MCGUIRE AIR FO	ORCE BASE, NEW JERSEY C-17 NE LANDING ZONE								
5. PROGRAM ELE	MENT	6. CATEGORY CODE	7. PRO	JECT NUMBER	8. PROJECT CO	ST (\$000)			
41130		111-111	PTFL033011A 15,500						

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.

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. JOINT USE CERTIFICATION: This facility is programmed for joint use with the US Navy; however, it is fully funded by the Air Force.

1. COMPONENT		FY 2007 MILITARY	CONSTRUC	TION PROJECT	DATA	2. DATE			
AIR FORCE		(2011)	uter gene						
3. INSTALLATIO	ON AND LOO	CATION		4. PROJECT 1	TITLE				
MCGUIRE AIR FO	ORCE BASE	NEW JERSEY		C-17 NE LANI	DING ZONE				
5. PROGRAM EL	EMENT	6. CATEGORY COD	E 7. PRO	JECT NUMBER	8. PROJECT CO	ST (\$000)			
41130		111-111	PTI	L033011A	15,	500			
12. SUPPLEMEN	TAL DATA:								
a. Estimate	d Design :	Data:							
(1) Status:									
(a) Da	te Design	Started			01	-JUN-05			
(b) Pa	rametric	Cost Estimates us	sed to de	velop costs		YES			
* (c) Pe	ercent Com	plete as of 01 J	AN 2006			35 %			
* (d) Da	te 35% De	signed			30	-SEP-05			
(e) Da	te Design	Complete			- 30	-SEP-06			
(f) En	ergy Stud	y/Life-Cycle ana	lysis was	will be perf	ormed	YES			
(2) Basis	:								
(a) St	andard or	Definitive Desig	gn -			NO			
(b) Wh	ere Desig	n Was Most Recent	tly Used	-					
(3) Total	Cost (c)	= (a) + (b) or (a)	(d) + (e):			(\$000)			
(a) Pr	Oduction	or Plans and Spec	CITICATIO	ns		930			
(D) A1	t Other D	esign costs				405			
(d) (d)	ontract					1,240			
(e) In	house					155			
(4) Const	ruction Co	ontract Award				07 JAN			
(5) Const	ruction S	tart				07 FEB			
(6) Const	ruction C	ompletion				08 AUG			
* Indicat which i cost an	es comple s compara d executa	tion of Project I ble to traditiona bility.	Definition al 35% des	n with Parame sign to ensur	tric Cost Esti e valid scope,	mate			
b. Equipmen	t associa	ted with this pro	oject prov	vided from ot	her appropriat	ions:			
EOUIPMEN	r nomencla	TURE	PROCURIN APPROPRIA	FISCA G APPRO FION OR RE	AL YEAR DPRIATED COUESTED	COST (\$000)			
ENVIDONN			2400		2000	1 (50)			
ENVIRONM	ENTAL STUL	JIES	3400	4	2006	1,650			
CRASH FI	RE RESCUE	VEHICLE	3080	2	2007	850			

1. COMPONENT		FY 200)7 MILI	TARY C	CONSTR	RUCTIO	N PROG	RAM	2. DATE	
AIR FORCE										
3. INSTALLATION A	AND LOCATION 4. COMMAND: 5. AREA CONST									
ALTUS AIR FORCE	BASE			AIR ED	UCATIO	ON AND		COST IN	IDEX	
OKLAHOMA				TRAIN	ING CO	MMAND)	0.97		
6. Personnel	PE	PERMANENT STUDENTS SU						PPORTE	D	
Strength	OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV	TOTAL
AS OF 30 SEP 05	288	1321	1244	17	20	3,453				
END FY 2010	289 1320 1277 290 135 0							17	20	3,363
7. INVENTORY DA	TA (\$000)			I						
a. Total Acreage:	7.951									
b. Inventory Total as	of: (30	Sep (05)								1,174,309
c Authorization Not	Yet in Inv	entory.								32 006
d Authorization Rec	uested in	this Progr	am.		(FY 200)7)				1,500
e Authorization Inclu	uded in th	e Followin	a Proa	ram.	(FY 200)8)				1,000
f Planned in Nevt T	hree Vea	rs Program	n. 103	ram.	(11200	,0)				31 300
a Remaining Deficie		is i logiai								40 300
g. Remaining Denois b. Crond Total:	ency.									40,300
n. Granu Tolai.										1,290,022
				ΛN/-			(EV 200	7)		
	UESTED		NUGN	AIVI.			(F1 200	() COST		STATUS
		ד דודו ר						¢ 000	OFADT	CMD
	PROJEC	<u>, I IIILE</u>				<u>300PE</u>		<u>\$,000</u>	START	
851-147	DAR - Re	epair MCQ	ueen R	090		12,878	LIVI	1,500	Jun-05	Sep-06
				_		Iotal		1,500		
9a. Future Projects:	Included	in the Foll	owing	Program	า:	(FY)	2008)			
	NONE									
9b. Future Projects:	Typical F	Planned Ne	ext Thr	ee Year	S:					
219-944	BCE Cor	nplex Pha	se 3			2,309	SM	4,000		
724-417	Visitor's	Quarters, I	Ph1			6,851	SM	18,400		
134-375	Const Co	onsol DAS	R/OSS			4,400	SM	8,900		
						Total		31,300		
9c. Real Property M	aintenanc	e Backlog	This Ir	nstallatio	on (\$M)					121
10. An air mobility wi	ng with oi	ne C-5 squ	ladron,	one C-	17squad	dron, and	d one KC	C-135 air	refueling	squadron
responsible for training	ng all C-5	, C-17, and	d KC-1	35 aircre	ews in th	ne Air Fo	orce.		-	
	0									
11. Outstanding poll	ution and	Safety (O	SHA) D	Deficienc	cies:					
a. Air pollution			, -					0		
b Water Pollutio	n							0		
	••							Ũ		
c. Occupational										
c. Occupational	Safetv an	d Health						٥		
	Safety an	d Health						0		
d Other Environ	Safety an	d Health						0		
d. Other Environ	Safety an mental	d Health						0 0		

1. COMPONENT		FY 2007 MILITARY	CONSTRU	JCTION	I PROJECT	DATA	2. DATE	
AIR FORCE	(computer generated)							
3. INSTALLATIO	N AND L	OCATION		4. P	ROJECT TI	TLE		
ALTUS AIR FORC	E BASE,	OKLAHOMA		DAR ·	- REPAIR	MCQUEEN ROAD		
5. PROGRAM ELE	MENT	6. CATEGORY CODE	7. PRO	JECT 1	NUMBER	8. PROJECT CC	ST (\$000)	
85796		851-147	AG	GN023	002	1,5	00	
		9. COS	r estii	MATES	•			
		ITEM		U/M	QUANTITY	UNIT	COST	
DAR -REPATR MCOIL	FFN POAD						1 172	
RECONSTRUCT ROA	D			ГМ	12,878	91	(1,172)	
SUPPORTING FACIL	ITIES						180	
SITE IMPROVEMEN	ITS			(180)				
SUBTOTAL							1,352	
CONTINGENCY	(5.0%)					68	
TOTAL CONTRACT C	OST						1,419	
SUPERVISION, INS	PECTION	AND OVERHEAD	(5.7%)				81	
TOTAL REQUEST							1,500	
TOTAL REQUEST (R	OUNDED)						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. Stablize subgrade, install base course and asphalt. Remove and repair all +60 year old concrete culverts and headwalls.								
11. Requirement	: 12878	LM Adequate: 0	LM S	ubsta	ndard: 12	2878 LM		
PROJECT: Recor	nstruct	the county roads le	ading t	to the	Sooner i	Drop Zone.		
REQUIREMENT: S	Sooner d	lrop zone is a vital	. traini	.ng ar	ea. Road	d reconstruction	on is	
required to acc	commodat	e increased militar	y train	ning a	nd subse	quent 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								
IMPACT IF NOT H	PROVIDEI	: This road to the	e Sooner	Drop	Zone is	vital to the	Altus Air	
Force mission. row airdrop tra- land acquisitio 2008. The inco- retrieve cargo, ADDITIONAL: A (status quo, re- operational rec	This of aining h on. The cease ir , causir prelimi enovatio quiremen	drop zone supports of has caused cargo to a C-17 mission is pr missions increases ng more use of the r inary analysis of re on, new construction hts. Because of thi	combat t land ou cojected s the nu coad dur easonabl n) indic is a ful	traini at of to i mber ring a le opt cates ll ecc	ing for C the area increase of trips all types tions for that ren ponomic an	-17. The adve , necessitatin from 11 aircra to the drop z of weather. accomplishing ovation will m alysis was not	nt of dual g additional ft to 15 by one area to this project eet performed.	
DD FORM 1391, D	EC 99	Previous ed	itions	are o	bsolete.	1	Page No.	

1. COMPONENT		FY 2007 MILITARY	CONSTRU	JCTION PROJECT	DATA	2. DATE				
AIR FORCE		(compu	(computer generated)							
3. INSTALLATIO	N AND LO	OCATION		4. PROJECT TI	TLE					
ALTUS AIR FORC	E BASE,	OKLAHOMA		DAR - REPAIR	MCQUEEN ROAD					
5. PROGRAM ELE	SMENT	6. CATEGORY CODE	7. PRO	JECT NUMBER	8. PROJECT CO	ST (\$000)				
85796		851-147	AC	GN023002	1,50	00				
A certificate (Freerks (580)	of exemp 481-5138	otion has been prepa 8. 12,878 LM = 42,	ared. 1 ,225 LF	Base Civil Eng	ineer: Lt Col F	Carl L.				
JOINT USE CERT	IFICATIO	N: This facility ca	an be u	sed by other c	omponents on ar	as				
available" bas	is, howe	ever, the scope of t	the pro	ject is based	on Air Force re	equirements.				

1. COMPONENT		FY 2007 MILITARY C	ONSTRUCTION PROJECT	DATA	2. DATE
		OCATION			
S. INSTALLATIO		OCATION	4. PROJECT	FITLE	
ALTUS AIR FOR	CE BASE,		DAR - REPAIL	X MCQUEEN ROAD	
5. PROGRAM EL	EMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT CO	ST (\$000)
85796		851-147	AGGN023002	1,	500
12. SUPPLEMEN	TAL DATA	:			
a. Estimate	d Design	Data:			
(1) Statu	s:				
(a) Da	te Desig	n Started		01	-JUN-05
(b) Pa	rametric	Cost Estimates used	i to develop costs		YES
* (c) Pe	rcent Co	mplete as of 01 JAN	2006		15%
* (d) Da	te 35% I	Designed		30	-SEP-05
(e) Da	te Desig	n Complete		01	-SEP-06
(f) En	ergy Stu	dy/Life-Cycle analys	sis was/will be perf	ormed	NO
(2) Basis	:				
(2) St	• andard c	or Definitive Design	-		NO
(b) Wh	ere Desi	gn Was Most Recently	y Used -		
(2) = + - 1	Gamb (m				(\$0.00)
(3) Total	Cost (C	(a) + (b) or (d)	+ (e): Figations		(\$000)
(a) Pr (b) Al	0 Other	Design Costs	lications		90 45
(C) TC	tal	Design Costs			135
(d) Co	ntract				112
(e) In	-house				23
(4) Const	ruction	Contract Award			07 JAN
(5) Const	ruction	Start			07 MAR
(6) Const	ruction	Completion			08 JUN
* Indicat which i cost an	es compl s compar d execut	etion of Project Def able to traditional ability.	inition with Parame 35% design to ensur	tric Cost Esti e valid scope,	mate
b. Equipmen N/A	t associ	ated with this proje	et provided from ot	her appropriat	ions:

1. COMPONENT		FY 200	7 MILI	TARY (CONST	RUCTIO	N PROC	JRAM	2. DATE	<u>í</u>	
AIR FORCE											
3. INSTALLATION A	AND LOC	ATION		4. CO	MMANE):		5. ARE/	A CONST		
SHAW AIR FORCE	BASE,		I	AIR CC	ЭМВАТ	COMMA	COST IN	COST INDEX			
SOUTH CAROLINA								0.83	0.83		
6. Personnel	PE	RMANENT		S	TUDEN	TS	SU	JPPORTE	D		
Strength	OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV	TOTAL	
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	
 INVENTORY DA Total Acreage: Inventory Total as Authorization Not Authorization Rec Authorization Incl Planned in Next F Remaining Deficit Grand Total: 	TA (\$000) s of : (30 Yet in Inv uested in uded in th our Years ency:	3,427 Sep 04) /entory: I this Progr I Followin Program:	am: g Prog ?ROGR	ram:	(FY 204	08)	(FY 200)7)		1,266,025 23,000 22,058 15,600 42,543 53,200 1,422,426	
CATEGORY							,	COST	DESIGN	STATUS	
CODE	<u>PROJEC</u>	<u>T TITLE</u>				<u>SCOPE</u>	<u>:</u>	\$,000	<u>START</u>	CMPL	
721-312	Dormitor	y (144 RM))			4,752	SM	16,000	May-05	Sep-06	
218-712	Aerospa	ce Ground	Equipr	nent Sh	iop/Stor	; 3319	SM	6,200	Sep-05	Sep-06	
9a. Future Projects: 721-312	Included Replace	in the Foll Dormitory	owing I (144 R	Progran M)	n:	(FY) 4,752	2008) SM	15,600	1		
9b. Future Projects:	Typical F	Planned Ne	ext Fou	r Years							
/40-6/4			:	2010000		12,199	SM	24,000			
113-321		Se Alert A			nis	30,492 4 624	SIVI	0,∠4J 10,200			
141-404			Onenti	Теацуи	aners	4,004	Sivi	10,300			
9c. Real Propery Ma	aintenance	e Backlog	This Ins	stallatio	n:		63				
10. Mission or Major aircraft.	r Function	ıs: Headqu	Jarters	9th Air	Force; a	and the 2	20th Figh	iter Wing	operating	F-16	
11. Outstanding Pol a. Air pollution	lution and	Safety (O	SHA D	eficienc	ies):						
b. Water Pollutic	ิท										
c. Occupational	Safety an	d Health									
d. Other Enviror	imental										

1. COMPONENT		FY 2007 MILITARY	CONSTRU	JCTION	I PROJECT	DATA	2. DATE	
AIR FORCE		(compu	iter gei	erate	ed)			
3. INSTALLATIO	N AND L	OCATION		4. PI	ROJECT TI	TLE	·	
SHAW AIR FORCE	BASE,	SOUTH CAROLINA		DORMITORY (144 RM)				
5. PROGRAM ELE	MENT	6. CATEGORY CODE	7. PRO	JECT 1	NUMBER	8. PROJECT C	OST (\$000)	
27596		721-312	VI	SB083	006	16	,000	
		9. COS	T ESTII	MATES	· · · · · · · · · · · · · · · · · · ·			
		ITEM		U/M	QUANTITY	UNIT	COST	
					-			
DORMITORY							9,661	
DORMITORY (144	RM)			SM	4,752	2,000	(9,504)	
ANTITERRORISM/F	ORCE PRO	TECTION		SM	4,752	33	(157)	
SUPPORTING FACIL	ITIES						4,655	
UTILITIES				LS			(1,157)	
PAVEMENTS				LS			(550)	
SITE IMPROVEMEN	TS			LS			(708)	
DEMOLITION/ASBE	STOS ABA	TEMENT		SM	4,689	210	(985)	
COMMUNICATIONS	SUPPORT			LS			(132)	
ASBESTOS ABATEM	ENT			LS			(850)	
SPECIAL FOUNDAT	ION (SEI	SMIC/WIND)		LS			(273)	
SUBTOTAL							14,316	
CONTINGENCY	(5.0%)					716	
TOTAL CONTRACT C	OST					-	15,031	
SUPERVISION, INS	PECTION	AND OVERHEAD	(5.7%)				857	
TOTAL REQUEST						-	15,888	
TOTAL REQUEST (R	OUNDED)						16,000	
EQUIPMENT FROM O	THER APP	ROPRIATIONS (NON-ADD)					(729.0)	
10. Descriptio	on of Pr	coposed Construction	n: Reir	force	d concret	e foundation	and floor	
slabs, brick ma	asonry w	alls, standing seam	n metal	roof,	fire det	ection/prote	ction,	
special foundat	ions fo	or seismic requireme	ents, ut	iliti	.es, paver	ments, site p	reparation,	
parking, access	s road,	communication suppo	ort, dem	oliti	on of two	facilities	(4,689 SM),	
asbestos abatem	nent, ar	d all other necessa	ry supp	ort.	Force pr	otection will	l comply with	
DOD standards,	to incl	ude reinforced exte	erior an	id tul	ly lamina	ited windows.		
Air Conditionir	ng: 30	0 Tons Grade Mix: H	31-E4 -	144				
11. Requirement	: 788 F	Adequate: 0 RM	1 Suk	stand	ard: 111(RM		
PROJECT: Const	truct Do	ormitory (144 RM).	(Currer	nt Mis	ssion)			
REQUIREMENT: Z	A major	Air Force objective	e is to	provi	.de unacco	mpanied enlig	sted personnel	
with housing co	onducive	e to their proper re	est, rel	axati	on, and p	personal well	-being.	
successful acco	molishm	ent of the increasi	ngly co	mplic	ated and	important io	os these	
Airmen must per	form.				unu			
CURRENT SITUAT	ION: Th	e Air Force Dormito	ory Mast	er Pl	an establ	lished the ne	ed for a	
replacement dor	mitory.	Facility condition	on asses	sment	s determi	ned Shaw's d	ormitories are	
degraded and re	legraded and require replacement. These dormitories were built in the 1950s and are							
inadequate in s	nadequate in size and function by current standards. The dormitories being replaced							
are plagued wit	re plagued with inadequate heating and air conditioning systems; poor drainage of							
and expensive t	o locat	e repair parts: ind	lividual	. room	ns lack th	ne ability to	control	

1. COMPONENT		FY 2007 MILITARY CONSTRUCTION PROJECT DATA 2. DATE								
AIR FORCE			(comp	outer ge	iter generated)					
3. INSTALLATIC	. INSTALLATION AND LOCATION			4. PROJECT TITLE						
SHAW AIR FORCE	E BASE, SOUTH CAROLINA DORMITORY (144 RM)									
5. PROGRAM ELE	EMENT	6. CATEC	GORY CODE	E 7. PROJECT NUMBER 8. PROJECT COST (\$0						
27596		721	-312	VLSB083006 16,000						

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.

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.

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. Unacompanied 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).

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 requirments.

1. COMPONENT AIR FORCE		FY 2007 MILITAR	Y CONSTRUC	IION PROJECT	DATA	2. DATE				
				4. PROJECT 1						
SHAW AIR FORC	E BASE,	SOUTH CAROLINA		DORMITORY (1	.44 RM)					
5. PROGRAM EL	EMENT	6. CATEGORY CO	DE 7. PRO	JECT NUMBER	8. PROJECT CO	ST (\$000)				
27596		721-312	VL	SB083006	16,	000				
12. SUPPLEMENTAL DATA:										
a. Estimate	a. Estimated Design Data:									
(1) Status:										
(a) Da	te Desig	n Started	uned to det	rolon gogta	02	-MAY-05				
(D) Pa	ranet Co	$= \cos t + \sin t = \sin t + \sin t = \sin t + \sin t = \sin t + \sin t = \sin $	ISEA LO GEN	erop costs		IES 15%				
* (d) Da	+ 25% T	Mesigned	JAN 2000		02	13% -AIIG-05				
(e) Da	te Desig	n Complete			15	-SEP-06				
(f) En	ergy Stu	dv/Life-Cvcle and	alvsis was	will be perfo	ormed	YES				
(-,	J1									
(2) Basis	:									
(a) St	andard c	or Definitive Desi	ign -			NO				
(b) Wh	ere Desi	gn Was Most Recen	ntly Used –	•						
(3) Total	Cost (c) = (a) + (b) or	(d) + (e):			(\$000)				
(a) Pr	oduction	of Plans and Spe	ecification	ns		960				
(b) Al	l Other	Design Costs				480				
(c) To	tal					1,440				
(d) Co	ntract					1,200				
(e) In	-house					240				
(4) Const	ruction	Contract Award				07 JAN				
(5) Const	ruction	Start				07 FEB				
(6) Const	ruction	Completion				08 DEC				
* Indicat which i cost an	es compl s compar d execut	etion of Project able to traditior ability.	Definitior nal 35% des	with Paramet	tric Cost Esti e valid scope,	mate				
b. Equipmen	t associ	ated with this pr	roject prov	ided from oth	ner appropriat	ions:				
EQUIPMENT	nomenci	LATURE	PROCURIN APPROPRIAT	FISCA G APPRO CION OR RE	AL YEAR PRIATED QUESTED	COST (\$000)				
EQUIPMENT	AND FUE	RNITURE	3400	2	2007	720				
COMMUNIC	ATIONS CU	JTOVER	3400	2	2007	2				
OTHER COMMINICATIONS EQUITEMENT 3400 2207 7										
		-								

1. COMPONENT		FY 2007 MILITARY	CONSTRU	JCTION	N PROJECT	DATA	2. DATE		
AIR FORCE		(computer generated)							
3. INSTALLATIO	N AND L	OCATION		4. PROJECT TITLE					
SHAW AIR FORCE	E BASE,	SOUTH CAROLINA		AEROSPACE GROUND EQUIPMENT					
5. PROGRAM ELE	MENT	6 CATEGORY CODE	7. PRO						
		U. CATEGORI CODE	/ 180		NOTIDEIX				
27596		218-712	VI	SB083	3001	6	,200		
		9. COS	T ESTI	MATES	1				
		ITEM		U/M	QUANTITY	UNIT	COST		
AEROSPACE GROUND	EQUIPME	NT SHOP/STORAGE					4,948		
AEROSPACE GROUN	D EQUIPM	IENT SHOP/STORAGE		SM	3,319	1,484	(4,925)		
ANTITERRORISM/F	ORCE PRO	TECTION		SM	3,319	7	(23)		
SUPPORTING FACIL	ITIES						562		
UTILITIES				LS			(83)		
PAVEMENTS				LS			(154)		
SITE IMPROVEMEN	ITS			LS			(5)		
DEMOLITION				SM	1,265	154	(195)		
COMMUNICATIONS	SUPPORT			LS			(21)		
SPECIAL FOUNDAT	ION (SEI	SMIC/WIND)		LS			(105)		
SUBTOTAL							5,511		
CONTINGENCY	(5.0%)					276		
TOTAL CONTRACT C	OST						5,786		
SUPERVISION, INS	PECTION	AND OVERHEAD	(5.7%)				330		
TOTAL REQUEST							6,116		
TOTAL REQUEST (R	OUNDED)						6,200		
EQUIPMENT FROM O	THER APP	ROPRIATIONS (NON-ADD)					(509.0)		
10. Descriptio	on of Pr	oposed Construction	n: Rein	force	ed concret	e foundation	, concrete		
slab, structura	al steel	frame, standing se	eam meta	l roc	of, split	-face block,	utilities,		
site improvemen	nts, lar	dscaping, pavements	s, parki	.ng, f	ire dete	ction/protect	ion,		
support Faci	support lity wil	, demolition of two	tacili tandard	ties. Is for	(1,205 SI	1) and all of	ner necessary		
Air Conditioni		Tons	, cuiraur c		. 10100 p.				
11. Requirement	: 7026	SM Adequate: 213	32 SM	Subs	standard:	1265 SM			
PROJECT: Const	truct A	rospace Ground Equi	inment (Shop/Sto	rage Facility	(Current		
Mission)		Loppace Ground Lya	-pmerre	(1101)	511027 500		· (current		
REQUIREMENT: A	A facili	ty is required to c	consolid	late m	nission es	ssential task	s of		
maintenance and	l repair	of powered and non	n-powere	ed aer	cospace gi	round equipme	ent (AGE), to		
include shop sp	pace, co	overed storage and c	open sto	orage.	The sho	op space must	contain the		
necessary featu	ires for	repair and mainten	nance of	AGE,	includi	ng space for	maintenance		
evacuation syst	em. ove	es, bench stock sto erhead hoist, indoor	rage, r wash r	acter	iack test	area, exi	ompressed air		
system. The wi	idth of	the maintenance bay	/ must a	llow	for a dr:	ive-through t	raffic lane		
and include ove	erhead r	coll-up doors at the	e end of	each	n maintena	ance bay.			
CURRENT SITUAT	URRENT SITUATION: The 20 EMS AGE Production is working in two substandard buildings								
which are too s	small to	accommodate work o	on all c	of the	e differen	nt types of a	ssigned		
equipment. One	equipment. One of the facilities does not have 440-volt outlets or an overhead hoist.								
Neither buildin	ng provi	aes an indoor wash	rack or	adeq	uate bati	cery storage.	The existing		
D FORM 1391	DEC 00	Provious of	itione	are o	bsolete	Square LOL SI	Page No		
		TTEATORS ED		<u>are</u> 0	~DOTCCC.		- uge no.		

1. COMPONENT AIR FORCE	FY 2007 MILITARY CONSTRUCTION PROJECT DATA (computer generated)						2. DATE
3. INSTALLATION AND LOCATION 4					4. PROJECT TITLE		
SHAW AIR FORCE BASE, SOUTH CAROLINA				AEROSPACE GROUND EQUIPMENT SHOP/STORAGE			
5. PROGRAM ELE	MENT 6. CATEGORY CODE		7. PROJECT NUMBER		8. PROJECT COST (\$000)		
27596	218-712		VI	LSB083001	6,200		

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.

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.

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)

JOINT USE CERTIFICATION: Mission requirements, operational considerations, and location are incompatible with use by other components.
1. COMPONENT FY 2007 MILITARY CONSTRUCTION PROJECT DATA 2. DATE											
AIR FORCE		(comput	er gene	rated)						
3. INSTALLATIO	ON AND LO	OCATION			4. PROJECT	TITLE					
SHAW AIR FORCI	E BASE, S	SOUTH CAROLINA	A		AEROSPACE O	ROUND EQUIPMEN	T				
5. PROGRAM EL	EMENT	6. CATEGORY	CODE	7. PRO	JECT NUMBER	8. PROJECT CC	ST (\$000)				
27596		218-712	2	VL	SB083001	б,	200				
12. SUPPLEMEN	TAL DATA	:				-					
a. Estimate	d Design	Data:									
(1) Statu	s:										
(a) Da	te Desig	n Started				26	S-SEP-05				
(b) Pa	rametric	Cost Estimat	es used	l to dev	elop costs		YES				
* (c) Pe	rcent Co	mplete as of	01 JAN	2006			15%				
* (d) Da	te 35% D	esigned				07	-NOV-05				
(e) Da	te Desig	n Complete				30)-SEP-06				
(f) Energy Study/Life-Cycle analysis was/will be performed YES											
(2) Basis	:										
(<u>_</u> , <u>_u</u> (a) St	(2) Basis:										
(b) Where Design Was Most Recently Used -											
(3) Total	(3) Total Cost (c) = (a) + (b) or (d) + (e): $($000)$										
(a) Production of Plans and Specifications 630											
(b) Al	1 Other	Design Costs	•				315				
(c) To	tal	-					945				
(d) Co	ntract						840				
(e) In	-house						105				
(4) Const	ruction (Contract Award	1				06 DEC				
(5) Const	ruction	Start					07 FEB				
(6) Const	ruction	Completion					08 FEB				
* Indicat which i cost an	es compl s compar d execut	etion of Proje able to tradit ability.	ect Def tional	inition 35% des	with Parama ign to ensu:	etric Cost Esti ce valid scope,	mate				
b. Equipmen	t associ	ated with this	s proje	ct prov	rided from o	cher appropriat	ions:				
					F T C	AL YEAR					
EQUIPMENT	NOMENCI	ATURE	P API	ROCURIN	G APPR LION OR R	OPRIATED EQUESTED	COST (\$000)				
EQUIPMENT	:			3400		2007	500				
COMM EQUI	P - LAN	SWITCHES		3400		2007	7				
COMM EQUI	P - SWIT	СН (< \$250К)		3400		2007	2				

1. COMPONENT AIR FORCE			FY	2007 MIL	ITARY CO	DNSTRU	FY 2007 MILITARY CONSTRUCTION PROGRAM 2. DATE						
3. INSTALLATION A FORT BLISS, TEXA	AND LOC S	CATION		4. COMN AIR COM	/AND: IBAT CON	MAND			5. AREA COST IN 0.95	CONST			
6. Personnel	PE	RMANE	NT	STU	DENTS				S	SUPPORTEI)		
Strength	OFF	ENL	CIV	OFF	ENL		CIV	OFF	ENL	CIV	TOTAL		
AS OF 30 SEP 05	13	127	0	0		0	0	0	0	0	140		
END FY 2010	13	127	0	0		0	0	0	0	0	140		
END FY 2010 13 127 0 0 0 7. INVENTORY DATA (\$000) a. Total Acreage: 0 0 0 b. Inventory Total as of : (30 Sep 05) 0 0 0 0 c. Authorization Not Yet in Inventory: 0 0 0 0 d. Authorization Requested in this Program: 0 0 0 0 e. Authorization Included in the Following Program: 0 0 0 0 f. Planned in Next Three Years Program: 0								(FY 2007 SM	7) COST <u>\$.000</u> 8,500	DESIGN <u>START</u> Jan-06	0 8,500 0 8,500 8,500 STATUS <u>CMPL</u> Sep-06		
9a. Future Projects: Included in the Following Program: (FY2008)													
9b. Future Projects:	Typical	Planned	Next	Three Yea	ars:								
9c. Real Propery M	aintenanc	ce Backle	og Thi	s Installati	ion (\$M)								
10. Mission or Majo	r Functio	ns: Com	mand	and contro	ol of close	air supp	ort in suppo	rt of Army	y units.				
11. Outstanding pol a. Air pollution:	lution and	d Safety	(OSH	A) Deficie	ncies:				0)			
b. Water Pollutio	on:								0)			
c. Occupational	Safety a	nd Healt	h			0							
d. Other Enviror	nmental:								0				

1. COMPONENT		FY 2007 MILITARY	CONSTRU	ICTIO	N PROJECT	DATA	2. DATE		
AIR FORCE		(compi	iter ger	ierat	ea)				
3. INSTALLATIO	N AND L	OCATION		4. P	ROJECT TI	TLE			
FORT BLISS, T	EXAS			TACP	ASOS AND	WEATHER FAC	LITY		
5. PROGRAM ELE	MENT	6. CATEGORY CODE	7. PRO	JECT	NUMBER	8. PROJECT (COST (\$000)		
27596		141-753	A	ACC070030 8,500					
		9. COS	T ESTIN	ATES	T				
				/		UNIT	COST		
		TIEW		U/M	QUANTITY				
TACP ASOS AND WE	ATHER FA	CILITY					6,340		
AIR SUPPORT OPP	RATIONS	SQUADRON/WEATHER		SM	2,721	1,910	(5,197)		
HMMWW STORAGE				SM	1,898	580	(1,101)		
ANTITERRORISM/H	ORCE PRO	DTECTION		SM	4,619	9	(42)		
SUPPORTING FACIL	TTTES			ĺ			1 342		
				TC			(330)		
DATEMENTS							(330)		
CTTE INDDOVEMEN	me						(210)		
SIIE IMPROVEMEN	15						(210)		
SUBTOTAL							7,682		
CONTINGENCY	(5.0%	;)					384		
TOTAL CONTRACT C	OST						8,066		
SUPERVISION, INS	PECTION	AND OVERHEAD	(5.7%)				460		
TOTAL REQUEST							8,525		
TOTAL REQUEST (R	OUNDED)						8,500		
10. Descriptions and all other many and fully lamin	on of Pr sonry ex /protect necessar nated with	roposed Construction aterior, standing set tion, landscaping, p ry support. Force p indows.	n: Rein eam meta parking protecti	force l roc and a .on in	ed concre of, site p access roa ncludes ro	te foundation, preparation, ad, communica einforced ext	as and floor utilities, ution support, erior walls		
Air Conditionin	ng: 1:		W Cu	hatar	dand. 0	CM			
PROJECT: Cons (Current Missie	t: 4619 truct a on)	SM Adequate: 0 S	tions So	Juadro	on (ASOS)	and Weather	Facility.		
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.									
the ASOS missio	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.								
ASOS operation	al capal	bilities. Facilitie	es will	not l	ce availa	ble to perfor	m operations		

ASOS operational capabilities. Facilities will not be available to perform operation 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		FY 2007 MILITARY	CONSTR	JCTION PROJECT	DATA	2. DATE			
AIR FORCE		(computer generated)							
3. INSTALLATIO	ION AND LOCATION 4. PROJECT TITLE								
FORT BLISS, TH	TEXAS TACP ASOS AND WEATHER FACILITY								
5. PROGRAM ELE	MENT	MENT 6. CATEGORY CODE 7. PROJECT NUMBER 8. PROJECT COS							
27596		141-753	А	CC070030	00				

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)

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					1	
1. COMPONENT		FY 2007 MILITARY C	ONSTRUC	TION PROJECT	DATA	2. DATE	
AIR FORCE		(COMput)	er gene				
3. INSTALLATIO	ON AND LO	OCATION		4. PROJECT 1	ITLE		
FORT BLISS, T	EXAS			TACP ASOS AN	ID WEATHER FAC	ILITY	
5. PROGRAM EL	EMENT	6. CATEGORY CODE	7. PRO	JECT NUMBER	8. PROJECT CO	ST (\$000)	
27596		141-753	AC	2070030	8,	500	
12. SUPPLEMEN	TAL DATA	:	-				
a. Estimate	d Design	Data:					
(1) Statu	s:						
(a) Da	te Desig	n Started			15	-OCT-05	
(b) Pa	rametric	: Cost Estimates used	d to dev	velop costs		YES	
* (c) Pe	ercent Co	mplete as of 01 JAN	2006			15%	
* (d) Da	te 35% I	Designed			05	-MAR-06	
(e) Da	te Desig	n Complete			03	-SEP-06	
(f) En	ergy Stu	dy/Life-Cycle analys	sis was,	will be perf	ormed	YES	
(2) Basis	:						
(a) St	andard c	or Definitive Design	-			YES	
(b) Wh	ere Desi	gn Was Most Recently	y Used -	-			
(3) Total	Cost (c	(a) = (a) + (b) or (d)	+ (e):	1		(\$000)	
(a) Pr	oduction	of Plans and Specif	ication	ıs		510	
(b) Al	1 Other	Design Costs				255	
(c) To	tal					765	
(d) Contract							
(e) In	-house					85	
(4) Const	ruction	Contract Award				07 FEB	
(5) Const	ruction	Start				07 MAR	
(6) Const	ruction	Completion				08 MAY	
* Indicat which i cost an	es compl s compar d execut	etion of Project Def able to traditional ability.	initior 35% des	n with Parame sign to ensure	tric Cost Esti e valid scope,	mate	
b. Equipmen N/A	t associ	ated with this proje	ect prov	vided from ot	her appropriat	ions:	

1. COMPONENT		FY 20	07 MIL	ITARY.	CONST	RUCTION	I PROG	RAM	2. DATE	
AIR FORCE										
3. INSTALLATION A	ND LOC	ATION		4. CON	MMAND			5. AREA	A CONST	
LACKLAND AIR FOR	RCE BAS	E,		AIR ED	UCATIO	on and		COST IN	IDEX	
TEXAS				TRAINI	NG CO	MMAND		0.91		
6. Personnel	PE	RMANENT	-	ST	UDENT	ſS	SU	PPORTE	D	
Strength	OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV	TOTAL
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 DAT	FA (\$000)									
a. Total Acreage:	9,799									
b. Inventory Total as	of : (30	Sep 05)								3,037,255
c. Authorization Not	Yet in Inv	entory:								92,556
d. Authorization Reg	juested in	this Progr	am:		(FY 200)7)				13,200
e. Authorization Incl	uded in th	e Followin	g Prog	ram:	(FY 200)8)				30,000
f. Planned in Next Tl	hree Year	s Program	:		,	,				183,244
g. Remaining Deficiency: 37,30								37,300		
h. Grand Total:	,								-	3,393,555
										-,,
8. PROJECTS REQ	UESTED	IN THIS P	ROGR	AM:			(FY 200	7)		
CATEGORY							、	COST	DESIGN	STATUS
CODE	PROJEC	T TITLE				SCOPE		\$,000	START	CMPL
131-111	Replace	Telecom S	witch /	Admin		5.669	SM	13.200	Desic	in-Build
						Total		13,200		,
9a. Future Projects:	Included	in the Foll	owing	Program	ו:	(FY20	008)	,		
721-312	Student I	Dormitory	5	5		300	RM	30.000		
		,				Total		30,000		
9b. Future Proiects:	Typical F	Planned Ne	ext Thre	ee Years	s:			,		
721-312	Dormitor	V				300	RM	31.000		
730-835	Security	, Forces Co	nsolida	ted Ops	Fac	3.065	SM	16,000		
721-312	Dormitor	V				300	RM	31.000		
721-312	Dormitor	, V				300 RM 31 000				
141-456	33rd IOS	, Operation	s Facil	itv		6,280 SM 17,500				
721-311	Recruit T	raining Cn	nplex. F	² h 1		19,550	SM	46,007		
217-712	Consolid	ate Crypto	logical	Mntce F	ac	1.000	SM	2.237		
171-157	Combat ⁻	Training FI	iaht			4.070	SM	8,500		
-		5	5			Total		183,244	-	
9c. Real Property Ma	aintenanc	e Backlog	This In	stallatio	n (\$M)			,		159
10 Mission or Major	Function	s [.] A trainin	a wina	which i	ncludes	Basic Mili	itary Tra	ining Sch	ool Air Ec	nrce
Security Forces Cent	ter and s	≏curity for	es crv	ntoaran	hic mair	Itenance	recruitin	a and Ai	r Force an	d Navy
food service courses	· Defense		e Institu	ite Engli	sh Lang	luade Cer	iter: Den	artment o	of Defense	Military
Working Dog Trainin	a Agency	· Inter-Ame	erican A	Air Force	es Acado	emv: an A	ir Force	Reserve	contingen	cy hospital
and training squadro	n and a r	naior Air F	orce m	edical	enter	ony, an A			Sonangon	cy noophul
11 Outstanding poll	ution and	Safety (O	SHA) r	eficienc	ies:					
a Air pollution				5101010				0		
b Water Pollutio	n							0		
c. Occupational	c. Occupational Safety and Health									
d Other Environ	mental	aricalui						0 0		
	montai							0		

1. COMPONENT		FY 2007 MILITARY CONSTRUCTION PROJECT DATA 2. DATE								
AIR FORCE		(computer generated)								
3. INSTALLATIC	N AND L	OCATION		4. P	ROJECT TI	TLE				
LACKLAND AIR F	FORCE BA	SE, TEXAS		REPL	ACE TELECO CH/ADMIN	OMMUNICATION	S			
5. PROGRAM ELE	CMENT	6. CATEGORY CODE	7. PRO	JECT :	NUMBER	8. PROJECT	COST (\$000)			
85796		131-111	MP	LS033	1:	3,200				
	9. COST ESTIMATES									
		ITEM		U/M	QUANTITY	UNIT	COST			
REPLACE TELECOMM	IUNICATIO	NS SWITCH/ADMIN					8,172			
TELECOMM SWITCH	I AND DAT	'A SUPPORT		SM	3,275	1,808	(5,921)			
COMMUNICATIONS	ADMIN SU	IPPORT		SM	1,372	1,280	(1,756)			
ALTER FACILITY	TO RELOC	ATE MSG		SM	1,022	409	(418)			
ANTITERRORISM/F	ORCE PRO	TECTION		SM	5,669	14	(77)			
SUPPORTING FACIL	ITIES						3,808			
UTILITIES				LS			(1,044)			
EMCS/COMMUNICAT	TIONS SUP	PORT		LS			(811)			
SITE IMPROVEMEN	TS			LS			(632)			
PAVEMENTS/DRILL	ED PIER	FOUNDATION		LS			(1,085)			
ABATE/DEMOLISH	BLDGS 10	00, 1022, 1037		SM	1,388	170	(236)			
SUBTOTAL							11,980			
CONTINGENCY	(5.0%)						599			
TOTAL CONTRACT C	OST						12,579			
SUPERVISION, INS	PECTION	AND OVERHEAD (5	5.7%)				717			
TOTAL REQUEST							13,296			
TOTAL REQUEST (ROUNDED)							13,200			
EQUIPMENT FROM O	THER APP	ROPRIATIONS (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

Page No.

1. COMPONENT	FY 2007 MILITARY	DATA	2. DATE				
AIR FORCE	(comp						
3. INSTALLATION A							
LACKLAND AIR FORC	LACKLAND AIR FORCE BASE, TEXAS REPLACE TELECOMMUNICATIONS SWITCH/ADMIN						
5. PROGRAM ELEMEN	6. CATEGORY CODE	7. PRO	8. PROJECT CO	ST (\$000)			
85796	131-111	MP	LS033700	00			

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 excessed 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.

<u>ADDITIONAL:</u> 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 Relecommunications 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 C	ONSTRUCTION P er generated)	ROJECT	DATA	2	. DATE
3. INSTALLATIO	ON AND L	OCATION	4. PROJ	ECT TIT	LE		
LACKLAND AIR I	FORCE BA	SE, TEXAS	REPLACE	TELECC	MMUNICATIONS	SWI	TCH/ADMIN
5. PROGRAM EL	EMENT	6. CATEGORY CODE	7. PROJECT N	UMBER	8. PROJECT CO	ST	(\$000)
85796		131-111	MPLS0337	00	13,	200)
12. SUPPLEMEN a. Estimate (1) Projec	TAL DATA d Design ct to be	.: Data: accomplished by des	ign-build pro	cedures	1		
(2) Basis (a) St (b) Wh	: andard o ere Desi	or Definitive Design ign Was Most Recently	- 7 Used -				NO
(3) All O	ther Des	ign Costs					396
(4) Constr	ruction	Contract Award				07	JAN
(5) Constr	ruction	Start				07	FEB
(6) Constr	ruction	Completion				08	NOV
(7) Energy Study/Life-Cycle analysis was/will be performed YES							
b. Equipmen	t associ	ated with this proje	ect provided f	From oth	er appropriat	ion	s:
D. Equipmen			ee provided i		ici uppropriac	1011	
EQUIPMENT	' NOMENCI	PROC	URING APPRO	FISCA APPRO OR RE	L YEAR PRIATED QUESTED		COST (\$000)
TELECOMM	SWITCH A	AND INSTALL	3400	2	007		3,500

1. COMPONENT		FY 2007 MILITARY CONSTRUCTION PROGRAM 2. DATE								
AIR FORCE										
3. INSTALLATION A	ND LOCA	TION		4. CON	IMAND:			5. AREA	A CONST	
HILL AIR FORCE BA	ΔSE,			AIR FO	RCE M	ATERIE	L	COST IN	IDEX	
UTAH				COMM	AND			1.03		
6. Personnel	PE	RMANENT	-	ST	UDEN	ſS	SU	PPORTE	D	
Strength	OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV	TOTAL
AS OF 30 SEP 05	627	4229	9919	3488	4702	937	1	0	803	24,706
END FY 2010	608	4230	9525	3488	4702	937	1	0	803	24,294
7. INVENTORY DAT	TA (\$000)			•						
Total Acreage:		6,973								
Inventory Total as of	: (30 Sep	05)								2,730,070
Authorization Not Ye	t in Invent	ory:								65,600
Authorization Reques	sted in thi	s Program	:							53,400
Authorization Include	d in the F	ollowing P	rogram	n:	(FY 200)8)				25,000
Planned in Next Thre	e Years F	Program:	U		·	,				59,799
Remaining Deficiency: 252,20								252,200		
Grand Total:	, ,									3,186,069
8. PROJECTS REQ	UESTED	IN THIS P	ROGR	AM:			(FY 200	7)		
CATEGORY		-					(COST	DESIGN	STATUS
CODE	PROJEC	ROJECT TITLE						\$.000	START	CMPL
141-764	Add to S	oftware Su	pport F	acility		6.735	SM	20.000	Design-B	uild
								,	0	
211-116	F/A-22 F	ueled Cor	nposite	Aircraft		6,660	SM	26,000	Design-B	uild
	Overhau	/Testing F	, acility			,		,	0	
215-154	Armame	nt Overhau	I Facili	tv		2.580	SM	7.400	Desian-B	uild
				.,		Total	-	53,400		
9a. Future Projects:	Included	in the Foll	owing l	Program	1:	(FY:	2008)			
217-712	Electroni	cs Repair I	Facility	, Phase	1	9,800	SM	25,000	Design-B	uild
		•							Ū	
						Total		25,000		
9b. Future Projects:	Typical F	Planned Ne	ext Thre	e Years	S:					
215-552	Munition	s Maintena	ince Fa	ac (388 F	-W)	2,820	SM	5,800		
214-425	Combine	d Transpo	rtation	Fac		7,200	SM	17,600		
422-259	Consolid	ate Missile	Storag	ge Facili	ties	1,179	SM	6,099		
442-758	Consolid	ated OO-A	LC Wa	rehouse	e	18,600	SM	22,000		
610-144	Consolid	ate 649th I	Munitio	ns Facil	ity	2,050	SM	5,000		
730-142	Fire/Cras	h Rescue	Statior	n	•	4,300	SM	9,100		
9c. Real Propery Ma	intenance	Backlog [·]	This In	stallatior	l					223
10. Mission or Major	Function	s: Ogden /	Air Log	istics Ce	enter wh	ich is re	sponsibl	e for logis	stics mana	gement,
support, and depot-le	evel maint	enance of	tactica	l missile	s, F-16	aircraft,	Minutem	nan and F	eacekeep	er ICBMs,
AN/FPS-117 Radar.	Composit	e (includin	a B-2 (Composi	tes). Po	wer Svs	stems. ar	nd Softwa	re workloa	ad: a test
squadron with F-16.	HH-1. MH	I-60. and H	IC/NC-	130 airc	raft: an	air base	wing: a	n Air Com	bat Com	nand fighter
wing with three F-16	squadron	s: and an	Air For	ce Rese	rve fiaht	ter wina	with one	e F-16 sau	Jadron.	5
		,			3			1		
11. Outstanding poll	ution and	Safetv (O	SHA D	eficienci	es):					
a. Air pollution					-/			0		
b. Water Pollutio	n							0		
c. Occupational	Safetv an	d Health						0		
d. Other Environ	mental							0		
								-		

1. COMPONENT		FY 2007 MILITARY	CONSTRU	JCTION	I PROJECT	DATA	2. DATE
AIR FORCE		(compu	iter ger	nerate	ed)		
3. INSTALLATIO	N AND L	OCATION		4. P	ROJECT TI	TLE	
HILL AIR FORCE	BASE,	UTAH		ADD '	TO SOFTWAL	RE SUPPORT F	ACILITY
5. PROGRAM ELE	MENT	6. CATEGORY CODE	7. PROJ	JECT 1	NUMBER	8. PROJECT	COST (\$000)
72896		141-764	KR	SM043	3004	,000	
		9. COS	T ESTIN	MATES	1		
		ITEM		U/M	QUANTITY	UNIT	COST
ADD TO SOFTWARE	SUPPORT	FAC					13,498
LABORATORY ARE	AS			SM	4,685	2,171	(10,171)
ADMINISTRATIVE	AREAS			SM	2,050	1,557	(3,192)
ANTITERRORISM	FORCE PR	OTECTION		SM	6,735	20	(135)
SUPPORTING FACIL	ITIES						4,350
UTILITIES				LS			(1,500)
PAVEMENTS				LS			(500)
SITE IMPROVEMEN	TS			LS			(2,000)
COMMUNICATIONS	SUPPORT			LS			(350)
SUBTOTAL							17,848
CONTINGENCY	(5.0%)						892
TOTAL CONTRACT C	OST						18,740
SUPERVISION, INS	PECTION	AND OVERHEAD (5	.7%)				1,068
TOTAL REQUEST							19,808
TOTAL REQUEST (R	OUNDED)						20,000
EQUIPMENT FROM O	THER APP	ROPRIATIONS (NON-ADD)					(2,000)
10. Descriptio	on of Pr	coposed Construction	n: Cons	struct	a 2 stor	ry addition t	o building
1515 with reinf	forced o	concrete footings, f	oundati	on ar	nd floor s	slab, steel f	rame with
masonry walls,	and sta	anding seam metal ro	of. Pr	oject	: includes	s computer la	ibs and HVAC,
per unified fac	ilities	s criteria.	COMPTA M	i chi i	OD IOICE	procección	equirements
Air Conditionir	ng: 25	0 Tons					
11. Requirement	: 32523	SM Adequate: 14	4609 SM	Sı	ubstandard	1: 11179 SM	
PROJECT: Add t	o Softv	vare Support Facilit	cy. (Cu	irrent	Mission))	
REQUIREMENT: A	An adequ	ately sized and cor	figured	l soft	ware supp	port facility	y addition is
required to pro	ovide so	oftware engineering	to supp	ort t	he new bl	Lock 40/50 F-	16 fighter
Operational Fli	ight Pro	ogram and weapon sys	stem Aut	omati	lc Test Eq	quipment (ATH) workloads.
The existing so	oftware	facility and this a	addition	n will	support	work on F-16	;, А-10, В-1В,
B-52, C-17 and	various	s missile programs a	35% OI t	ne pi	cojected v	vorkload grow	th requires
development. ma	aintenar	ce. and validation	of wear		software.	ATE develop	equirements or
Microwave, and	Combat	control shelters, a	are cont	inual	lly being	modernized t	o accommodate
the newest elec	tronic	developments genera	ated by	indus	stry, and	Air Force in	iternal
upgrades. The	facilit	y requirements to a	accompli	.sh th	nis type o	of transforma	tional mission
requirement mus	st suppo	ort a software engir	neering	envii	conment to	o include twe	lve classified
labs with raise	ed floor	areas along with a	a clean	elect	rical sup	oply, cooling	and humidity
workloade to su	Juration	1 111e storage and V	vorkstat	LON 8	to meet (accommodate g	JIOWIN OI
maintenance at	Ogden A	ALC Software Engines	ering Di	visio	on. The f	Eacility also	o requires a
		-	-			_	
DD FORM 1391, I	DEC 99	Previous ed	litions	are c	bsolete.		Page No.

1. COMPONENT		FY 2007 MILITARY CONSTRUCTION PROJECT DATA							
AIR FORCE		(computer generated)							
3. INSTALLATION AND LOCATION 4. PROJECT TITLE									
HILL AIR FORCE BASE, UTAH ADD TO SOFTWARE SUPPORT FACILITY							ILITY		
5. PROGRAM ELE	MENT 6 CATECODY CODE 7, PROJECT NUMBER 8, PROJECT COST (\$000)						ST (\$000)		

72896 141-764 KRSM043004 20,000 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.

<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.

IMPACT IF NOT PROVIDED: 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.

<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.

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 Conjust	ONSTRU er gei	JCTION PROJECT	DATA	2.	DATE			
3. INSTALLATIO	ON AND LA	OCATION		4. PROJECT TIT	CLE					
HILL AIR FORC	E BASE,	UTAH		ADD TO SOFTWAR	RE SUPPORT FAC	ILIT	Y			
5. PROGRAM EL	EMENT	6. CATEGORY CODE	7. PI	ROJECT NUMBER	8. PROJECT CO	ST (\$000)			
72896		141-764	J	KRSM043004	20,	000				
12. SUPPLEMEN	TAL DATA	A:								
(1) Proje	a Design	accomplished by des	ian-b	uild procedures						
(1) Hojeet to be decompribled by debign barra procedures										
(a) Standard or Definitive Design - NO (b) Where Design Was Most Recently Used -										
(3) All O	ther Des	ign Costs				1,0	000			
(4) Const:	ruction	Contract Award				07 3	JAN			
(5) Const	ruction	Start				07 1	FEB			
(6) Const:	ruction	Completion				09 1	?EB			
(7) Energy Study/Life-Cycle analysis was/will be performed										
b Equipmon										
D. Equipmen	b. Equipment associated with this project provided from other appropriations:									
EQUIPMENI	NOMENCI	PROC	URING	FISCA APPRO APPRO OR RE	AL YEAR PRIATED QUESTED		COST (\$000)			
INITIAL C	PERATIN	G EQUIPMENT	308	0 2	2007		2,000			

1. COMPONENT		FY 2007 MILITARY	CONSTRU	OTION	I PROJECT	DATA	2. DATE
AIR FORCE	(computer ge				ed)		
3. INSTALLATIC	N AND L	OCATION		4. PROJECT TITLE			
HILL AIR FORCE	BASE,	UTAH		F/A-22 FUELED COMPOSITE AIR OVERHAUL/TEST FACILITY			IRCRAFT
5. PROGRAM ELE	MENT	6. CATEGORY CODE	7. PRO	JECT NUMBER		8. PROJECT COST (\$000)	
27138		211-116	KR	SM033	002	26	5,000
		9. COS	T ESTI	ATES	1		
						UNIT	COST
		TIRW		_U/M_	QUANTITY		
FUELED COMPOSITE AIRCRAFT OVERHAUL/TEST FAC							14,326
ADMINISTRATION				SM	409	1,841	(753)
FUELED/TEST HAN	IGAR			SM	6,251	2,150	(13,440)
ANTITERRORISM F	ORCE PRO	TECTION		SM	6,660	20	(133)
SUPPORTING FACIL	ITIES						9,113
UTILITIES				LS			(750)
PAVEMENTS				LS			(1,600)
SITE IMPROVEMEN	TS			LS			(750)
COMMUNICATIONS							(250)
FIRE STATION (3	BAY)			SM	790	2,232	(1,763)
MOVE RADAR STAT	ION		LS			(4,000)	
SUBTOTAL						23,439	
CONTINGENCY (5.0%)							1,172
TOTAL CONTRACT COST							24,611
SUPERVISION, INS	PECTION	AND OVERHEAD (5	5.7%)				1,403
TOTAL REQUEST							26,014
TOTAL REQUEST (R	OUNDED)						26,000
EQUIPMENT FROM O	THER APP	ROPRIATIONS (NON-ADD)					(10,700)
10. Description	on of Pr	roposed Construction	n: Cons	truct	a medium	n bay hangar	with concrete
foundation, flo	oor slak	, structural steel	frame,	insul	ated wall	s and roof,	and hangar
doors. Include	es paint	/depaint docks, ass	sembly/d	isass	embly doo	ks, flight (test docks,
fire station and	uk area, od reloc	and administrative	e area. adar dom	cons e for	the FPS-	117 radar s	vstem Comply
with DoD force	protect	ion requirements as	s per un	ified	l faciliti	es criteria.	•
Air Conditionin	ng: 15	Tons	_				
11. Requirement	: 10400)8 SM Adequate: 7	78798 SM	(S	ubstandar	d: 0 SM	
PROJECT: Const	ruct ar	F/A-22 fueled comm	posite c	verha	ul/test f	acility. (1	New Mission)
REQUIREMENT: 2	A facili	ity is needed to acc	commodat	e the	overhau]	and repair	of the new
fleet of F/A-22	2 fighte	ers. Seven F/A-22 a	aircraft	will	. arrive a	t Hill AFB :	in 2007 to
begin Depot Rep	pair or	Modification (DRM),	, with t	he nu	mber incr	reasing to 64	4 per year by
2013. The prop	posed F	A-22 DRM work will	include	pair.	nt/depaint	, maintenano	ce docks, an
assembly/disass	sembly a	area, flight test do	ocks, an	d an	administr	ative support	t core. This
side of the ru	wav. A	An existing radar tr	ransmitt	er/re	ceiver m	are proposed ist also be i	located to
provide a clear	r view c	of all air traffic o	over Sal	t Lak	e Interna	tional Airpo	ort. A three
bay fire statio	on is re	equired on the east	side of	the	runway to	meet the re	equired five
minute response	e time.						
CURRENT SITUAT	LON: Ha	angars used to suppo	ort exis	ting	maintenar	nce, fuel/de:	fuel,

1. COMPONENT		DATA	2. DATE						
AIR FORCE		(computer generated)							
3. INSTALLATIO	N AND LO	OCATION	4. PROJECT TI	TLE					
HILL AIR FORCE	BASE, U	JTAH	F/A-22 FUELED COMPOSITE AIRCRAFT						
				OVERHAUL/ IESI	FACIBILI				
5. PROGRAM ELE	MENT	6. CATEGORY CODE	7. PRO	JECT NUMBER	8. PROJECT CO	ST (\$000)			
27138		211-116	KI	RSM033002	26,0	00			

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 To efficiently manage the F/A-22 system availability, the complex of facilities. 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. IMPACT IF NOT PROVIDED: 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.

<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.

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.

FY 2007 MILITARY (compu- LOCATION UTAH 6. CATEGORY CODE 211-116 FA: gn Data: be accomplished by de or Definitive Design sign Was Most Recent asign Costs a Contract Award a Start a Completion	CONSTRUCTION PR ater generated) 4. PROJE F/A-22 F OVERHAUL E 7. PROJECT NUL KRSM03300 essign-build proc gn - ly Used -	OJECT DATA ECT TITLE FUELED COMPOSITE A J/TEST FACILITY MBER 8. PROJECT 2 2 edures	2. DATE IRCRAFT COST (\$000) 26,000 NO 1,300 06 DEC
LOCATION UTAH 6. CATEGORY CODE 211-116 TA: gn Data: be accomplished by de or Definitive Desig sign Was Most Recent ssign Costs a Contract Award a Start a Completion	4. PROJE F/A-22 F OVERHAUL E 7. PROJECT NU KRSM03300 esign-build proc gn - tly Used -	ECT TITLE FUELED COMPOSITE A /TEST FACILITY MBER 8. PROJECT 2 2 edures	IRCRAFT COST (\$000) 26,000 NO 1,300 06 DEC
UTAH 6. CATEGORY CODE 211-116 TA: gn Data: be accomplished by de or Definitive Design sign Was Most Recent asign Costs a Contract Award a Start a Completion	F/A-22 F OVERHAUL F 7. PROJECT NUL KRSM03300 esign-build proc gn - ly Used -	FUELED COMPOSITE A A/TEST FACILITY MBER 8. PROJECT 2 2 eedures	IRCRAFT COST (\$000) 26,000 NO 1,300 06 DEC
6. CATEGORY CODE 211-116 TA: gn Data: be accomplished by de or Definitive Desig sign Was Most Recent sign Costs a Contract Award a Start a Completion	E 7. PROJECT NU KRSM03300 esign-build proc gn - ly Used -	MBER 8. PROJECT 2 2	COST (\$000) 26,000 NO 1,300 06 DEC
211-116 TA: gn Data: be accomplished by de or Definitive Desig sign Was Most Recent sign Costs a Contract Award a Start a Completion	KRSM03300 esign-build proc gn - ly Used -	2 2 edures	26,000 NO 1,300 06 DEC
TA: gn Data: be accomplished by de or Definitive Desig sign Was Most Recent sign Costs a Contract Award a Start a Completion	esign-build proc gn - ly Used -	edures	NO 1,300 06 DEC
gn Data: De accomplished by de or Definitive Desig sign Was Most Recent sign Costs a Contract Award a Start a Completion	esign-build proc m - ly Used -	edures	NO 1,300 06 DEC
or Definitive Desig sign Was Most Recent sign Costs Contract Award Start Completion	esign-build proc m - :ly Used -	edures	NO 1,300 06 DEC
or Definitive Desig sign Was Most Recent sign Costs Contract Award Start Completion	n - ly Used -		NO 1,300 06 DEC
or Definitive Desig sign Was Most Recent sign Costs Contract Award Start Completion	m - :ly Used -		NO 1,300 06 DEC
sign Costs Contract Award Start Completion			1,300 06 DEC
Contract Award Start Completion			06 DEC
a Start Completion			
Completion			07 FEB
			09 APR
/Life-Cycle analysis	s was/will be pe	erformed	NO
PR	OCURING APPRO	FISCAL YEAR APPROPRIATED OR REQUESTED	COST (\$000)
	3080	2007	3,500
NT	3080	2007	7,200

1. COMPONENT		FY 2007	MILITARY	CONSTRU	JCTIO	N PROJECT	DATA	2. DATE		
AIR FORCE		(computer generated)								
3. INSTALLATIO	N AND LO	OCATION			4. PROJECT TITLE					
HILL AIR FORCE	BASE,	UTAH			ARMA	MENT OVER	HAUL/TEST FAC	LITY		
5. PROGRAM ELE	PROGRAM ELEMENT 6. CATEGORY CODE 7. PRO						8. PROJECT C	OST (\$000)		
72896		215	-553	KF	KRSM043033 7			,400		
9. COST ESTIMATES										
		ITEM			U/M	QUANTITY	UNIT	COST		
ARMAMENT OVERHAUL/TEST FACILITY 5,745								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 FACIL	ITIES							966		
UTILITIES					LS			(483)		
SITE IMPROVEMEN	TS				LS			(85)		
PAVEMENTS					LS			(120)		
COMMUNICATIONS	SUPPORT				LS			(100)		
DEMOLITION					SM	445	400	(178)		
SUBTOTAL								6,711		
CONTINGENCY	(5.0%)							336		
TOTAL CONTRACT C	OST							7,046		
SUPERVISION, INS	PECTION 2	AND OVERHEA	D (5	5.7%)				402		
TOTAL REQUEST								7,448		
TOTAL REQUEST (R	OUNDED)							7,400		
EQUIPMENT FROM OTHER APPROPRIATIONS (NON-ADD) (1,000)						(1,000)				
10. Descriptio	on of Pr	oposed Co	nstruction	n: Cons	struct	a medium	n bay (24' hi	gh) 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.

Air Conditioning: 40 Tons

11. Requirement: 8759 SM Adequate: 6291 SM Substandard: 445 SM

<u>PROJECT:</u> Construct an armament overhaul/test facility. (Current Mission) <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

Page No.

1. COMPONENT	FY 2007 MILITARY CONSTRU	2. DATE	
AIR FORCE	(computer gen		
3. INSTALLATIC	N AND LOCATION	4. PROJECT TITLE	

HILL AIR FORCE BASE,	UTAH	ARMAMENT OVER	HAUL/TEST FACILITY
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST (\$000)
72896	215-553	KRSM043033	7,400

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.

CURRENT SITUATION: 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.

<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.

<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

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

1. COMPONENT AIR FORCE	FY 2007 MILITARY CONSTRUCTION PROJECT DATA 2. DATE (computer generated)									
3. INSTALLATIO	ON AND LA	OCATION	4. PROJ	ECT TIT	LE	I				
HILL AIR FORCE	E BASE,	UTAH	ARMAMEN	T OVERH	AUL/TEST FACI	LITY				
5. PROGRAM EL	EMENT	6. CATEGORY CODE	7. PROJECT N	UMBER	8. PROJECT CO	ST (\$000)				
72896		215-553	KRSM0430	33	7,	400				
12. SUPPLEMEN	TAL DATA	A:								
a. Estimate	d Design	Data:								
(1) Project to be accomplished by design-build procedures										
(2) Basis:										
(a) St (b) Wr	andard o here Desi	or Definitive Design ign Was Most Recentl	- y Used -			NO				
(3) All O	ther Des	ign Costs				370				
(4) Const:	ruction	Contract Award				06 DEC				
(5) Const	ruction	Start				07 FEB				
(6) Const	ruction	Completion				08 MAY				
(7) Energy Study/Life-Cycle analysis was/will be performed YI										
b Equipment associated with this project provided from other appropriations.										
5. Equipment associated with this project provided from other appropriations:										
EQUIPMENT	NOMENCI	PRO	URING APPRO	FISCA APPROI OR REQ	L YEAR PRIATED QUESTED	COST (\$000)				
LASER IM	GE PROJI	ECTION EQUIP.	3080	2	007	1,000				

1. COMPONENT		FY 200)7 MILI	TARY (CONST	RUCTIO	N PROG	GRAM	2. DATE	
AIR FORCE										
3. INSTALLATION A	ND LOC	ATION		4. COI	MMAND):		5. AREA	CONST	
LANGLEY AIR FOR	CE BASE	,		AIR CO	OMBAT	COMMA	ND	COST IN	IDEX	
VIRGINIA								0.94		
6. Personnel	PE	RMANENT		S	TUDEN	TS	SU	IPPORTE	D	
Strength	OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV	TOTAL
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 DAT	A (\$000)							-		
a. Total Acreage:		3,168								
b. Inventory Total as	of: (30	Sep 04)								3,691,431
c. Authorization Not	Yet in Inv	entory:								44,365
d. Authorization Reg	uested in	this Progr	am:							57,700
e. Authorization Inclu	uded in th	e Followin	g Prog	ram:	(FY 20	08)				5,200
f. Planned in Next Fo	our Years	Program:								27,800
g. Remaining Deficie	ency:	-								122,600
h. Grand Total:	-									3,949,096
8. PROJECTS REQ	UESTED	IN THIS P	ROGR	AM:			(FY 200)7)		
CATEGORY								COST	DESIGN	STATUS
CODE	PROJEC	T TITLE				SCOPE	<u>_</u>	\$,000	<u>START</u>	CMPL
141-454	Distribute	ed Commo	n Grou	nd Stati	ion	13,801	SM	47,700	May-05	Sep-06
721-312	Replace	eplace Dormitory (96 RM) 3,168 SM 10,000 M							May-05	Sep-06
9a. Future Projects:	Included	in the Foll	owing	Progran	n:	(FY	2008)			
CATEGORY								COST		
CODE	PROJEC	<u>CT TITLE</u> <u>SCOPE</u>					\$,000			
736-771	ADAL Be	thel Mano	r Chap	el		358	SM	5,200		
9b. Future Projects:	Typical F	Planned Ne	ext Fou	r Years	:					
171-475	Indoor Si	mall Arms	Range			2,788	SM	10,000		
730-832	West/Las	Salle Gates	s FP/A	ccess		7,294	SM	6,800		
721-312	Replace	Dormitory	(96 RIV	1)		3,168	SM	11,000		
0. Decl Drenerty M		o Dooldon	Thiala	atallatia				110		
90. Real Property ina			This in		n. hat Qar		e Caleter	110		
10. MISSION OF Major	Function	s: Headqu	arters /		bat Cor	nmand; ;	a fighter	wing witr	i F-22A ar	10 F-15
ingriters; an airlift high	it, an inte		Dotoo	erospac	e Comn	nand and	d Contro	i intelligei	nce, Surve	
and Reconnaissance	Center (A	AUZISKU)	, Delac	ment	or the O	SAF DO	unne Ce	enter, and		bice
Rescue Coordination	Center.									
11 Outstanding Doll	ution and	Sofoty (O		oficiono	ioo):					
Air pollution	ulion anu	Salety (O	SHA D	encienc	165).					
a. All pollution										
h Water Pollutio	n									
	11									
c Occupational	Safetv an	d Health								
	culory all									
d. Other Environ	mental									

1. COMPONENT		FY 2007 MILITARY	CONSTRU	JCTIO	N PROJECT	DATA	2. DATE	
AIR FORCE		(compu	iter gei	nerate	ed)			
3. INSTALLATIO	N AND L	OCATION		4. P	ROJECT TI	FLE	·	
LANGLEY AIR FO	RCE BAS	E, VIRGINIA		DISTRIBUTED COMMON GROUND STATION				
			7 000					
5. PROGRAM ELE	OGRAM ELEMENT 6. CATEGORY CODE /. PRC			JECT .	NUMBER	8. PROJECT (USI (\$000)	
35208		141-454	MU	лнј073	3004	47	,700	
		9. COS	r esti	MATES				
		ITEM		U/M	QUANTITY	UNIT	COST	
DISTRIBUTED COMMON GROUND SYSTEM OPERATIONS							31,135	
DCGS OPERATIONS	5 FACILIT	Ϋ́		SM	13,801	2,235	(30,845)	
ANTITERRORISM/E	ORCE PRO	TECTION		SM	13,801	21	(290)	
SUPPORTING FACIL	ITIES			İ		İ	11,877	
DEMOLITION				SM	112	375	(42)	
UTILITIES				LS			(3,875)	
PAVEMENTS				LS			(1,925)	
SITE IMPROVEMEN	TS			LS			(2,200)	
ENVIRONMENTAL				LS		İ	(2,135)	
COMMUNICATIONS	SUPPORT		LS			(1,700)		
SUBTOTAL						43,012		
CONTINGENCY	(5.0	%)				2,151		
TOTAL CONTRACT COST							45,163	
SUPERVISION, INS	PECTION	AND OVERHEAD (5.7 %)				2,574	
TOTAL REQUEST							47,737	
TOTAL REQUEST (R	OUNDED)						47,700	
EQUIPMENT FROM O	THER APP	ROPRIATIONS (NON-ADD)					(2,125.0)	
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.								
		····						
11. REQUIREMENT	: 13,8	OLSM ADEQUAT	E: 0 SM	-	SUBSTANDA	עא: 3,718 SM		
PROJECT: Const Facility. (New	truct A: w Missio	ir Force Distributed on)	i Commor	n Groi	und Static	on (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-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								

1. COMPONENT	FY 2007 MILITARY CONSTRUCTION PROJECT DATA						2. DATE	
AIR FORCE		(computer generated)						
3. INSTALLATION AND LOCATION 4. PROJECT TITLE								
LANGLEY AIR FOR	LANGLEY AIR FORCE BASE, VIRGINIA DISTRIBUTED CO OPERATIONS FAC					OMMON GROUND S' CILITY	TATION	
5. PROGRAM ELE	MENT	6. CATEGO	RY CODE	7. PRO	JECT NUMBER	8. PROJECT COST (\$000)		
35208		141-4	54	MUHJ073004			00	

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.

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.

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.

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) JOINT USE CERTIFICATION: Mission requirements, operational considerations and locations are incompatable with use by other components.

1. COMPONENT		FY 2007 MILITARY CONSTRUCTION PROJECT DATA 2. DATE							
AIR FORCE		(compute	er gene	rated)					
3. INSTALLATIO	ON AND LO	OCATION		4. PROJECT T	ITLE				
LANGLEY AIR FO	ORCE BAS	E, VIRGINIA	1	DISTRIBUTED OPERATIONS F	COMMON GROUND	STATION			
5. PROGRAM EL	EMENT	6. CATEGORY CODE	7. PRO	JECT NUMBER	8. PROJECT CO	ST (\$000)			
35208 141-454 MUHJ073004 47,70						700			
12. SUPPLEMENTAL DATA:									
a. Estimated Design Data:									
(1) Statu	s:								
(a) Da	te Desig	n 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) St	andard c	r Definitive Design	_			NO			
(b) Wh	ere Desi	gn Was Most Recently	7 Used -						
(3) Total	Cost (c) = (a) + (b) or (d)	+ (e):			(\$000)			
(a) Pr	oduction	of Plans and Specif	Eication	s		2,862			
(b) Al	l Other	Design Costs				1,431			
(c) To	tal					4,293			
(d) Co	ntract					3,578			
(e) In	-house					715			
(4) Const:	ruction	Contract Award				07 JAN			
(5) Const	ruction	Start				07 FEB			
(6) Const	ruction	Completion				09 FEB			
* Indicat which i cost an	 * 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		FY 2007 MILITARY	CONSTRU	OTION	N PROJECT	DATA	2. DATE	
AIR FORCE	AIR FORCE (computer generated)							
3. INSTALLATIO	N AND L	OCATION		4. PROJECT TITLE				
LANGLEY AIR FO	RCE BAS	E, VIRGINIA		DORM	ITORY (96	RM)		
5. PROGRAM ELE	MENT	T 6. CATEGORY CODE 7. PROJ			NUMBER	COST (\$000)		
27596		721-312	MU	нј063	3001	10	,000	
		9. COS	T ESTII	MATES	1			
				/		UNIT	COST	
		TIEW		_U/M_	QUANTITY			
DORMITORY (96 RM)						6,140	
DORMITORY				SM	3,168	1,904	(6,032)	
ANTITERRORISM/F	ORCE PRO	TECTION		SM	3,168	34	(109)	
SUPPORTING FACIL	ITIES						2,830	
UTILITIES				LS			(281)	
PAVEMENTS				LS			(582)	
SITE IMPROVEMEN	TS			LS			(194)	
DEMOLITION				SM	4,670	265	(1,238)	
COMMUNICATION S	UPPORT			LS			(185)	
SPECIAL FOUNDAT	IONS			LS			(350)	
SUBTOTAL							8,970	
CONTINGENCY	(5.0%)					448	
TOTAL CONTRACT C	OST						9,418	
SUPERVISION, INS	PECTION	AND OVERHEAD	(5.7%)				537	
TOTAL REQUEST							9,955	
TOTAL REQUEST (R	OUNDED)						10,000	
EQUIPMENT FROM O	THER APP	ROPRIATIONS (NON-ADD)					(750.0)	
10. Descriptio	on of Pr	oposed Construction	n: Thre	e-sto	ory struct	ure with rei	nforced	
concrete founda	tion an	d floor slabs raise	ed above	floc	od plain,	masonry wall	s, standing	
seam metal roof	i, utili	ties, HVAC, fire de	etection	/prot	ection, o	communication	support,	
relocation of v	ater/se	wer/storm lines, ar	nd all c	ther	necessary	v support. F	orce	
protection will	. comply	with DoD minimum s	standard	ls.				
Air Conditionir	ng: 70	Tons Grade Mix: E	L-E4 9	96				
11. Requirement	: 987 R	M Adequate: 893	RM S	ubsta	undard: 10	50 RM		
PROJECT: Const	ruct a	Dormitory (96 RM).	(Curre	ent Mi	ission)			
REQUIREMENT: 2	major	Air Force objective	a is to	provi	de unacco	mpanied enli	sted personnel	
with housing co	onducive	to their proper re	est, rel	_ .axati	lon, and p	personal well	-being.	
Properly design	ned and	furnished quarters	providi	ng in	dividual	privacy are	essential to	
the successful	accompl	ishment of the incr	reasingl	y com	plicated	and importar	t jobs these	
people must per	riorm.	This project is in	accorda	nce w	vith the A	Air Force Dor	mitory Master	
CURRENT STTUATI	о м. тЪ	e Air Force DMP est	ablishe	d the	need for	r a replaceme	ont dormitory	
Facility condit	ion ass	sessments determined	d three	of La	angley's o	dormitories a	re degraded	
and require rep	lacemer	it. The dormitory t	o be re	place	ed is plag	gued with ina	dequate	
lighting, poor	insulat	ion, insufficient s	sound at	tenua	ation, and	d obsolete el	ectrical and	
mechanical syst	ems. I	t does not conform	to curr	ent f	ire prote	ection stands	rds, is	
for demolition	under +	this project are sub	private	ntsa : nob br	mitories	wo racilitie located on +	s scneauled the site of	
		FICIOU ALC BAL						

1. COMPONENT	FY 2007 MILITARY CONSTRU	JCTION PROJECT DATA	2. DATE
AIR FORCE	(computer gen	herated)	
	NI NID LOCATION		

5. INSTRUMATION AND D	OCATION	4. FROECI II	106
LANGLEY AIR FORCE BAS	E, VIRGINIA	DORMITORY (96	RM)
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST (\$000)
27596	721-312	MUHJ063001	10,000

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.

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.

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)

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

1. COMPONENT		FY 2007 MILITARY C	ONSTRUC	TION PROJECT	DATA	2. DATE
AIR FORCE		(comput	er gene.			
3. INSTALLATIO	ON AND LO	DCATION		4. PROJECT	TITLE	
LANGLEY AIR FO	ORCE BASI	E, VIRGINIA	1	DORMITORY (9	96 RM)	
5. PROGRAM EL	EMENT	6. CATEGORY CODE	7. PRO	JECT NUMBER	8. PROJECT CO	ST (\$000)
27596		721-312	MU	HJ063001	10,	,000
12. SUPPLEMEN	TAL DATA	:				
a. Estimate	d Design	Data:				
(1) Statu	s:					
(a) Da	te Desig	n Started			04	-MAY-05
(b) Pa	rametric	Cost Estimates use	d to dev	relop costs		YES
* (c) Pe	rcent Co	mplete as of 01 JAN	2006			15%
* (d) Da	te 35% D	esigned			10	AUG-05
(e) Da (f) En	erov Stu	n compiete dv/Life-Cycle analy	eie wae	will be perf	ormed	VFS
(1)	ergy beu	ay/hite eyere anary		with be peri	ormeu	
(2) Basis	:					
(a) St	andard o	r Definitive Design	-			NO
(b) Wh	ere Desi	gn Was Most Recentl	y Used -	•		
(3) Total	Cost (c) = (a) + (b) or (d)) + (e):			(\$000)
(a) Pr	oduction	of Plans and Speci	ficatior	s		600
(b) Al	l Other	Design Costs				300
(c) To	tal					900
(d) Co	ntract					750
(e) In	-house					150
(4) Const	ruction (Contract Award				07 JAN
(5) Const	ruction	Start				07 FEB
(6) Const	ruction	Completion				08 NOV
* Indicat	es compl	etion of Project De	Einition	with Parame	tric Cost Esti	mate
which i	s compar	able to traditional	35% des	ign to ensur	e valid scope,	
cost an	d execut	ability.				
b. Equipmen	t associ	ated with this proj	ect prov	ided from ot	her appropriat	ions:
				FISC	AL YEAR	
		I	ROCURIN	G APPRO	PRIATED	COST
EQUIPMENT	NOMENCI	LATURE AP	PROPRIAT	ION OR RE	QUESTED	(\$000)
FURNISHIN	igs		3400	2	2007	750

1. COMPONENT		FY 20	07 MIL	ITARY	CONST	RUCTIO	N PROG	RAM	2. DATE	
AIR FORCE										
INSTALLATION AND	LOCATI	ON		COMM	AND:			5. AREA CONST		
FE WARREN AIR BA	ASE			AIR FO	AIR FORCE SPACE				IDEX	
WYOMING				COMM	AND			1.01		
6. Personnel	PE	RMANEN	Γ	ST	UDEN ⁻	ΓS	SU	PPORTE	D	
Strength	OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV	TOTAL
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 DAT	A (\$000)									
Total Acreage: 5,866										
Inventory Total as of	: (30 Sep	05)								290,247
Authorization Not Yet	t in Invent	orv:								, 0
Authorization Reques	sted in thi	s Program	:		(FY 200)7)				11.000
Authorization Include	d in the F	ollowina P	rogram	า:	(FY 200)8)				6,600
Planned in Next Thre	e Years F	Program.	- <u></u>		(50 170
Remaining Deficiency	v.									96 055
Grand Total	<i>.</i>								•	454 072
			ROCR	ΔN/·			(EV 200	7)		101,072
	OLUILD		NOON	AW.			(1 1 200	COST		STATUS
						SCODE		¢ 000	STADT	CMPI
<u>000L</u> 721_312	Popovate	$\sim Dorm 23$	0			2 971	SM	<u>4,000</u>	Oct_{05}	
121-312	Renovate		0			J,071	SIVI	11,000	001-05	Sep-00
On Future Designation	la alcoda d			D	_	Total	200)	11,000		
9a. Future Projects:		In the Foll	owing	Program	:	(FY20	JU8)	0.000		
212-216	ADAL IMI	ssie Servi	ces Col	mpiex		1,438	SIM	6,600		
						lotal		6,600		
9b. Future Projects:	Typical F	Planned Ne	ext Thre	ee Years	5:					
721-312	Renovate	e Historic [Dorm 2	36		3,022	SM	7,800		
871-183	Upgrade	Storm Dra	inage			1	EA	10,000		
731-142	Consolid	ated Fire S	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	Dormitor	y Complex	(144)			9,000	SM	9,700		
851-147	ADAL Pr	imary Miss	sile Rou	utes		108,500	LM	3,500	_	
						Total		50,170		
9c. Real Propery Ma	intenance	e Backlog	This In	stallation	ı (\$M)				136.4	
10. Mission or Major	Function	s: F. E. W	/arren /	Air Force	Base i	s the olde	st contin	uouslv ad	ctive milita	rv
installation within the	Air Force	. It's home	e to the	90th Sp	ace Wi	ng and He	eadquart	ers. 20th	Air Force.	of Air
Force Space Comma	and. Sinc	e 1986. W	arren n	nissile fie	elds hav	ve maintai	ned 150	Minutem	an III miss	siles and
the Air Force's only 5	0 Peacek	eeper mis	siles de	efendina	Americ	a with the	world's	most nov	verful com	bat ready
ICBM force				biolitaling	/ 1110110		, wond o	moorpor		barroady
11 Outstanding poll	ution and	Safety (O	сна) г	oficionc	ios:			(\$M)		
a Air pollution				encienc	163.			(ψΝ) 0		
a. All pollution								0		
b. Water Pollutio	n							0		
	.							-		
c. Occupational	Safety an	d Health						0		
								-		
d. Other Environ	mental							0		

1. COMPONENT		FY 2007 MILITARY	CONSTRU	JCTIO	I PROJECT	DATA	2. DATE
AIR FORCE		(compu	iter ger	nerate	ed)		
3. INSTALLATIO	N AND L	OCATION		4. P	ROJECT TI	TLE	
FRANCIS E WARF	EN AIR	FORCE BASE, WYOMING	;	RENO	VATE DORM	ITORY 230	
5. PROGRAM ELE	MENT	6. CATEGORY CODE	7. PRO	JECT 1	NUMBER	8. PROJECT C	OST (\$000)
35996		721-312	GH	LN991	.620	11	,000
		9. COS	T ESTI	MATES	1		
		ITEM		U/M	QUANTITY	UNIT	COST
DENOVATE DODATE	DV 220						0 170
INTERIOR DORMIT	KI 250		NT	GM	3 871	1 485	(5 748)
EXTERIOR DORMIN	ORI RENO	TD /MAINTENANCE		GM	3 871	865	(3 346)
ANTITEDDODISM/E		TECTION		GM	3 871	20	(3,340)
ANTITERKORISM/ P	TETEC	JIECTION		SM	5,071	20	
SUPPORTING FACIL	ITIES						705
UTILITIES				LS			(215)
PAVEMENTS				LS			(78)
SITE IMPROVEMEN	its			LS			(67)
ANTI-TERRORISM/	FORCE PH	ROTECTION MEASURES		LS			(150)
COMMUNICATIONS				LS			(195)
SUBTOTAL							9,877
CONTINGENCY	(5.0%	;)					494
TOTAL CONTRACT C	OST						10,371
SUPERVISION, INS	PECTION	AND OVERHEAD	(5.7%)				591
TOTAL REQUEST							10,962
TOTAL REQUEST (R	OUNDED)						11,000
10. Descriptio	on of Pi	roposed Construction	n: Proj	ject i	ncludes a	all structura	1,
mechanical, ele	ectrical	l and architectural	work fo	or the	e interio	r upgrade and	exterior
upkeep of one h	nistorio	c brick dormitory.	Include	ed are	e new fin:	ishes and fix	tures,
configuration v	vill cha	ange from the curren	s and ie ht "2 +	2" rc	oms (68 t	t removal. In	e room new standard
4-person module	e (56 to	otal). Exterior wor	k will	inclu	ide roof i	replacement,	new plandard
courtyard/exter	rior enh	nancement, brick tuc	kpointi	.ng, g	ainting,	window and h	istoric porch
repair. Comply	y with I	DoD force protection	n requre	ments	s per unit	fied faciliti	es criteria.
Air Conditionin	ng: 11	LO Tons Grade Mix: H	E1-E4	56			
11. Requirement	: 3871	SM Adequate: 0 S	SM Su	lbstar	dard: 38	71 SM	
PROJECT: Reno	vate Do	rmitory 230. (Curre	ent Miss	sion)			
REQUIREMENT: I	Provide	Air Force personnel	with q	uarte	ers that r	meet Air Forc	e standards.
Standards of a	lequacy	include carpeting,	good li	.ghtir	ng and dec	corating, tel	ephone and TV
hookups in slee	eping ro	ooms and lounge area	as, bath	rooms	s shared l	by not more t	han two
airmen, adequat	e loung	ges, laundry facilit	ies and	l stor	age room	B. A facility	exterior that
is sound, well	kept, a airman (and that instills a	sense c	or pri	lae in one	e's living qu	arters. A
CIIRRENT CITILAT		ormitory 230 is a bu	uilding	lieta	ad on the	National Dog	ister of
Historic Places	s. It is	s a two story. red h	rick. s	truct	urally so	ound facility	constructed
in 1908 as open	n-bay Us	5 Army Cavalry barra	acks. In	the	mid-1980	s the barrack	s was
converted from	open ba	ay to the room-bath-	-room do	rmito	ory config	guration hous	ing two airmen
per room. This	s facil:	ity is no longer in	complia	nce v	vith Air I	Force dormito	ry
configuration g	guidelin	nes which require do	ormitori	es be	e in the '	"Dorms-for-Ai	rmen (4-person
DD FORM 1391, I	DEC 99	Previous ed	itions	are c	bsolete.		Page No.

1. COMPONENT		FY 2007 MILITARY CONSTRUCTION PROJECT DATA					
AIR FORCE		(computer generated)					
3. INSTALLATION AND LOCATION 4. PROJECT TITLE							
FRANCIS E WARF	REN AIR	FORCE BAS	E, WYOMING	3	RENOVATE DORM	ITORY 230	
5. PROGRAM ELE	CMENT	6. CATE	GORY CODE	7. PROJECT NUMBER		8. PROJECT CO	ST (\$000)
35996		721-312 GHIN991620 11 000					

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.

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.

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.

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 CO	ONSTRUCI er gener	TION PROJECT	DATA	2. DATE
3 INSTALLATI	ר האב זאר ז רואב זאר	OCATION			ידיידי	I
FRANCIS E WAR	REN AIR	FORCE BASE, WYOMING		RENOVATE DOR	MITORY 230	
						(* • • • • •
5. PROGRAM EL	EMENT	6. CATEGORY CODE	7. PROJ	ECT NUMBER	8. PROJECT CO	ST (\$000)
35996		721-312	GHI	LN991620	11,	000
12. SUPPLEMEN	TAL DATA	:				
a. Estimate	d Design	Data:				
(1) Statu	s:					
(a) Da	te Desig	n Started			10	-OCT-05
(b) Pa	rametric	: Cost Estimates used	l to dev	elop costs		YES
* (c) Pe	rcent Co	mplete as of 01 JAN	2006			15%
* (d) Da	te 35% I.	Designed			10	-MAR-06
(e) Da	te Desig	n Complete			30	-SEP-06
	ergy stu	dy/Life-Cycle analys	sis was/	will be perio	ormed	IES
(2) Basis	:					
(a) St	andard o	or Definitive Design	-			NO
(b) Wh	ere Desi	gn Was Most Recently	7 Used -			
(3) Total	Cost (c	(a) = (a) + (b) or (d)	+ (e):			(\$000)
(a) Pr	oduction	of Plans and Specif	ication	s		660
(b) Al	1 Other	Design Costs				330
(c) To	tal	-				990
(d) Co	ntract					825
(e) In	-house					165
(4) Const	ruction	Contract Award				06 DEC
(5) Const	ruction	Start				07 FEB
(6) Const	ruction	Completion				08 APR
* Indicat which i cost an	es compl s compar d execut	etion of Project Def able to traditional ability.	inition 35% des	with Paramet	tric Cost Esti e valid scope,	mate
b. Equipmen N/A	t associ	ated with this proje	ect prov	ided from otl	her appropriat	ions:

1. COMPONENT		FY 2007 MILITARY CONSTRUCTION PROJECT DATA 2. DATE						
AIR FORCE		(comp	uter ger	erate	ed)			
3. INSTALLATIO	N AND L	OCATION		4. P	ROJECT TI	FLE		
WW - UNSPECIFI	ED			COMMO	ON BATTLE	FIELD AIRMAN	TRAINING	
				COMPI	LEX (AETC))		
5. PROGRAM ELE	MENT	6. CATEGORY CODE	7. PRO	JECT	NUMBER	8. PROJECT C	OST (\$000)	
84731		179-371	179-371 QSEU053023 14,					
		9. COS	T ESTI	ATES				
						UNIT	COST	
		ITEM		U/M	QUANTITY			
COMMON BATTLEFIE	LD AIRME	N TRAINING COMPLEX					10,370	
LATRINES/SHOWER	S/LAUNDR	У		SM	416	592	(246)	
WATER SURVIVAL	TRAINING	FACILITY		SM	1,950	2,152	(4,196)	
CLASSROOM FACIL	ITIES			SM	1,394	1,076	(1,500)	
ARMORY				SM	223	1,938	(432)	
PHYSICAL FITNES	S/COMBAT	SKILLS TNG FAC		SM	348	1,076	(374)	
RECREATION FACI	LITY			SM	348	1,076	(374)	
DINING FACILITY				SM	409	2,152	(880)	
BILLETING FACIL	ITIES (C	MU)		SM	1,665	403	(671)	
COVERED PT/ASSE	MBLY ARE	A		SM	929	430	(399)	
OBSTACLE CRS &	RAPPELLI	NG TOWER/WALL		LS			(150)	
COMMAND & CONTR	OL & INS	TRUCTOR OFFICE FAC		SM	697	1,076	(750)	
STORAGE FACILIT	IES (CLI	MATE CNTL FOR MRE)		SM	348	1,076	(374)	
STORAGE CONTAIN	ER PADS			SM	134	161	(22)	
SUPPORTING FACIL	ITIES						2,482	
UTILITIES				LS			(1,121)	
PAVEMENTS				LS			(420)	
SITE IMPROVEMEN	TS			LS			(755)	
PARKING				SP	80	900	(72)	
COMMUNICATIONS				LS			(114)	
SUBTOTAL							12,852	
CONTINGENCY	(5.0%)					643	
TOTAL CONTRACT CO	OST						13,495	
SUPERVISION, INS	PECTION	AND OVERHEAD	(5.7%)			.	769	
TOTAL REQUEST							14,264	
TOTAL REQUEST (RO	OUNDED)						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		FY 2007 MILITARY	CONSTR	UCTION PROJECT	DATA	2. DATE			
AIR FORCE		(compu	uter ge	nerated)					
3. INSTALLATIO	N AND L	OCATION		4. PROJECT TI	TLE				
WW - UNSPECIF:	IED			COMMON BATTLE COMPLEX (AETC	FIELD AIRMAN T	RAINING			
5. PROGRAM ELE	MENT	6. CATEGORY CODE	7. PRC	ROJECT NUMBER 8. PROJECT COST (\$000)					
84731		179-371	Q	SEU053023	14,2	200			
PROJECT: Const	truct a	Common Battlefield	Airman	Training Comp	lex (New Missio	on)			
PROJECT: Const REQUIREMENT: A complex that pu following prima Special Tactics Control. Focus team tactics, a for primary AFS a deployed, fiel land navigation and physical the per week. The loads and exten instructors. CURRENT SITUAT: directed the C: (IPT) to invest CBAT skills and Team (TPT) held (CTS) which was IMPACT IF NOT 1 risk environment in those condit ADDITIONAL: TH 1190, Facility Requirements Ha status quo were could meet the A certificate o 8,861 SM = 95,3 JOINT USE CERT available basis	truct a A USAF a covides ary skil s Office s of the and fund 3C tech eld envi a, self- caining. scope of nded cur ton: Fa lose Ain cigate t d a sing 14-15 s furthe PROVIDEI hts with cions. here is Plannin andbook. e consid mission of excep 379 SF. IFICATIO s; howey	Common Battlefield and AETC initiated common ground comba lls: Pararescue, C ers, Combat Weather, a school will be phy lamental knowledge r schools. CBAT will ironment. Small arm aid and buddy care . Training will be of work includes new criculum for Surviva acilities do not cur r Support/Battlefiel the feasibility of c gle course of action Sep 04. The 37 TRC er refined by the BA D: Without this pro- h insufficient train no criteria/scope f mg and Design Guide . All known alternat dered during the dev n requirements; the ption has been prepa- DN: This facility ca-	Airman Common at and o Combat 1 , Combat , Eval , Combat , Eval , Combine , Sevelo , A IPT , So , Combine , Combine , Sevelo , Combine ,	Training Comp Battlefield A. communication a Rescue Officer t Weather Officer t Weather Officer t Weather Officer t Weather Officer t Weather Officer ers (math phys. de basic ground ons qualificat. PR, communicat. ted for 25 days ities to accomm sion, Resistand exist to supp- an (CAS/BA) ind the battlefice selected at the oped a strawman -9 Nov 04. irmen will com- eded to survive s project in P AFH 32-1084, S tions includin nt of this pro an economic a POC: Maj Alle sed by other c ect is based o	lex (New Mission irman Training skills training , Combat Contro cers, and Tacti- nclude water ex- ics) to prepare d combat skills ion, weapons em- ions, field cra- s, 10 hours per- modate increase ce, and Escape ort CBAT. The tegrated planni- eld training. e CBAT Training n Course Training tinue to deploy e and operate en- art II of Milit tandard Facilit g conversion, 1 ject. No other nalysis was not n Thibeaux DSN omponents on an n Air Force red	<pre>>n) (CBAT) ; for the >l Team, .cal Air rents), small > trainees ; training in aployment, aft skills : day, 5 days ed class (SERE) SECAF ing team The basic ; Planning ing Standard ? to high- effectively :ary Handbook :y leasing and : option : performed. 487-7521; h as guirements.</pre>			

1. COMPONENT		FY 2007 MILITARY CONSTRUCTION PROJECT DATA 2. DATE						
AIR FORCE		(comput)	er gene	rated)				
3. INSTALLATIO	ON AND LO	OCATION		4. PROJECT 1	TTE			
WW - UNSPECIF	IED			COMMON BATTI COMPLEX (AEI	LEFIELD AIRMAN C)	TRAINING		
5. PROGRAM EL	EMENT	6. CATEGORY CODE	7. PRO	ST (\$000)				
84731		179-371	QS	EU053023	14,	200		
12. SUPPLEMEN	TAL DATA	:						
a. Estimate	d Design	Data:						
(1) Statu	s:							
(a) Da	te Desig	n Started			15	-AUG-05		
(b) Pa	rametric	Cost Estimates used	d to dev	velop costs		YES		
* (c) Pe	rcent Co	mplete as of 01 JAN	2006			15%		
* (d) Da	te 35% D	esigned			30	-NOV-05		
(e) Da	te Desig	n Complete			30	-SEP-06		
(f) En	ergy Stu	dy/Life-Cycle analys	sis was/	will be perfo	ormed	YES		
(2) Basis	:							
(a) St	andard c	r Definitive Design	-			NO		
(b) Wh	ere Desi	gn Was Most Recently	7 Used -					
(3) Total	Cost (c) = (a) + (b) or (d)	+ (e):			(\$000)		
(a) Pr	oduction	of Plans and Specif	Eicatior	ıs		852		
(b) Al	l Other	Design Costs				426		
(c) To	tal					1,278		
(d) Co	ntract					1,065		
(e) In	-house					213		
(4) Const	ruction	Contract Award				07 JAN		
(5) Const	ruction	Start				07 MAR		
(6) Const	ruction	Completion				08 JUN		
* Indicat which i cost an	es compl s compar d execut	etion of Project Def able to traditional ability.	inition 35% des	with Paramet	tric Cost Esti e valid scope,	mate		

b. Equipment associated with this project provided from other appropriations: $N/{\rm A}$

						DRAF I	T		
1. COMPONENT	FY 2007 MILITARY CONSTRUCTION PROJECT DATA 2. DATE								
AIR FORCE		(compu	iter ge	nerate	ed)				
3. INSTALLATION AND LOCATION 4					4. PROJECT TITLE				
CLASSIFIED LOCATION				SPECIAL EVALUATION PROGRAM					
5. PROGRAM ELEMENT 6. CATEGORY CODE 7. 1			7. PRC	. PROJECT NUMBER 8. PROJECT			COST (\$000)		
27248 215-554			P	AYZ070	0004	4,600			
9. COST ESTIMATES									
		ITEM		U/M	OUANTITY	UNIT	COST		
SPECIAL EVALUATI	ON PROGR	АМ					4,600		
SPECIAL EVALUAT	ION PROG	RAM		LS			(4,600)		
SUPPORTING FACIL	ITIES						0		
SUBTOTAL							4,600		
TOTAL CONTRACT C	OST						4,600		
TOTAL REQUEST							4,600		
TOTAL REQUEST (R	OUNDED)						4,600		
10. Descriptio	on of Pr	coposed Construction	1:		1				

1. COMPONENT		FY 2007 MILITARY C	ONSTRUC	TION PROJECT	DATA	2. DATE		
AIR FORCE (computer generated)								
3. INSTALLATION AND LOCATION 4. PROJECT TITLE								
CLASSIFIED LOCATION SPECIAL EVALUATION PROGRAM								
5. PROGRAM ELI	EMENT	6. CATEGORY CODE	7. PROJ	JECT NUMBER	8. PROJECT COST (\$000)			
27248		215-554	PA	PAYZ070004 4,600				
12. SUPPLEMENT	TAL DATA	:						
a. Estimate	d Design	Data:						
(1) Statu	s:							
(a) Da	te Desig	n Started						
(b) Pa	rametric	Cost Estimates used	l to dev	velop costs		YES		
* (c) Pe	rcent Co	mplete as of 01 JAN	2006					
* (d) Da	te 35% I	Designed						
(e) Da (f) En	te Desig	n Complete		will be nowf	i o mmo d	NO		
	ergy stu	dy/Life-Cycle analys	sis was/	will be peri	ormed	NO		
(2) Basis	:							
(a) St	andard c	or Definitive Design	-			NO		
(b) Wh	ere Desi	gn Was Most Recently	7 Used -					
(3) Total	Cost (c	(a) = (a) + (b) or (d)	+ (e):			(\$000)		
(a) Pr	oduction	of Plans and Specif	Eication	ıs		0		
(b) Al		0						
(c) To	tal					0		
(d) Contract						0		
(e) In-house								
(4) Consti	ruction	Contract Award						
(5) Const	ruction	Start						
(6) Const	ruction	Completion						
* Indicat	es compl	etion of Project Def	inition	with Parame	tric Cost Esti	mate		
which is	s compar	able to traditional	35% des	ign to ensur	e valid scope,			
cost and	d execut	ability.						
b. Equipmen	t associ	ated with this proje	et prov	rided from ot	her appropriat	ions:		
N/A			prov	1000 1100 00	mer appropriae	20110		

						Didii I	<u> </u>		
1. COMPONENT	FY 2007 MILITARY CONSTRUCTION PROJECT DATA 2. DATE								
AIR FORCE		(compu	uter ge	nerate	ed)				
3. INSTALLATIO	N AND L	OCATION		4. P	ROJECT TI	TLE			
CLASSIFIED LOCATION					SPECIAL TACTICAL UNIT DETACHMENT FACILITY				
5. PROGRAM ELE	ELEMENT 6. CATEGORY CODE 7. PRO			JECT NUMBER 8. PROJECT			COST (\$000)		
27248		999-999	PZ	AYZ070	0007	3,377			
9. COST ESTIMATES									
				TT / 16	OTTO NUT THE	UNIT	COST		
		TIRM		U/M_	QUANTITY				
PRIMARY FACILITI	ES						3,377		
SPECIAL TACTICA	L UNIT D	DETACHMENT FACILITY		LS			(3,377)		
SUPPORTING FACIL	ITIES						0		
SUBTOTAL							3,377		
TOTAL CONTRACT C	OST						3,377		
SUPERVISION, INS	PECTION	AND OVERHEAD	(6.5%)				220		
TOTAL REQUEST							3,597		
TOTAL REQUEST (R	OUNDED)						3,377		
10. Description	on of Pr	roposed Construction	1:						
REQUIREMENT: S	Special	Access Required.							
DRAFT 1

1. COMPONENT	1. COMPONENT FY 2007 MILITARY CONSTRUCTION PROJECT DATA 2. DATE								
AIR FORCE		(compute	er gene	rated)					
3. INSTALLATIO	ON AND L	OCATION		4. PROJECT 1	TTLE				
CLASSIFIED LO	CATION			SPECIAL TACT FACILITY	ICAL UNIT DET	ACHMENT			
5. PROGRAM EL	EMENT	6. CATEGORY CODE	7. PROJ	JECT NUMBER	8. PROJECT CO	ST (\$000)			
27248		999-999	PA	PAYZ070007 3,377					
12. SUPPLEMEN	TAL DATA	.:							
a. Estimate	d Design	Data:							
(1) Statu	s:	_							
(a) Da	te Desig	n Started	to dor	rolon gogta		VEC			
(D) Pa	rametric	COST ESTIMATES USED	2006	relop costs		YES			
* (d) Da	te 35% I	Designed	2000						
(e) Da	te Desig	n Complete							
(f) En	ergy Stu	dy/Life-Cycle analys	sis was/	will be perfo	ormed	NO			
(2) Basis	:								
(a) St	andard c	or Definitive Design	-			NO			
(b) Wh	ere Desi	.gn Was Most Recently	y Used -	-					
(3) Total	Cost (c	(a) + (b) or (d)	+ (e):			(\$000)			
(a) Pr	0								
(b) Al		0							
(c) To	0								
(a) Co (e) In	-house					0			
(4) Const	ruction	Contract Award							
(5) Const	ruction	Start							
(6) Const	ruction	Completion							
* Indicat	es compl	etion of Project Def	inition	with Paramet	tric Cost Esti	mate			
which i	s compar	able to traditional	35% des	ign to ensure	e valid scope,				
cost an	d execut	ability.							
b. Equipmen N/A	t associ	ated with this proje	ect prov	lded from oth	ner appropriat	lons:			

[
1. COMPONENT FY 2007 MILITARY CONSTRUCTION PROJECT DATA 2. DATE								
AIR FORCE		(compu	uter genera	ted)				
3. INSTALLATIC	N AND L	OCATION	4.	PROJECT TI	TLE			
CLASSIFIED LOG	CATION		CLZ	SSIFIED MI	LCON PROJECT	·		
5. PROGRAM ELE	MENT	6. CATEGORY CODE	7. PROJEC	NUMBER	8. PROJECT COST (\$000)			
27248		111-111	PAYZO	70003	L,700			
		9. COS'	T ESTIMATI	S				
					UNIT	COST		
		ITEM	U/	M QUANTITY				
CLASSIFIED MILCO	N PROJEC	Т				1,700		
CLASSIFIED MILC	ON PROJE	CT	L	5		(1,700)		
SUPPORTING FACIL	ITIES					0		
SUBTOTAL						1,700		
TOTAL CONTRACT C	OST					1,700		
TOTAL REQUEST						1,700		
TOTAL REQUEST (R	OUNDED)					1,700		
10. Descriptio	on of Pr	coposed Construction	n:					
11. Requirement	::	Adequate: Subs	standard:					
FRODECT. AS IS	equirea.							
REQUIREMENT:	special	access required.						

1. COMPONENT		FY 2007 MILITARY CONSTRUCTION PROJECT DATA 2. DATE						
AIR FORCE	FORCE (computer generated)							
3. INSTALLATIO	ON AND LO	OCATION		4. PROJECT TIT	LE			
CLASSIFIED LOCATION CLASSIFIED MILCON PROJECT								
5. PROGRAM EL	EMENT	6. CATEGORY CODE	7. PF	OJECT NUMBER	8. PROJECT CO	ST (\$000)		
27248		111-111	I	PAYZ070003	1,	700		
12. SUPPLEMENTAL DATA:								
a. Estimate	a. Estimated Design Data:							
(1) Project to be accomplished by design-build procedures								
(2) Basis:								
(a) St (b) Wh	andard o here Desi	or Definitive Design ign Was Most Recently	- 7 Usec	l -		NO		
(3) All O	ther Des	ign Costs				0		
(4) Const	ruction	Contract Award						
(5) Const:	ruction	Start						
(6) Const:	ruction	Completion						
(7) Energ	(7) Energy Study/Life-Cycle analysis was/will be performed NO							
b. Equipment associated with this project provided from other appropriations: N/A								

1. COMPONENT		FY 2	2007 M	ILITAR		RUCTIO	N PROG	RAM	2. DATE	
AIR FORCE										12/22/05
3. INSTALLATION AND	LOCAT	ION		4. COI	MMAND:			5. ARE	A CONST	
RAMSTEIN AIR BASE,				US AIR	FORCES	5	COST IN	NDEX		
GERMANY				EUROF	PE			1.20		
6. Personnel	Р	ERMANI	ENT	S	FUDENTS		SL	IPPORTE	D	
Strength	OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV	TOTAL
AS OF 22 Dec 05	1770	7985	3395	0	C	0 0	0	0	11,062	24,212
END FY 2009										
7. INVENTORY DATA (S	\$000)									
a. Total Acreage:		5,028								
b. Inventory Total as of :	(22 De	c 05)								3,659,323
c. Authorization Not Yet	in Inven	tory:								558,550
d. Authorization Requested in this Program:								53,150		
e. Authorization Included	e. Authorization Included in the Following Program: (FY 2008) 34,460									
f. Planned in Next Three	Planned in Next Three Years Program: 41,500									
g. Remaining Deficiency:									396,680	
h. Grand Total:										4,743,663
8. PROJECTS REQUES	STED IN	THIS PI	ROGR/	AM:			(FY 200)7)		
CATEGORY								COST	DESIGN	STATUS
<u>CODE</u>	<u>PROJE</u>	CT TITL	<u>E</u>			<u>SCOPE</u>		\$,000	<u>START</u>	CMPL
113-321	Ramp 1	l, Phase	, Phase 2 77,000 SM 2							Sep-06
211-111	C-130J	Dual-Ba	iy Main	tenance	e Hangar	6,900	SM	22,000	May-05	Sep-06
442-758	C-130J	Aircraft	Parts S	Storage		1,700	SM	3,300	May-05	Sep-06
						Total		53,150		
0a Euturo Projecto: Inc	ludad in	the Foll	wing E	Program		(EV200	0)			
9a. Future Frojects. Inc.	loint M	obility Dr	ocossii	ng Cont	or	7 3 1 5	0) SM	23 000		
141-700	Small C	Voliny Fi	Bombo	Eac D	ei h 2	1 350	SM	23,900		
422-204		nametei	Domba	5 T aC, F	11 2	Total	SIVI	34 460	-	
						Total		54,400		
9b. Future Projects: Typ	oical Pla	nned Ne	xt Thre	e Years	:					
218-712 FY09	AGE M	aintenan	ce Cor	nplex		4,000	SM	9,900		
141-454 FY10	Conting	ency Re	sponse	e Group	, PH. II	7,700	SM	20,400		
141-753 FY11	Squad	OPS/AM	U 37A	s .	-	3,561	SM	11,200		
	·					Total		41,500	•	
9c. Real Propery Mainte	nance B	Backlog T	his Ins	tallation	(\$M)					175
10. Mission or Maior Fur	nctions:	A host a	irlift wir	na suppo	orting a C-	130E sai	Jadron a	nd a squa	adron com	posed of
C-20A. and C-21A aircra	ft: Head	quarters	. United	d States	Air Forces	s in Euro	pe: and l	NATO Co	mmand C	omponent
Air HQ Ramstein, GE.	,	4	,				p 0, 0.10			
11. Outstanding pollution	n and Sa	alety (OS	DHA) D	ericienci	es:			~		
a. Air pollution:								0		
h Water Pollution								0		
								0		
c. Occupational Safe	ty and F	lealth						0		
		Gaitti						0		
d. Other Environmer	ntal:							0		
	- 									

DD Form 1390, 24 Jul 00

1. COMPONENT		FY 2007 MILITARY	CONSTRU	JCTION	I PROJECT	DATA	2. DATE
AIR FORCE	IR FORCE (computer generated)						
3. INSTALLATIC	N AND L	OCATION		4. PROJECT TITLE			
RAMSTEIN AIR E	BASE, GE	RMANY		RAMP 1, PHASE II			
5. PROGRAM ELE	EMENT 6. CATEGORY CODE 7. PROJECT			JECT 1	NUMBER	8. PROJECT CO	OST (\$000)
27596		113-321	TY	FR033	0412	27,	850
		9. COS	T ESTII	MATES			
		ITEM		U/M	OUANTITY	UNIT	COST
					~		10 155
RAMP I, PHASE II							13,175
APRON				SM	77,000	150	(11,573)
PAVED SHOULDERS	PAVED SHOULDERS				16,000	100	(1,602)
SUPPORTING FACIL	ITIES						11,628
STORM WATER COL	LECTION	SYSTEM		LS			(405)
SITE IMPROVEMEN	ITS			LS			(1,604)
APRON LIGHTING	& FIRE H	YDRANTS		LS			(803)
ENVIRONMENTAL R	REMEDIATI	ON		LS			(657)
RELOCATE UTILIT	IES/COMM	POL PIPELINE/ROAD		LS			(2,326)
PASSIVE FORCE F	ROTECTIO	N MEASURES		LS			(49)
REPLACE JP-8 FUEL STORAGE TANK							(4,511)
REFORESTATION				LS			(67)
DEMOLISH 2001 (AC SHELT	ER)		SM	527	267	(140)
DEMOLISH 2021, 2079, 2098 (FACILITIES)				SM	188	192	(36)
DEMOLISH POL TA	NK			LS			(705)
DEMOLISH APRON				SM	3,614	90	(325)
SUBTOTAL							24,803
CONTINGENCY	(5.0%)					1,240
TOTAL CONTRACT C	OST						26,043
SUPERVISION, INS	PECTION	AND OVERHEAD	(6.5%)				1,693
TOTAL REQUEST							27,736
TOTAL REQUEST (R	OUNDED)						27,850
10. Descriptio	on of Pr	oposed Construction	n: All	civil	, structu	ural, electric	al, utility
and communication	lon work	necessary to const	ruct a	77,00	0 SM cond	rete apron an	d 16,000 SM
paved shoulders	s to inc	lude striping, ligh	nting, a	nd fi	.re hydrar	its. Also inc	ludes
relocating and	extendi	ing utilities, commu	inicatio	ns, F	OL pipeli M of faci	lnes, a JP-8 t	ank, as well
Apron. This p	coject w	vill comply with Dol) antite	rrori	sm/force	protection re	guirements
per unified fac	cilities	criteria and regio	onal for	ce pr	otection	standards.	1
11. Requirement	: 24337	6 SM Adequate: 0) SM	Subst	andard: 5	5234 SM	
PROJECT: Const	truct Ra	amp 1. (Current Mis	ssion)				
REQUIREMENT: 7	The apro	n is required to pr	covide s	pace	for adequ	ate aircraft	parking,
servicing and 1	- Loading	of assigned C-130J-	-30 Tact	ical	- Transport	Aircraft.	Ramstein will
receive the fir	st stre	tched C-130s in FY	09 as a	ssign	ed missio	on aircraft.	Moving the
assigned aircra	aft to a	n area best suited	for the	ir ty	pe is req	uired to prom	ote a safe
work environmen	nt and m	uinimize potential m	nishaps.	Thi	s is the	second phase	of a four-
pnase project a	una prov	Tig requesting NAT	en C-130	-30 -1+	aircraft	Program (NG	II WILL be
the fourth phas	ny USAF Se. The	supporting facilit	ies cos	ts ex	ceed 25%	of the primar	v facilities
		interesting fulling	000			primar	

1. COMPONENT	FY 2007 MILITARY CONSTRUCTION PROJECT DATA 2. DATE					
AIR FORCE	(computer generated)					
3. INSTALLATIO	INSTALLATION AND LOCATION 4. PROJECT TITLE					
RAMSTEIN AIR B	RAMP 1, PHASE II					
5. PROGRAM ELE	MENT 6. CATEGORY CODE	7. PROJECT NUMBER 8.	PROJECT COST (\$000)			

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.

TYFR0330412

27,850

113 - 321

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.

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.

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.

FOREIGN CURRENCY: FCF Budget Rate Used: EURO-DOLLAR .8785

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.

27596

3. INSTALLATION AMSTEIN AIR BA 27596 12. SUPPLEMENTA a. Estimated (1) Status (a) Dat (b) Par * (c) Per * (d) Dat (f) Ene (2) Basis: (a) Stat (b) Whe (3) Total 0 (a) Pro (b) All (c) Tot (d) Con	MAND LOCATION ASE, GERMANY MENT 6. CATEGORY CODE 113-321 AL DATA: Design Data: : e Design Data: : e Design Started ametric Cost Estimates used cent Complete as of 01 JAN e 35% Designed e Design Complete rgy Study/Life-Cycle analys ndard or Definitive Design re Design Was Most Recently Cost (c) = (a) + (b) or (d)	4. PROJECT RAMP 1, PHA 7. PROJECT NUMBER TYFR0330412 d to develop costs 2006 sis was/will be perf - y Used -) + (e):	TITLE SE II 8. PROJECT COST (\$00 27,850 10-MAY-05 YES 15% 10-AUG-05 15-SEP-06 Cormed YES NO
RAMSTEIN AIR BA 5. PROGRAM ELE 27596 12. SUPPLEMENTA a. Estimated (1) Status (a) Dat (b) Par * (c) Per * (d) Dat (c) Dat (c) Status (a) Status (c) Per * (d) Dat (c) Total (c) (c) Tot (d) Con	ASE, GERMANY MENT 6. CATEGORY CODE 113-321 AL DATA: Design Data: : e Design Data: : e Design Started ametric Cost Estimates used cent Complete as of 01 JAN e 35% Designed e Design Complete rgy Study/Life-Cycle analys ndard or Definitive Design re Design Was Most Recently Cost (c) = (a) + (b) or (d)	RAMP 1, PHAS 7. PROJECT NUMBER TYFR0330412 d to develop costs 2006 sis was/will be perf - y Used -) + (e):	SE II 8. PROJECT COST (\$00) 27,850 10-MAY-05 YES 15% 10-AUG-05 15-SEP-06 Formed YES NO
5. PROGRAM ELE 27596 12. SUPPLEMENTA a. Estimated (1) Status (a) Dat (b) Par * (c) Per * (d) Dat (c) Dat (f) Ene (2) Basis: (a) Stat (b) Whe (3) Total (c) (b) All (c) Tot (d) Con	MENT 6. CATEGORY CODE 113-321 AL DATA: Design Data: : e Design Started ametric Cost Estimates used cent Complete as of 01 JAN e 35% Designed e Design Complete rgy Study/Life-Cycle analys ndard or Definitive Design re Design Was Most Recently Cost (c) = (a) + (b) or (d)	<pre>7. PROJECT NUMBER TYFR0330412 d to develop costs 2006 sis was/will be perf - y Used -) + (e):</pre>	8. PROJECT COST (\$00 27,850 10-MAY-05 YES 15% 10-AUG-05 15-SEP-06 Formed YES NO
27596 12. SUPPLEMENT: a. Estimated (1) Status (a) Dat (b) Par * (c) Per * (d) Dat (c) Dat (f) Ene (2) Basis: (a) Sta (b) Whe (3) Total (c) (a) Pro (b) All (c) Tot (d) Con	113-321 AL DATA: Design Data: : e Design Started ametric Cost Estimates used cent Complete as of 01 JAN e 35% Designed e Design Complete rgy Study/Life-Cycle analys ndard or Definitive Design re Design Was Most Recently Cost (c) = (a) + (b) or (d)	<pre>TYFR0330412 d to develop costs 2006 sis was/will be perf - y Used -) + (e):</pre>	27,850 10-MAY-05 YES 15% 10-AUG-05 15-SEP-06 Formed YES NO
<pre>12. SUPPLEMENT: a. Estimated (1) Status (a) Dat (b) Par * (c) Per * (d) Dat (e) Dat (f) Ene (2) Basis: (a) Stat (b) Whee (3) Total 0 (a) Pro (b) All (c) Tot (d) Con</pre>	AL DATA: Design Data: : e Design Started ametric Cost Estimates used cent Complete as of 01 JAN e 35% Designed e Design Complete rgy Study/Life-Cycle analys ndard or Definitive Design re Design Was Most Recently Cost (c) = (a) + (b) or (d)	d to develop costs 2006 sis was/will be perf - y Used -) + (e):	10-MAY-05 YES 15% 10-AUG-05 15-SEP-06 Formed YES NO
 (1) Status (a) Dat (b) Par * (c) Per * (d) Dat (e) Dat (f) Ene (2) Basis: (a) Stat (b) Whe (3) Total (c) Tot (c) Tot (d) Con	: e Design Started ametric Cost Estimates used cent Complete as of 01 JAN e 35% Designed e Design Complete rgy Study/Life-Cycle analys ndard or Definitive Design re Design Was Most Recently Cost (c) = (a) + (b) or (d)	d to develop costs 2006 sis was/will be perf - y Used -) + (e):	10-MAY-05 YES 15% 10-AUG-05 15-SEP-06 formed YES NO
<pre>(b) Par</pre>	ametric Cost Estimates used cent Complete as of 01 JAN e 35% Designed e Design Complete rgy Study/Life-Cycle analys ndard or Definitive Design re Design Was Most Recently Cost (c) = (a) + (b) or (d)	d to develop costs 2006 sis was/will be perf - y Used -) + (e):	YES 15% 10-AUG-05 15-SEP-06 Formed YES NO
<pre>* (c) Per * (d) Dat (e) Dat (f) Ene (2) Basis: (a) Sta (b) Whe (3) Total ((a) Pro (b) All (c) Tot (d) Con</pre>	cent Complete as of 01 JAN e 35% Designed e Design Complete rgy Study/Life-Cycle analys ndard or Definitive Design re Design Was Most Recently Cost (c) = (a) + (b) or (d)	2006 sis was/will be perf - y Used -) + (e):	15% 10-AUG-05 15-SEP-06 Formed YES NO
<pre>* (d) Dat (e) Dat (f) Ene (2) Basis: (a) Sta (b) Whe (3) Total ((a) Pro (b) All (c) Tot (d) Con</pre>	e 35% Designed e Design Complete rgy Study/Life-Cycle analys ndard or Definitive Design re Design Was Most Recently Cost (c) = (a) + (b) or (d)	sis was/will be perf - y Used -) + (e):	10-AUG-05 15-SEP-06 Formed YES NO
<pre>(e) Dat (f) Ene (2) Basis: (a) Sta (b) Whe (3) Total ((a) Pro (b) All (c) Tot (d) Con</pre>	e Design Complete rgy Study/Life-Cycle analys ndard or Definitive Design re Design Was Most Recently Cost (c) = (a) + (b) or (d)	sis was/will be perf - y Used -) + (e):	15-SEP-06 Formed YES
(f) Ene (f) Ene (2) Basis: (a) Sta (b) Whe (3) Total ((a) Pro (b) All (c) Tot (d) Con	rgy Study/Life-Cycle analys ndard or Definitive Design re Design Was Most Recently Cost (c) = (a) + (b) or (d)	sis was/will be perf _ y Used -) + (e):	Formed YES
 (2) Basis: (a) Sta (b) Whe (3) Total (a) Pro (b) All (c) Tot (d) Con 	ndard or Definitive Design re Design Was Most Recently Cost (c) = (a) + (b) or (d)	- y Used -) + (e):	NO
 (a) Sta (b) Whe (3) Total (a) Pro (b) All (c) Tot (d) Con 	ndard or Definitive Design re Design Was Most Recently Cost (c) = (a) + (b) or (d)	- y Used -) + (e):	NO
(3) Total ((a) Pro (b) All (c) Tot (d) Con	Cost (c) = (a) + (b) or (d)) + (e):	
(a) Pro (b) All (c) Tot (d) Con			(\$000)
<pre>(b) All (c) Tot (d) Con</pre>	duction of Plans and Specif	fications	1,671
(c) Tot (d) Con	Other Design Costs		836
(d) Con	al		2,507
	tract		2,228
(e) In-	house		279
(4) Constru	uction Contract Award		07 JAN
(5) Constru	uction Start		07 FEB
(6) Constr	uction Completion		09 FEB
* Indicates which is cost and	s completion of Project Def comparable to traditional executability.	Einition with Parame 35% design to ensur	etric Cost Estimate re valid scope,
b. Equipment N/A	associated with this proje	ect provided from ot	her appropriations:

1. COMPONENT		FY 2007 MILITARY	CONSTRU	OTION	I PROJECT	DATA	2. DATE
AIR FORCE		(compu	iter ger	nerate	ed)		
3. INSTALLATIO	N AND L	OCATION		4. PROJECT TITLE			
RAMSTEIN AIR B	ASE, GE	RMANY		C-130J DUAL-BAY MAINTENANCE HANGAR			
5. PROGRAM ELE	MENT	6. CATEGORY CODE	7. PRO	JECT 1	NUMBER	8. PROJECT (COST (\$000)
41132		211-111	тч	FR073	093	22	,000
		9. COS	T ESTIN	ATES			
		ITEM		U/M	OUANTITY	UNIT	COST
					-		
C-130J DUAL-BAY	MAINTENA	NCE HANGAR					17,172
HANGAR				SM	6,900	2,276	(15,704)
APRON				SM	6,480	137	(888)
ANTITERRORISM/F	ORCE PRO	TECTION		SM	6,900	22	(152)
INTERIOR COMMUN	ICATION			SM	6,900	62	(428)
SUPPORTING FACIL	ITIES						2,567
UTILITIES				LS			(530)
STORMWATER DRAI	NAGE			LS			(230)
ENVIRONMENTAL S	UPPORT			LS			(40)
PASSIVE FORCE P	ROTECTIO	N MEASURES		LS			(58)
EXTERIOR COMMUN	ICATION	SUPPORT		LS			(540)
DEMOLITION				SM	1,730	311	(539)
SITE IMPROVEMENTS				LS			(630)
SUBTOTAL							19,739
CONTINGENCY	(5.0%)					987
TOTAL CONTRACT C	OST						20,725
SUPERVISION, INS	PECTION	AND OVERHEAD	(6.5%)				1,347
TOTAL REQUEST							22,073
TOTAL REQUEST (R	OUNDED)						22,000
EQUIPMENT FROM O	THER APP	ROPRIATIONS (NON-ADD)					(501.0)
10. Descriptio	on of Pr	oposed Construction	n: All	i	. structu	ral. mechani	cal.
electrical, and	l commun	ication supporting	work ne	cessa	ry for th	ne constructi	on of a dual-
bay maintenance	hangar	to accommodate C-1	.30 airc	raft.	Scope o	of work also	includes a
receiving apror	n, fire	suppression system,	envirc	nment	al suppor	rt and storm	water
drainage, demol	lition c	of buildings (1,535	SM), as	well	as AT/FI	measures.	Building
construction wi	ll be h	igh bay with concre	ete foun	datio	ons, floor	slab, multi	-structural
include all oth	er nece	ated metal walls, a	und iree	in co	mpliance	with current	US Air Force
and German regu	lations				mpiiunee	with current	05 111 10100
11. Requirement	: 6900	SM Adequate: 0 S	SM Su	bstar	dard: 549	06 SM	
- PROJECT: Const	-ruct C-	- 130 dual-bay mainte	enance h	angai	. (New M	(ission)	
REQUITREMENT: 7	perman	ent dual-bay mainte	enance h	angar	of adem	ate size and	configuration
is required to	provide	all-weather mainte	enance c	apabi	lity for	periodic sch	eduled and
unscheduled mai	Intenanc	e of the C-130. Pr	oject m	ust c	comply wit	h regional a	nti-terrorism
force protectio	on stand	lards, as well as sa	afety st	andar	ds.		
CURRENT SITUAT	ION: Th	e currently existir	ng aircr	aft n	aintenanc	e hangars or	Ramstein AB
were designed a	and buil	t in the 1950's for	fighte	r air	craft. 1	hey were par	tially
modified in 199	4 to su	pport phased mainte	enance c	of C-1 win~	30 trans	ort aircraft	, due to the
LIANSILION OF F		AD LIOM A IOIMER I	rgiter	wing	LU A TACT		willy. Salety
DD FORM 1391. D	EC 99	Previous ed	itions	are o	bsolete.		Page No.

ıge NC

	1. COMPONENT	COMPONENT FY 2007 MILITARY CONSTRUCTION PROJECT DATA 2. DATE						
	AIR FORCE		(Compu	iter gei	nerated)			
	3. INSTALLATIO	N AND L	OCATION		4. PROJECT TI	TLE		
	RAMSTEIN AIR B	BASE, GE	RMANY		C-130J DUAL-B	AY MAINTENANCE	HANGAR	
	5. PROGRAM ELE	MENT	6. CATEGORY CODE	7. PRO	JECT NUMBER	8. PROJECT CO	ST (\$000)	
	41132		211-111	ТУ	FR073093	22,0	000	
5 5 5 5 5 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	standards requi aircrafts to be airfield in cor the existing C- IMPACT IF NOT F assigned, trans uncompleted req to lack of prop vital requireme 86 AW and other adverse impacts capabilities. accomplishment for the Europea ADDITIONAL: A	ire peri ire peri -130 har PROVIDEI sient, a quired p per main r associ s, negat This wi of the an theat	odic maintenance ir hangars for up to on with the Rhein Ma agars to meet missic o: The Airlift Wing and TDY C-130 aircra periodic maintenance tenance and eventua ligeopardize the ove lated contingency ar cively affecting Eur ill be one of the ke base's new role as cer.	aspectic ten day in Tran on requi g will n aft. The or tes ally cea erall re ad wart: copean a ey facto the pr: ay be Na	ons critical to rs. Realignment insition Program irements. Not be able to bese circumstant sting. Aircrast ase to operate eadiness and m ime tactical as and Middle East ors for the suc imary strategie ATO eligible, a	o the mission a nt of the exist adequately main nces will lead ft components w . Failure to s ission performation irlift missions t theater mission c and tactical and a precaution	and require ting Ramstein ocation of intain to will fail due support this ance of the s, leading to ion airlift hub	
I	prefinancing st	tatement	will be submitted	to NAT) in the event	future eligib	ility is	
5	supported by th	he NATO	Infrastructure Com	ittee.	This project	meets the crit	ceria/scope	
5	specified in AM	FH 32-10)84, "Facility Requi	rement	s". A prelimi	nary analysis o	of reasonable	
0	options was don	ne and i	indicated that only	one opt	ion meets ope	rational requi	rements.	
1	Therefore an economic analysis was not performed. A certificate of exception has been							

011-49-6371-47-6228. (Hangar: 6,900 SM = 74,271 SF, Apron: 6,480 SM = 69,750 SF).

FOREIGN CURRENCY: FCF Budget Rate Used: EURO-DOLLAR .8785

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.

prepared. BASE CIVIL ENGINEER: Col. Carlos R. Cruz-Gonzalez, DSN 314-480-6228, comm

1. COMPONENT		FY 2007 MILITARY	CONSTRUC	IION PROJECT	DATA	2. DATE			
AIR FORCE		(comp	iter gene	rated)					
3. INSTALLATIO	ON AND LO	DCATION		4. PROJECT	TITLE				
RAMSTEIN AIR	BASE, GE	RMANY		C-130J DUAL	-BAY MAINTENAN	CE HANGAR			
5. PROGRAM EL	EMENT	6. CATEGORY COD	5 7. PRO	JECT NUMBER	8. PROJECT CO	ST (\$000)			
41132		211-111	TY	FR073093	22,	000			
12. SUPPLEMEN	TAL DATA	:							
a. Estimate	d Design	Data:							
(1) Statu	s:	a 1							
(a) Date Design Started 10-MAY-05 (b) Parametric Cost Estimates used to develop costs VES									
(D) Fa	rcent Co	mplete as of 01 JZ	N 2006	erop coscs		15%			
(c) ic * (d) Da	te 35% D	esigned	1 2000		10	-AUG-05			
(e) Da	te Desig	n Complete			10	-SEP-06			
(f) En	ergy Stu	_ dy/Life-Cycle anal	ysis was,	will be perf	ormed	NO			
(a) - I									
(2) Basis	:								
(a) St (b) Wh	andard o ere Desi	r Definitive Desig gn Was Most Recent	n - ly Used ·			NO			
(3) Total	Cost (c) = (a) + (b) or (d) + (e):			(\$000)			
(a) Pr	oduction	of Plans and Spec	ification	າຮ		1,320			
(b) Al	l Other	Design Costs				660			
(c) To	tal					1,980			
(d) Co	ntract					1,760			
(e) In	-house					220			
(4) Const	ruction (Contract Award				07 JAN			
(5) Const	ruction	Start				07 FEB			
(6) Const	ruction	Completion				09 FEB			
* Indicat which i cost an	* Indicates completion of Project Definition with Parametric Cost Estimate which is comparable to traditional 35% design to ensure valid scope, cost and executability.								
b. Equipmen	t associ	ated with this pro	ject prov	vided from ot	her appropriat	ions:			
EQUIPMEN	NOMENCI	ATURE A	PROCURIN PPROPRIA	FISC G APPRO TION OR RE	AL YEAR DPRIATED SQUESTED	COST (\$000)			
COMMINIC	TONS E)IIT PMENT	3080		2007	501			

1. COMPONENT AIR FORCE	T FY 2007 MILITARY CONSTRUCTION PROJECT DATA 2. DATE						
3 INSTALLATIC	N AND T	OCATION		4 p	, R0.TECT TT	ጥፐ.ድ	
DAMSTETN ATD B	23 SF (JF	DMANY		C-130.1 ATDCDAFT DADTS STODACT			
	MOE, GE						
5. PROGRAM ELE	MEN T	6. CATEGORY CODE	/. PROC	JECT 1	NUMBER	8. PROJECT C	UST (\$000)
41132		442-758	TYI	R073	0921	3,	300
		9. COS	T ESTIN	IATES	1		
		ттем		TT /M	OUNTER	UNIT	COST
	1111						
C-130J AIRCRAFT	C-130J AIRCRAFT PARTS STORAGE						2,375
WAREHOUSE, HIGH BAY				SM	1,700	1,343	(2,283)
ANTITERRORISM/F	ORCE PRO	TECTION		SM	1,700	14	(24)
INTERIOR COMMUN	ICATION	SUPPORT		SM	1,700	40	(68)
SUPPORTING FACIL	ITIES						594
UTILITIES				LS			(130)
PAVEMENTS				LS			(130)
SITE IMPROVEMENTS				LS			(100)
STORM WATER DRAINAGE				LS			(30)
ENVIRONMENTAL SUPPORT							(10)
PASSIVE FORCE PROTECTION MEASURES				LS			(18)
EXTERIOR COMMUNICATION SUPPORT				LS			(40)
DEMOLITION (FACILITY)				SM	29	257	(7)
DEMOLITION (PAV	EMENT)			SM	500	257	(129)
SUBTOTAL							2,969
CONTINGENCY	(5.0%)					148
TOTAL CONTRACT C	OST					-	3,117
SUPERVISION, INS	PECTION	AND OVERHEAD	(6.5%)				203
TOTAL REQUEST						-	3,320
TOTAL REQUEST (R	OUNDED)						3,300
EQUIPMENT FROM O	THER APP	ROPRIATIONS (NON-ADD)					(201.0)
10. Description	on of Pr	oposed Construction	n: All	civi]	, structu	ural, mechanio	cal,
electrical, and	d commur	nication supporting	work ne	cessa	ary for th	ne constructio	on of an
adequate wareho	ouse to	store C-130 aircraf	ft parts	. So	cope of wo	ork also inclu	ldes
connecting pave	ements,	fire suppression sy	ystem, e	nviro	onmental s	support and si	corm water
construction wi	ill be b	igh bay with concre), as we	datio	ons. flooi	r slab. multi	-structural
steel frame wit	ch insul	ated metal walls, a	and free	spar	n pitched	roof. The wo	ork shall
include all oth	ner nece	essary support and m	must be	in co	mpliance	with current	US Air Force
and German regu	ulations						
11. Requirement	: 4560	SM Adequate: 0 S	SM Su	bstar	dard: 23	52 SM	
PROJECT: Construct a C-130 Aircraft Parts Storage facility. (New Mission)							
REQUIREMENT: A	A one-st	op flightline airc	rafts pa	rts s	storage fa	acility is rea	quired for
processing and maintenance, ad	storage ljacent	e of aircraft parts to the newly constr	and equ ructed R	ipmer amp 1	nt in dire	ect support of project enable	E aircraft es the 435th

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	FY 2007 MILITARY CONSTRUCTION PROJECT DATA 2. DATE					
AIR FORCE	(computer generated)					
3. INSTALLATIO	TION AND LOCATION 4. PROJECT TITLE					
RAMSTEIN AIR BASE, GERMANY C-130J AIRCRAFT PA					GE	
5. PROGRAM ELE	MENT 6. CATEGO	ORY CODE 7. 1	PROJECT NUMBER	8. PROJECT CO	ST (\$000)	
41132	442-	758	TYFR0730921	00		

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.

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.

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).

FOREIGN CURRENCY: FCF Budget Rate Used: EURO-DOLLAR .8785

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 (CONSTRUC	TION PROJECT	DATA	2. DATE						
			Jene 1									
5. INSTALLATIO		DUATION		4. PROJECT 1								
RAMSTEIN AIR I	BASE, GE			C-1305 AIRCH	AFT PARTS STO	KAGE						
5. PROGRAM EL	EMENT	6. CATEGORY CODE	7. PRO	JECT NUMBER	8. PROJECT CO	ST (\$000)						
41132		442-758	TYP	R0730921	3,	300						
12. SUPPLEMEN	TAL DATA	:										
a. Estimate	a. Estimated Design Data:											
(1) Statu	s:											
(a) Date Design Started 10-MAY-05 (b) Parametric Cost Estimates used to develop costs												
(b) Parametric Cost Estimates used to develop costs YES												
* (d) Da	+ 25% T	Designed	2000		10	-AUG-05						
(e) Da	te Desic	n Complete			10	-SEP-06						
(f) En	ergy Stu	dy/Life-Cycle analy	rsis was,	will be perf	ormed	YES						
				-								
(2) Basis	:											
(a) St	andard c	or Definitive Design				NO						
(D) WI	lere Desi	gii was Most Recenti	y usea ·	-								
(3) Total	Cost (c	(a) = (a) + (b) or (d)) + (e):	:		(\$000)						
(a) Pr	oduction	of Plans and Speci	ficatio	າຣ		198						
(b) Al	l Other	Design Costs				99						
(c) To	tal					297						
	ntract					264						
(e) II	l-nouse					55						
(4) Const	ruction	Contract Award				07 JAN						
(5) Const	ruction	Start				07 MAR						
(6) Const	ruction	Completion				08 MAR						
* Indicat which i cost an	es compl s compar d execut	etion of Project De able to traditional ability.	finition 35% des	n with Parame sign to ensure	tric Cost Esti e valid scope,	mate						
b. Equipmen	t associ	ated with this proj	ect prov	vided from ot	her appropriat	ions:						
				FISC	AT. YEAR							
EQUIPMENT	nomenci	LATURE AF	PROCURIN PROPRIA	G APPRO	PRIATED QUESTED	COST (\$000)						
SHELVING			3080	2	2007	181						
COMMUNICATION EQUIPMENT 3400 2007												

1. COMPONENT		FY 2	2007 M	ILITAR	Y CONST	RUCTION	I PROG	RAM	2. DATE	
AIR FORCE										
INSTALLATION AND	D LOCATI	ON		COMM	1AND:			5. AREA	CONST	
ANDERSEN AIR FO	RCE BAS	ε		PACIF	IC AIR FO	RCES		COST IND	DEX	
GUAM								2.64		
6. Personnel	PE	RMANENT		S	TUDENTS	5	SL	JPPORTE)	
Strength	OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV	TOTAL
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 DAT	ΓA (\$000)									
Total Acreage:		15,891								
Inventory Total as of	: (30 Sep	o 04)								4,160,476
Authorization Not Ye	t in Invent	tory:								72,040
Authorization Reques	sted in thi	s Program:								80,800
Authorization Include	ed in the F	ollowing P	rogram	1:	(FY 2008)	1				28,593
Planned in Next Thre	e Years I	Program:								129,631
Remaining Deficienc	y:									95,892
Grand Total:										4,567,432
8. PROJECTS REQ	UESTED	IN THIS P	ROGR	AM:			(FY 200	07)		
CATEGORY								COST	DESIGN	STATUS
<u>CODE</u>	PROJEC	<u>T TITLE</u>				<u>SCOPE</u>		\$,000	<u>START</u>	CMPL
730-837	ISR/STF	Large Veh	nicle In	spectio	n Center /	1	LS	12,500	May-05	Sep-06
	Access F	Road								
832-266	Upgrd N	N Field Infr	astruct	ture, Ph	1 of 2	33,255	LM	15,500	May-05	Sep-06
211-111	Global H	awk Aircraf	t Maint	tenance	e and	6,374	SM	52,800	Aug-05	Sep-06
	Operatio	ns Comple:	х			Total		80,800		
9a. Future Projects:	Included	in the Follo	owing F	Progran	n:	(FY200	8)			
832-266	Upgrd N	N Field Infr	astruct	ture, Ph	n 2 of 2	33,255	LM	9,600		
131-111	NW Field	Combat (Comm	Maint F	acility	620	SM	3,100		
422-258	AEF FOL	. Munitions	Igloos	, Ph 2 c	of 4	2,162	SM	15,893	-	
						Total		28,593		
9b. Future Projects:	Typical F	Planned Ne	xt Thre	e Year	s:					
219-944	NW Field	Expeditio	nary C	ombat	Spt Vehicl	2,560	SM	9,600		
141-782	Air Freigh	nt Terminal	Comple	X		3,062	SM	\$16,700		
422-258	AEF FOL	Munitions	Igloos	, Ph 3 c	of 4	4,324	SM	32,115		
219-944	NW Field	Technical	Trainir	ng Facil	ity	950	SM	5,816		
422-258	AEF FOL	_ Munitions	Igloos	, Ph 4	. –	2,162	SM	36,000		
610-127	NW Field	Command	to War	rior Sup	oport ⊦ac	498	SM	2,788		
219-944		Expeditio	nary C	ombat	Spt Cantol	975	SIM	6,942		
111-111	AEF FOL	- Repair Sc	. Runv	vay, Ph	1012	162,000 Tetel	SIVI	19,670	-	
0a Daal Dranarty M		o Dooldoo	Thia la	atallatia	···· (ΦΝΛ)	Total		129,031		450
9C. Real Property M	aintenanc	е васкіод	i nis in	stallatic	on (\$ivi)		·		A' - NA - I	152
10. Mission or Major	Function	s: An air da	ase wir	ig nosti	ng Headqu	Jarters In		AIr Force,	an Air Ivioi	Dility
Command air mobilit	y squadro	on, Navy He	elicopte	er Supp	ort Squad	ron Five (VIH60), a	as well as a	a maintena	ance group
and an contingency r	response	group.								
11. Outstanding poll	ution and	Safety (OS	SHA De	eficienc	ies:					
a. Air pollution				0						
b. Water Pollutio	n			0						
c. Occupational	Safetv an	d Health		0						
				0						
d. Other Environ	mental			0						

1. COMPONENT		FY 2007 MILITA	ARY	CONSTRU	CTION	I PROJECT	DATA	2. DATE				
AIR FORCE		(computer generated)										
3. INSTALLATIC	N AND L	OCATION			4. P	ROJECT TIT	TLE					
ANDERSEN AIR F	ANDERSEN AIR FORCE BASE, GUAM						ISR/STF LARGE VEHICLE INSPECTION CENTER/ACCESS ROAD					
5. PROGRAM ELE	EMENT	6. CATEGORY CO	8. PROJECT	COST (\$000)								
28047		730-837		AJ	JY059	119	1	5,500				
9. COST ESTIMATES												
ITEM U/M QUANTITY COST												
ISR/STF LARGE VEHICLE INSPECTION CENTER								10,049				
TRUCK INSPECTIC	N FACILI	TY			SM	475	6,135	(2,914)				
ACCESS ROAD					LM	4,023	1,031	(4,148)				
PAVED QUEUING A	REA				SM	24,521	110	(2,697)				
ANTITERRORISM/F	FORCE PRO	TECTION			LS			(290)				
SUPPORTING FACIL	ITIES							3,799				
UTILITIES					LS			(2,398)				
SITE IMPROVEMEN	ITS				LS			(660)				
GRUBBING AND CL	LEARING				LS			(341)				
ARCHEOLOGICAL M	ONITORIN	ſĠ			LS			(150)				
ENVIRONMENTAL R	REMEDIATI	ON			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				
10. Descriptio	on of Pr	coposed Construct	tior	n: Entr	ance	road for	commercial	traffic				

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.

Air Conditioning: 15 Tons

11. Requirement: 558 SM Adequate: 80 SM Substandard: 3 SM

PROJECT: Construct Large Vehicle Inspection Center and Access Road. (New Mission) 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.

CURRENT SITUATION: All commercial vehicles, including contractor trucks and equipment,

1. COMPONENT		FY 2007 MILITARY	CONSTRU	JCTION PROJECT	DATA	2. DATE
AIR FORCE		(compu	iter gei	nerated)		
3. INSTALLATIC	N AND L	OCATION		4. PROJECT TI	TLE	
ANDERSEN AIR F	ORCE BA	SE, GUAM		ISR/STF LARGE CENTER/ACCESS	VEHICLE INSPECT ROAD	CTION
5. PROGRAM ELE	MENT	6. CATEGORY CODE	7. PRO	JECT NUMBER	8. PROJECT CO	ST (\$000)
28047		730-837	AJ	JY059119	15,5	00
28047 enter the base Llarge numbers The existing co security forces inspections of IMPACT IF NOT F worse as ISR/S' inadequate fac: protection. Co delays in proce facilities. Th Highways 1 and ADDITIONAL: A (status quo, ro indicates there this, a full ec prepared. This 1190, "Facility 366-7101. TRUCK INPECTION JOINT USE CERT: available" bas:	through of mili onfigura s are no vehicle PROVIDEI TF const iliites onstruct essing of prelimi enovatio s projec y Planni IFICATIO is; howe	730-837 The main gate from tary vehicles and p tion of the main gate table to follow Ai s entering the base Traffic problems ruction requirement to conduct vehicle ion in support of t ontractors through gate area will be a present an unfavora nary analysis of real on, upgrade/removal, y one option that w analysis was not per t meets the criteri ng and Design". Bate TY: 475 SM = 5,113 N: These facilities ever, the scope of t	AJ Highwa Privatel Ite is a Privatel Ite is a S and la S increa inspect The ISR/ the gat A asfety Ible images Privatel Privatel SSF; RC S can be Chis pro	JY059119 y 9, the only y-owned vehicle safety hazard guidelines or ack of proper s ase. The base ion, a vital of STF mission be the due to inade hazard due to age to the loca the options for onstruction, le the operational 1. A certificat fied in Part 12 DAD PAVEMENT: the used by other oject is based	15,5 major route to les also use th i due to conges h the conduct of security measure will continue component of for eddown will be equate space ar o traffic backur al population. accomplishing easing) was dor requirements. ate of exception II of Military t Col Marvin Sr 4,023 LM = 2.5 r components or on Air Force r	00 the base. is route. stion, and f security res will grow to have proce impacted by d ips on this project he. It Because of on has been Handbook aith (671) miles. h an "as requirements.

1. COMPONENT		FY 2007 MILITARY CONSTRUCTION PROJECT DATA 2. DATE								
AIR FORCE		(comput	er gene							
3. INSTALLATIO	ON AND LO	OCATION		4. PROJECT 1	TITLE					
ANDERSEN AIR 1	FORCE BA	SE, GUAM		ISR/STF LARG	SE VEHICLE INS SE ROAD	PECTION				
5. PROGRAM EL	EMENT	6. CATEGORY CODE	7. PRO	JECT NUMBER	8. PROJECT CO	ST (\$000)				
28047 730-837 AJJY059119 15,500										
12. SUPPLEMENTAL DATA:										
a. Estimate	d Design	Data:								
(1) Statu	s:									
(a) Da	te Desig	n Started			24	-AUG-05				
(b) Pa	rametric	Cost Estimates used	d to dev	velop costs		YES				
* (c) Pe	rcent Co	mplete as of 01 JAN	2006			15%				
* (d) Da	te 35% I	Designed			07	-NOV-05				
(e) Da	te Desig	n Complete			30	-SEP-05				
(f) En	(f) Energy Study/Life-Cycle analysis was/will be performed YES									
(2) Basis	:									
(a) St	andard c	or Definitive Design	-			NO				
(b) Wh	ere Desi	gn Was Most Recently	y Used -							
(3) Total	Cost (c	(a) = (a) + (b) or (d)) + (e):			(\$000)				
(a) Pr	oduction	of Plans and Specif	Eication	ıs		930				
(b) Al	l Other	Design Costs				465				
(c) To	tal					1,395				
(d) Co	ntract					1,240				
(e) In	-house					155				
(4) Const	ruction	Contract Award				06 DEC				
(5) Const	(5) Construction Start 07 FEB									
(6) Const	(6) Construction Completion 08 AUG									
* Indicat which i cost an	es compl s compar d execut	etion of Project Def able to traditional ability.	initior 35% des	with Paramet	tric Cost Esti e valid scope,	mate				

b. Equipment associated with this project provided from other appropriations: $N/{\rm A}$

1. COMPONENT		FY 2007 MILITARY CONSTRUCTION PROJECT DATA 2. DATE								
AIR FORCE		(computer generated)								
3. INSTALLATIO	N AND L	OCATION		4. P	ROJECT TI	TLE				
ANDERSEN AIR F	ORCE BA	SE, GUAM		UPGR	ADE NORTH	WEST FIELD				
				INFR	ASTRUCTUR	E, PHASE 1				
5. PROGRAM ELE	MENT	6. CATEGORY CODE	7. PRO	JECT 1	NUMBER	8. PROJECT	COST (\$000)			
27596		812-225	SA	KW335	780A	12	2,500			
9. COST ESTIMATES										
UNIT COST										
		ITEM		U/M	QUANTITY					
UPGRADE NORTHWES	T FIELD	INFRASTRUCTURE, PH 1					9,809			
ELECTRICAL LINE	s			LM	24,689	210	(5,185)			
WATER LINES				LM	4,800	312	(1,498)			
SEWER COLLECTIC	N SYSTEM	I		LM	8,261	238	(1,966)			
WATER STORAGE				GA	200,000	5	(984)			
ANTITERRORISM/F	ORCE PRO	TECTION		LS			(177)			
SUPPORTING FACIL	ITIES						1,507			
SITE IMPROVEMEN	TS			LS			(845)			
HAZARDOUS MATER	RIALS ABA	TEMENT		LS			(295)			
DEMOLITION				LS			(64)			
PAVEMENTS				LS			(78)			
ARCHAEOLOGICAL	MONITORI	NG		LS			(225)			
SUBTOTAL							11,316			
CONTINGENCY	(5.0%)					566			
TOTAL CONTRACT C	OST						11,882			
SUPERVISION, INS	PECTION	AND OVERHEAD	(6.2%)				737			
TOTAL REQUEST							12,619			
TOTAL REQUEST (ROUNDED) 12,5										
10. Descriptions south of the Norman	on of Pr orthwest	oposed Construction Field, sewage pump	n: Inst ping sta	all v tion	water tran with force	nsmission lin ced main and	nes from wells gravity			

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		FY 2007 MILITARY CONSTRUCTION PROJECT DATA						
AIR FORCE		(computer generated)						
3. INSTALLATION AND LOCATION 4. PROJECT TITLE								
ANDERSEN AIR F	ORCE BAS	SE, GUAM	UPGRADE NORTH INFRASTRUCTUR	WEST FIELD E, PHASE 1				
5. PROGRAM ELE	CMENT	6. CATEGORY CODE	7. PRO	JECT NUMBER	8. PROJECT CO	ST (\$000)		
27596		500						

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.

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.

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

1. COMPONENT		FY 2007 MILITARY CONSTRUCTION PROJECT DATA 2. DATE								
AIR FORCE		(Comput	er gene	rated)						
3. INSTALLATIO	ON AND LO	OCATION		4. PROJECT 1	TILE					
ANDERSEN AIR	FORCE BA	SE, GUAM		UPGRADE NORT	THWEST FIELD					
5. PROGRAM EL	EMENT	6. CATEGORY CODE	7. PRO	JECT NUMBER	8. PROJECT CO	ST (\$000)				
27596 812-225 SAKW335780A 12,500										
12. SUPPLEMENTAL DATA:										
a. Estimate	d Design	Data:								
(1) Statu	e.									
(1) Da	s. te Desid	m Started			10	-MAY-05				
(b) Pa	rametric	Cost Estimates used	d to dev	velop costs		YES				
* (c) Pe	rcent Co	mplete as of 01 JAN	2006			15%				
* (d) Da	te 35% I	Designed			10	-AUG-05				
(e) Da	te Desig	n Complete			10	-SEP-06				
(f) En	ergy Stu	dy/Life-Cycle analys	sis was/	will be perf	ormed	NO				
(2) Basis	•									
(2) Babib (a) St	• andard c	or Definitive Design	_			NO				
(b) Wh	ere Desi	gn Was Most Recently	y Used -	-						
(2) Totol		(a) = (a) + (b) = (d)				(\$000)				
(3) IOLAI	cost (c	(a) + (b) of (a)	figation			(\$000)				
(a) FI (b) Al	1 Other	Design Costs	LICACIO	15		360				
(c) To	tal	Debigin cobeb				1,080				
(d) Co	ntract					900				
(e) In	-house					180				
(4) Const	ruction	Contract Award				07 JAN				
(5) Const	ruction	Start				07 FEB				
(6) Const	(6) Construction Completion 08 JUN									
* Indicat which i cost an	es compl s compar d execut	etion of Project Def able to traditional ability.	initior 35% des	n with Parametsign to ensure	tric Cost Esti e valid scope,	mate				

b. Equipment associated with this project provided from other appropriations: $N/{\rm A}$

1. COMPONENT		FY 2007 MILITARY	CONSTRU	OLLON	I PROJECT	2. DATE			
AIR FORCE		(compu	iter ger	nerate	ed)				
3. INSTALLATION AND LOCATION					4. PROJECT TITLE				
ANDERSEN AIR F	ORCE BA	SE, GUAM		GLOBAL HAWK AIRCRAFT MAINTENANCE AND					
5. PROGRAM ELE	MENT	6 CATECORY CODE	7 PRO	TECT NIMPER 8 PROTECT COST (\$000)					
					NOMBER	U. PRODECI V	(0000)		
35220		211-111	AJ	JY336	546	52	,800		
		9. COS	T ESTIN	ATES					
						UNIT	COST		
		ITEM	U/M	QUANTITY					
AIRCRAFT MAINTEN	ANCE AND	OPERATIONS COMPLEX					33,675		
HIGH BAY MAINTE	NANCE HA	NGAR		SM	5,343	5,300	(28,318)		
MAINTENANCE SHO	PS			SM	557	4,038	(2,249)		
SQUADRON OPERAT	IONS			SM	278	4,019	(1,117)		
SUPPLY SUPPORT				SM	278	2,000	(556)		
LAUNCH AND RECO	VERY OPE	RATIONS AREA		SM	278	1,633	(454)		
ANTITERRORISM/F	ORCE PRO	TECTION		SM	6,734	146	(981)		
SUPPORTING FACIL	ITIES						13,427		
UTILITIES				LS			(3,990)		
SITE IMPROVEMEN	ITS			LS			(1,695)		
PAVEMENTS				LS			(700)		
ENVIRONMENTAL F	REMEDIATI	ON		LS			(596)		
AIRCRAFT ACCESS	APRON			LS			(5,676)		
COMMUNICATIONS				LS			(145)		
PASSIVE FORCE F	ROTECTIC	N		LS			(175)		
DEMOLITION				SM	3,769	119	(450)		
SUBTOTAL							47,102		
CONTINGENCY	(5.0%)					2,355		
TOTAL CONTRACT C	OST						49,457		
SUPERVISION, INS	PECTION	AND OVERHEAD	(6.2%)				3,066		
TOTAL REQUEST							52,524		
TOTAL REQUEST (R	OUNDED)						52,800		
10 Descriptio	on of Pr	conceed Construction		truct	ion of a	6 734 SM rei	nforced		
concrete high-	oav hanc	ar to meet 170 MPH	wind an	d Sei	.smic Zone	e 4 criteria	and Priority		
Level 3 securit	y requi	rements. Includes	covered	aird	raft mair	ntenance space	ze,		
maintenance sup	pport sp	ace, supply/tool ro	om/supp	ort s	section, s	squadron oper	ations,		
classified stor	rage, ma	intenance operation	ns cente	er, a	Launch ar	nd Recovery H	Element,		
secure work are	eas, fir	e detection/suppres	ssion, i	ntrus	sion detec	tion system,	,		
environmental o	controls	s, communications, u	itilitie	s, pa	vements,	parking, ant	lterrorism		
supporting uti	lities/f	acilities for compl	ete and	usał	le facili	tv. Project	also		
demolishes an e	existing	3,769SM wash rack.		abaa		10,0 110,000			
Air Conditionin	Air Conditioning: 170 Tons								
11. Requirement: 29878 SM Adequate: 11096 SM Substandard: 8107 SM									
PROJECT: Const	truct GI	lobal Hawk Aircraft	Mainter	ance	and Opera	ations Comple	ex. (New		
Mission)									
REQUIREMENT: A	A consol	idated Aircraft Mai	ntenanc	e and	l Operatio	ons Complex i	s required to		
support the bea	down of	three Primary Airc	eraft Au	thori	zation (I	PAA) Global H	Nawk aircraft		

1. COMPONENT AIR FORCE		FY 2007 MILITARY CONSTRUCTION PROJECT DATA (computer generated)							
3. INSTALLATIO	N AND LO	AND LOCATION 4. PROJECT TITLE							
ANDERSEN AIR B	EN AIR FORCE BASE, GUAM GLOBAL HAWK AIRCRAFT MAINTE OPERATIONS COMPLEX								
5. PROGRAM ELE	EMENT	6. CATEGORY CODE	8. PROJECT CO	ST (\$000)					
35220		211-111 AJJY336546 52,80							

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 dayto-day basis and two additional aircraft during emergency situations. Demolition of an existing aircraft washrack will be required in order to construct this facility.

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.

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.

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)

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.

1. COMPONENT		FY 2007 MILITARY CONSTRUCTION PROJECT DATA 2. DATE								
AIR FORCE	(computer generated)									
3. INSTALLATIO	ON AND LO	OCATION		4. PROJECT I	TTLE					
ANDERSEN AIR 1	FORCE BA	SE, GUAM		GLOBAL HAWK OPERATIONS C	AIRCRAFT MAIN COMPLEX	TENANCE AND				
5. PROGRAM EL	EMENT	6. CATEGORY CODE	7. PRO	JECT NUMBER	8. PROJECT CO	ST (\$000)				
35220 211-111 AJJY336546 52,800										
12. SUPPLEMEN	12. SUPPLEMENTAL DATA:									
a. Estimate	d Design	Data:								
(1) Statu	s:									
(a) Da	te Desig	n Started			10	-MAY-05				
(b) Pa	rametric	Cost Estimates used	d to dev	velop costs		YES				
* (c) Pe	rcent Co	mplete as of 01 JAN	2006			15%				
* (d) Da	te 35% I	esigned			10	-AUG-05				
(e) Da	te Desig	n Complete			10	-SEP-06				
(f) En	ergy Stu	dy/Life-Cycle analys	sis was/	will be perfo	ormed	YES				
(2) Basis	:									
(a) St	andard c	r Definitive Design	-			NO				
(b) Wh	ere Desi	gn Was Most Recently	7 Used -							
(3) Total	Cost (c) = (a) + (b) or (d)	+ (e):			(\$000)				
(a) Pr	oduction	of Plans and Specif	Eicatior	ıs		3,168				
(b) Al	l Other	Design Costs				1,584				
(c) To	tal					4,752				
(d) Co	ntract					4,224				
(e) In	-house					528				
(4) Const:	ruction	Contract Award				07 JAN				
(5) Const	(5) Construction Start 07 FEB									
(6) Const	ruction	Completion				09 FEB				
* Indicat which i cost an	es compl s compar d execut	etion of Project Def able to traditional ability.	inition 35% des	with Paramet	tric Cost Esti e valid scope,	mate				

b. Equipment associated with this project provided from other appropriations: $N/{\rm A}$

1. COMPONENT		FY 2	007 MI	LITARY	CONSTR	UCTIO	N PROG	RAM	2. DATE	
				COMM					CONST	
						DOES		J. AREA		
	E DAGE			FACIFI		RUE3		0031 INL		
			-					1.12		
6. Personnel	PE	RMANENI	011/	5	UDENIS	011/	50			TOTAL
	OFF	ENL		OFF	ENL	CIV	OFF	ENL		TOTAL
AS OF 30 SEP 05	212	2,512	551	0	0	0	13	153	13	3,454
END FY 2010	211	2,454	544	0	0	0	13	153	13	3,388
7. INVENTORY DAT	A (\$000)									
I otal Acreage:	(a a a	2,557								
Inventory I otal as of	: (30 Sep	o 04)								1,267,996
Authorization Not Ye	t in Invent	ory:								11,870
Authorization Reques	sted in thi	s Program:			·					0
Authorization Include	d in the F	ollowing P	rogram	1:	(FY 2008)					0
Planned in Next Thre	e Years F	Program:								0
Remaining Deficiency	y:								-	391,600
Grand Total:										1,671,466
8. PROJECTS REQ	UESTED	IN THIS P	ROGR	AM:			(FY 200	7)		
CATEGORY								COST	DESIGN	STATUS
CODE	PROJEC	<u>T TITLE</u>				SCOPE	<u> </u>	\$,000	<u>START</u>	CMPL
721-312	Dormitor	y (600 Rm)				21,000	SM	46,700	May-05	Sep-06
						Total		46,700		-
9a. Future Projects:	Included	in the Follo	owing l	Program	1:	(FY20	08)			
		None								
										
9b. Future Projects:	I ypical F	lanned Ne	xt Ihre	e Years	S:					
		Mana								
		none								
		B 11	.							0.5
9c. Real Property Ma		e Backlog	I his in	stallatio	n (\$M) 		<u> </u>	<u> </u>		95
10. Mission or Major	Function	s: A fighter	wing s	supportin	ng two F-1	6 fighter	r squadro	ons, a six s	quadron r	nission
support group and a	maintena	nce group,	as we	ll as a m	edical gro	up.				
11. Outstanding poll	ution and	Safety (OS	SHA De	eficienci	es:					
a. Air pollution				0						
b. Water Pollutio	n			0						
c. Occupational	Safety an	d Health		0						
d. Other Environ	mental			0						
DD Form 1390, 24 Ju	ul 00									

1. COMPONENT		FY 2007 MILITARY	CONSTRU	CTION	I PROJECT	DATA	2. DATE
AIR FORCE		(compu	iter ger	erate	ed)		
3. INSTALLATIO	N AND L	OCATION		4. PROJECT TITLE			
KUNSAN AIR BAS	E, KORE	A (REPUBLIC OF)		DORM	ITORY (60	0 RM)	
5. PROGRAM ELE	MENT	6. CATEGORY CODE	7. PRO	DJECT NUMBER 8. PROJECT COST (\$000)			
27596		721-312	ML	WR073	159	46	,700
		9. COS	T ESTIN	ATES			
		ITEM		U/M	QUANTITY	UNIT	COST
DORMITORY (600 R	M)						37,730
DORMITORY				SM	21,000	1,390	(29,190)
ANTITERRORISM/F	ORCE PRO	TECTION		SM	21,000	40	(840)
COLLECTIVE PROT	ECTION S	YSTEM		SM	4,000	1,800	(7,200)
SPLINTER PROTEC	TION			SM	12,500	40	(500)
SUPPORTING FACIL	ITIES						4,048
UTILITIES				LS			(1,100)
PILE FOUNDATION	IS			LS			(550)
SITE IMPROVEMEN	TS/LANDS	CAPING		LS			(100)
PAVEMENTS/ROADW	AY			LS			(225)
COMMUNICATIONS				LS			(400)
CONTAMINATED SC	IL REMED	DIATION		LS			(125)
DEMOLITION/ENVI	RONMENTA	L CLEAN UP		SM	18,876	82	(1,548)
SUBTOTAL							41,778
CONTINGENCY	(5.0%)					2,089
TOTAL CONTRACT C	OST						43,867
SUPERVISION, INS	PECTION	AND OVERHEAD	(6.5%)				2,851
TOTAL REQUEST							46,718
TOTAL REQUEST (R	OUNDED)						46,700
EQUIPMENT FROM O	THER APP	ROPRIATIONS (NON-ADD)					(1,575.0)
10. Descriptio	on of Pr	oposed Construction	n: Amu	lti-s	tory faci	lity with re	inforced
concrete founda	ation, f	loor slabs, walls a	and roof	, fir	e sprinkl	ler w/detecto	ors, and
chemical-biolog	gical pr	otection. Includes	s 4+1 "d	orms	for Airme	en" standard	modules,
lounge, collect	ive pro	tection system (air	-lock)	areas	s, and eme	ergency gener	ator.
Includes utilit	ies, pa	vements, site impro	vements	, par	king, pil	le foundation	, Demolishes
eight building	contami (18.87	nated soll remediat	ton, an	a env Force	Protecti	on requireme	Demolishes
Unified Facilit	ies Cri	teria, to include s	splinter	prot	ection ar	nd chemical-h	piological
defenses.			-	-			-
Air Conditionin	ng: 42	5 Tons Grade Mix: H	E1-E4	600			
11. Requirement	: 3089	RM Adequate: 588	8 RM	Subst	andard: 1	747 RM	
PROJECT: Const	truct a	600-room dormitory.	. (Curr	ent M	(ission)		
REQUIREMENT: 2	REQUIREMENT: A major Air Force objective is to provide unaccompanied enlisted personnel						
with housing co	onducive	e to their proper re	est, rel	axati	on, and p	personal well	being.
Properly design	Properly designed, adequately configured and furnished quarters that provide some degree						
or individual p	privacy	are essential to the	e succe	sstul	. accompli	snment of the	e increasingly
trained airmen	is esse	ential to Air Force	readine	ss an	d ability	to meet wor	ldwide
commitments.	This pro	ject is submitted i	n accor	dance	with the	Air Force I	ormitory

1. COMPONENT		FY 2007 MILITA	Y CONSTR	UCTION PROJECT	DATA	2. DATE
AIR FORCE		(cor	aputer ge	nerated)		
3. INSTALLATION AND LOCATION 4. PROJECT T					TLE	
KUNSAN AIR BAS	E, KORE	A (REPUBLIC OF)		DORMITORY (600 RM)		
5. PROGRAM ELE	MENT	6. CATEGORY COD	E 7. PRC	JECT NUMBER	8. PROJECT COST (\$000)	
27596		721-312	M	LWR073159	46,7	200

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.

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 remianing 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.

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.

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. 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.

FOREIGN CURRENCY: FCF Budget Rate Used: WON 1205.2

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.

1. COMPONENT	1. COMPONENT FY 2007 MILITARY CONSTRUCTION PROJECT DATA 2. DATE								
		(compue	er gene.						
3. INSTALLATIO	ON AND LO	CATION		4. PROJECT 1	TITLE				
KUNSAN AIR BA	SE, KOREZ	(REPUBLIC OF)		DORMITORY (6	500 RM)				
5. PROGRAM EL	EMENT	6. CATEGORY CODE	7. PRO	JECT NUMBER	8. PROJECT CO	ST (\$000)			
27596		721-312	ML	WR073159	46,	700			
12. SUPPLEMEN	TAL DATA	:			1				
a. Estimate	d Design	Data:							
(1) Statu	s:								
(a) Da	te Desig	n Started			10	-MAY-05			
(b) Pa	rametric	Cost Estimates used	d to dev	velop costs		YES			
* (c) Pe	ercent Co	mplete as of 01 JAN	2006			15%			
* (d) Da	te 35% D	esigned			10	-AUG-05			
(e) Da	te Desig	n Complete			10	-SEP-06			
(f) En	ergy Stu	dy/Life-Cycle analy:	sis was/	will be perf	ormed	YES			
(2) Basis	:								
(a) St	andard of	r Definitive Design				YES			
(d) WD	ere Desi	gn was most Recently	y usea -	•	KUNSAN A	IR BASE			
(3) Total	Cost (c	(a) + (b) or (d)	+ (e):			(\$000)			
(a) Pr	oduction	of Plans and Specif	Eication	s		3,000			
(b) Al	1 Other :	Design Costs				1,500			
(c) To	tal					4,500			
(d) Co	ntract					4,000			
(e) In	-house					500			
(4) Const	ruction (Contract Award				07 JAN			
(5) Const	ruction a	Start				07 FEB			
(6) Const	ruction (Completion				09 FEB			
* Indicat which i cost an	es comple s compara d executa	etion of Project Def able to traditional ability.	inition 35% des	with Paramet	tric Cost Esti e valid scope,	mate			
b. Equipmen	t associa	ated with this proje	ect prov	ided from otl	her appropriat	ions:			
				FISCA	AL YEAR				
		P	ROCURIN	G APPRO	PRIATED	COST			
EQUIPMENT	r nomencl	ATURE API	PROPRIAT	ION OR RE	QUESTED	(\$000)			
COMMUNICZ	ATIONS		3400	2	2007	75			
DORM FUR	NISHINGS		3400	2	2007	1,500			

1. COMPONENT		FY 2007 MILITARY CONSTRUCTION PROGRAM					RAM	2. DATE		
AIR FORCE										
INSTALLATION AND) LOCATI	ON		COMM	AND:			5. AREA	CONST	
OSAN AIR FORCE E	BASE			PACIFI	C AIR FO	RCES		COST IND	DEX	
KOREA								1.11		
6. Personnel	PE	RMANENT	Γ	S	FUDENTS		SU	IPPORTED)	
Strength	OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV	TOTAL
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 DAT	FA (\$000)							•		
Total Acreage:		2,380								
Inventory Total as of	: (30 Sep	o 04)								2,940,551
Authorization Not Ye	t in Inven	tory:								69,920
Authorization Reques	sted in thi	s Program	:							2,156
Authorization Include	ed in the F	Following P	rogran	า:	(FY 2008))				0
Planned in Next Thre	e Years I	Program:	•							0
Remaining Deficienc	y:	U								616,662
Grand Total:									I	3.629.289
8. PROJECTS REQ	UESTED	IN THIS P	ROGR	AM:			(FY 200	7)		-,,
CATEGORY	010.10						(200	COST	DESIGN	STATUS
CODE	PROJEC	T TITI F				SCOPE		\$ 000	START	CMPI
<u>141-456</u>	Distribute	ed Commo	n Grou	ind Stati	on Intel	390	SM	<u> </u>	May-05	<u>Sen-06</u>
141 400	Squad O	ns Facility				Total		2,150		000 00
	Oquau O	po r donity				TUlai		2,150		
0a Eutura Draiaata:	looludod	in the Foll	owing	Drogrom		(EV20	00)			
9a. Future Projects.	Included	In the Foll	owing	Flografi	1.	(F120	00)			
						None				
						none				
0h Euturo Projecto:	Typical	Dannad Na	ovt Thr		0.					
SD. FULLIE FIOJECIS.	турісаї г				5.					
111 752			/ ^ ^ / 1		2650)	2 1 9 0	см	10 21/		
141-755	ADAL SC		AIVIO	FOLIT	3053)	Z, 100	SIVI	10,314	-	
						Total		10,314		
	•				(***					
9c. Real Property Ma	aintenanc	e Backlog	This Ir	nstallatio	on (\$M)					150
10. Mission or Major	⁻ Function	s: A host fi	ighter v	ving sup	porting ar	n F-16 so	quadron	and an A/C	DA-10 squ	adron,
Headquarters Seven	th Air For	ce, and a I	MH-53	J specia	l operatior	ns squad	lron. Th	e wing also	o hosts a c	civil engineer
heavy repair squadro	on (RED F	HORSE), a	n Air N	lobility C	Command	air mobi	lity supp	ort squadro	on, and Ai	r Combat
Command reconnais	sance sq	uadron, an	d an A	ir Intellig	gence Age	ncy intel	lligence	squadron.		
11. Outstanding poll	ution and	Safety (O	SHA D	eficienci	es:					
a. Air pollution				0						
b. Water Pollutio	n			0						
				-						
c. Occupational	Safetv an	d Health		0						
e. e e o apadoriar				Ū						
d. Other Environ	mental			0						
				0						
DD Form 1200, 24 h	1.00									-243

1. COMPONENT	NT FY 2007 MILITARY CONSTRUCTION PROJECT DATA 2. DATE						
AIR FORCE		(compu	iter ger	erate	ed)		
3. INSTALLATIO	N AND L	OCATION		4. PI	ROJECT TI	TLE	
OSAN AIR BASE,	KOREA	(REPUBLIC OF)		DISTI INTEI	RIBUTED CO SQUAD O	OMMON GROUND PS FACILITY	STATION
5. PROGRAM ELE	MENT	6. CATEGORY CODE	7. PRO	JECT I	NUMBER	8. PROJECT C	OST (\$000)
35208		141-456	SM	YU043	001	2,	156
		9. COS	r estin	ATES	I		
		ITEM		U/M	QUANTITY	UNIT	COST
INTEL SQUAD OPS FACILITY							1,252
ALTER SCIF INTE	L OPS			SM	279	3,150	(879)
ADD SCIF MEZZAN	IINE INTE	L OPS		SM	111	3,250	(361)
ANTITERRORISM/F	ORCE PRO	TECTION		SM	390	33	(13)
SUPPORTING FACIL	ITIES						711
UTILITIES				LS			(400)
HAZARDOUS MATER	RIAL ABAT	EMENT		LS			(250)
INTERIOR DEMOLI	TION			LS			(61)
SUBTOTAL							1,963
CONTINGENCY	(5.0%)					98
TOTAL CONTRACT C	OST						2,062
SUPERVISION, INS	PECTION	AND OVERHEAD	(6.5%)				134
TOTAL REQUEST							2,196
TOTAL REQUEST (R	OUNDED)						2,156
EQUIPMENT FROM O	THER APP	ROPRIATIONS (NON-ADD)					(175.0)
10. Description Facility (SCIF) level. Include fire detection, requirements, n Air Conditionin	on of Pr), repla es VTC c /suppres reconfig ng: 10	roposed Construction ace walls, soundproc apable conference r ssion, all necessary guration of interior Tons	n: Renc of doors coom, ad antite walls,	vate , rai minis rrori and	Secure Co se floori stration s .sm/force hazardous	empartmented ang, and add space, mechan protection (s material ab	Information mezzanine ical systems, AT/FP) atement.
11. Requirement	: 390 s	M Adequate: 0 SM	I Sub	stand	lard: 0 SM	I	
PROJECT: Reno	vate Dig	stributed Common Gro	ound Sta	tion	Intel Squ	ad Ops Facil	ity. (New
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,							
requirement for currently house system servers	r refurk es the l is too	magery Product Libr small and has reach	on. Ad aries (ned maxi	ditic IPL), mum c	Trusted	ne server roo Manager (TMA For power and	m thet N) and other HVAC

1. COMPONENT		FY 2007 MILITARY CONSTRUCTION PROJECT DATA						
AIR FORCE		(computer generated)						
3. INSTALLATION AND LOCATION 4. PROJECT :					TLE			
OSAN AIR BASE, KOREA (REPUBLIC OF)				DISTRIBUTED COMMON GROUND STATION				
				INTEL SQUAD O	PS FACILITY			
5. PROGRAM ELE	CMENT	6. CATEGORY CODE	7. PRO	JECT NUMBER	8. PROJECT CO	ST (\$000)		
35208		141-456	SMYU043001		2,1	56		

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 onpeninsula partners at the JWICS level.

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 Opoerations 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.

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). FOREIGN CURRENCY: FCF Budget Rate Used: WON 1205.2

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

1. COMPONENT		FY 2007 MILITARY C	ONSTRUC	TION PROJECT	DATA	2. DATE			
AIR FORCE		(comput	er gene	rated)					
3. INSTALLATIO	ON AND L	OCATION		4. PROJECT	TITLE				
OGAN ATP BACE	KODEA	(PFDIBLTC OF)				STATION			
ODAN AIK DADE	, KOKER	(REFUBLIC OF)		INTEL SQUAD	OPS FACILITY	DIRITOR			
5. PROGRAM EL	EMENT	6. CATEGORY CODE	7. PRO	JECT NUMBER	8. PROJECT CO	ST (\$000)			
35208		141-456	SM	YU043001	2,	156			
12. SUPPLEMEN	TAL DATA	:			•				
a. Estimate	d Design	Data:							
(1) Statu	s:								
(a) Da	te Desig	n Started			10)-MAY-05			
(b) Pa	rametric	Cost Estimates use	d to dev	elop costs		YES			
* (c) Pe	rcent Co	mplete as of 01 JAN	2006			15%			
* (d) Da	te 35% I	- Designed			10	AUG-05			
(e) Da	te Desig	n Complete			10	-SEP-06			
(f) Energy Study/Life-Cycle analysis was/will be performed									
				-					
(2) Basis	:								
(a) St (b) Wh	(a) Standard or Definitive Design - NO (b) Where Design Was Most Recently Used -								
(3) Total	Cost (c	a) = (a) + (b) or (d) + (e):			(\$000)			
(a) Pr	oductior	n of Plans and Speci	ficatior	IS		130			
(b) Al	l Other	Design Costs				65			
(C) TC	tal					195			
(d) Co	ntract					163			
(e) In	-house					32			
(4) Const	ruction	Contract Award				07 JAN			
(5) Const	ruction	Start				07 FEB			
(6) Const	ruction	Completion				08 JAN			
* Indicat which i cost an	es compl s compar d execut	etion of Project De able to traditional ability.	finition 35% des	with Parame	tric Cost Esti e valid scope,	mate			
b. Equipmen	t associ	ated with this proj	ect prov	ided from ot	her appropriat	ions:			
EQUIPMENT	NOMENC	LATURE AP	PROCURIN PROPRIAI	FISC G APPRO ION OR RE	AL YEAR DPRIATED QUESTED	COST (\$000)			
COMMUNICZ	ATIONS		3400	:	2006	100			
FURNISHI	IGS		3400	:	2006	75			

1. COMPONENT FY 2007 MILITARY CONSTRUCTION PROJECT DATA						DATA	2. DATE	
AIR FORCE		(compu	uter ger	nerate	ed)			
3. INSTALLATIC	N AND L	OCATION		4. PROJECT TITLE				
WW CLASSIFIED				GLOBA OPERA	AL HAWK AI ATIONS COM	IRCRAFT MAIN MPLEX	TENANCE AND	
5. PROGRAM ELE	MENT	6. CATEGORY CODE	7. PRO	JECT 1	NUMBER	8. PROJECT	COST (\$000)	
35220		211-111	ບຣະ	AFE07	3006	20	5,000	
		9. COS'	T ESTII	MATES	· · · ·			
ITEM				U/M	QUANTITY	UNIT	COST	
GLOBAL HAWK MAIN	TENANCE	& OPERATIONS COMPLEX					15,329	
CONSTRUCT 4-BAY	MAINT H	ANGAR / OPS OFFICES		SM	5,700	2,397	(13,663)	
PAVEMENTS/RECEI	VING APR	ON		SM	7,700	135	(1,040)	
ANTITERRORISM/F	ORCE PRO	TECTION		SM	5,700	30	(171)	
INTERIOR COMM				SM	5,700	80	(456)	
SUPPORTING FACIL	ITIES						7,978	
PAVEMENTS				LS			(1,073)	
SITE IMPROVEMEN	ITS			LS			(1,533)	
UTILITIES				LS			(2,299)	
COMMUNICATIONS				LS			(766)	
PASSIVE FORCE F	ROTECTIO	N		LS			(307)	
DEMOLITION - RE	LOCATE			LS			(1,500)	
ENVIRONMENTAL S	UPPORT			LS			(500)	
SUBTOTAL							23,308	
CONTINGENCY	(5.0%)						1,165	
TOTAL CONTRACT C	OST						24,473	
SUPERVISION, INS	PECTION	AND OVERHEAD (6	5.5%)				1,591	
TOTAL REQUEST							26,064	
TOTAL REQUEST (R	OUNDED)						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

PROJECT: Global Hawk Aicraft 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

Page No.

1. COMPONENT		FY 2007 MILITARY CONSTRUCTION PROJECT DATA					
AIR FORCE		(comp	uter ge	nerated)			
3. INSTALLATION AND LOCATION				4. PROJECT TITLE			
WW CLASSIFIED	WW CLASSIFIED			GLOBAL HAWK AIRCRAFT MAINTENANCE AND			
				OPERATIONS CO	MPLEX		
5. PROGRAM ELE	EMENT	6. CATEGORY CODE	7. PROJECT NUMBER		8. PROJECT COST (\$000)		
35220	220 211-111 1			AFE073006	26,0	000	

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.

<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.

<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 degredation 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.

<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)

FOREIGN CURRENCY: FCF Budget Rate Used: EURO-DOLLAR .8785

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.

1. COMPONENT	1. COMPONENT FY 2007 MILITARY CONSTRUCTION PROJECT DATA 2. DATE									
AIR FORCE		(comput	er ger	nerated)						
3. INSTALLATIO	ON AND LO	OCATION		4. PROJECT TIT	rle .					
WW CLASSIFIED)			GLOBAL HAWK AD OPERATIONS COM	IRCRAFT MAINTE	NANCE AND				
5. PROGRAM EL	EMENT	6. CATEGORY CODE	CATEGORY CODE 7. PROJECT NUMBER 8. PROJECT CO							
35220		211-111	U	SAFE073006	26,	000				
12. SUPPLEMEN	12. SUPPLEMENTAL DATA:									
a. Estimate	d Design	Data:								
(1) Proje	ct to be	accomplished by des	ign-b	uild procedures	8					
 (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 0						07 JAN				
(5) Const	ruction	Start				07 MAR				
(6) Const	ruction	Completion				09 MAR				
(7) Energ	y Study/	Life-Cycle analysis	was/w	ill be performe	ed	YES				
b. Equipmen N/A	t associ	ated with this proje	ect pr	ovided from ot	her appropriat	ions:				

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					DRAFT	T		
1. COMPONENT	FY 2007 MILITARY	CONSTRUC	TION	PROJECT	DATA	2. DATE		
AIR FORCE	AIR FORCE (computer generated)							
3. INSTALLATION AND	LOCATION	4	. PI	ROJECT TI	FLE			
HQ USAF, DISTRICT OF	COLUMBIA	U.	NSPE	CIFIED M	INOR CONSTRUC	CTION		
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJE	CT 1	IUMBER	8. PROJECT	COST (\$000)		
91211	91211 102-11			002	15	,000		
	9. COS	T ESTIMA	TES					
	ITEM	τ	J/M	QUANTITY	UNIT	COST		
UNSPECIFIED MINOR CONST	RUCTION					15,000		
UNSPECIFIED MINOR CONS	TRUCTION		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 F minor construction pr projects costing less and maintenance appro- permanent or temporar 11. Requirement: LS PROJECT: As required REQUIREMENT: Minor of construction projects however, projects wit funded under this aut safety deficiency. T are not identified bu projects to support r other essential support availability of FY07	proposed Construction ojects not otherwise than these limits a opriation. Includes y facilities. Adequate: LS Adequate: LS Adequate: LS with an estimated funde hority when specific this package provides at which are anticipa ew mission requirement of Air Force miss Military Construction	a uthori: are authori: are authori: are authori: Substanda s authori: Substanda a authori: Sunded cost ad cost of cally plan a means ated to an ents, supp sions and on Program	de a zed rize tion ard: zed b f \$1 nned of f \$1 f \$1 f \$1 f \$1 f \$1 f \$1	lump sum by law. d to be f , alterat LS by 10 U.S etween \$7 ,500,000 to corre accomplise during F of new e ctions th nds.	A amount for Minor constr funded from t ion, or conv conv conv conv conv conv conv conv	unspecified ruction the operations version of are military \$1,500,000; 00 may be health or projects that ded would be d concepts, and t wait until		
	Compute	UNSTRUCT	ION PROJECT	DATA	Z. DAIL			
--	---	---	---	--	--	--	--	
	(er genera	ated)					
N AND LO	3. INSTALLATION AND LOCATION 4 PROTECT TITLE							
HQ USAF, DISTRICT OF COLUMBIA UNSPECIFIED MINOR CONSTRUCTION								
5. PROGRAM ELEMENT 6. CATEGORY CODE 7. PROJECT NUMBER 8. PROJECT COST (\$00								
	102-11	PAYZ070002 15,000						
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 (b) All Other Design Costs (c) Total (d) Contract (e) In-house (f) Construction Contract Award (f) Construction Start (f) Construction Completion * Indicates completion of Project Definition with Parametric Cost Estimate which is comparable to traditional 35% design to ensure valid scope, and ensure valid scope, and ensure valid scope, 								
associ	ated with this proje	ect provi	ded from oth	her appropriat	ions:			
	MENT MENT AL DATA Design : e Desig ametric cent Cc e 35% I e Desig rgy Stu ndard co re Desi Cost (c duction other al tract house uction uction s compl compar execut	ICT OF COLUMBIA MENT 6. CATEGORY CODE 102-11 AL DATA: Design Data: : e Design Started ametric Cost Estimates used cent Complete as of 01 JAN e 35% Designed e Design Complete rgy Study/Life-Cycle analys ndard or Definitive Design re Design Was Most Recently Cost (c) = (a) + (b) or (d) duction of Plans and Specif Other Design Costs al tract house uction Contract Award uction Start uction Completion s completion of Project Def comparable to traditional executability. associated with this proje	ICT OF COLUMBIA MENT 6. CATEGORY CODE 7. PROJ 102-11 PAY: AL DATA: Design Data: : e Design Started ametric Cost Estimates used to deve cent Complete as of 01 JAN 2006 e 35% Designed e Design Complete rgy Study/Life-Cycle analysis was/w ndard or Definitive Design - re Design Was Most Recently Used - Cost (c) = (a) + (b) or (d) + (e): duction of Plans and Specifications Other Design Costs al tract house uction Contract Award uction Start uction Completion s completion of Project Definition comparable to traditional 35% desi executability. associated with this project provi	INT OF COLUMBIA UNSPECIFIED MENT 6. CATEGORY CODE 7. PROJECT NUMBER 102-11 PAYZ070002 AL DATA: Design Data: . e Design Data: . . e Design Data: . . e Design Data: . . e Design Complete as of 01 JAN 2006 e 35% Designed . e Design Complete rgy Study/Life-Cycle analysis was/will be performed and or Definitive Design - . re Design Was Most Recently Used - . . Cost (c) = (a) + (b) or (d) + (e): . . duction of Plans and Specifications . . Other Design Costs all . . nuction Contract Award . . uction Start . . uction Completion s completion of Project Definition with Parameter comparable to traditional 35% design to ensure executability. . associated with this project provided from other completer comparable to traditional 35% design to the completer comparable to traditional 35% design to the completer comparable to traditional 35% design to the completer completer completer completer completer completer completer completer completer completer completer completer completer completer completer completer completer	Interpretation UNSPECIFIED MINOR CONSTRUCT MENT 6. CATEGORY CODE 7. PROJECT NUMBER 8. PROJECT CO IO2-11 PAYZO70002 15. AL DATA: Design Data: . . pesign Started ametric Cost Estimates used to develop costs . . e Design Started ametric Cost Estimates used to develop costs . . cent Complete as of 01 JAN 2006 35% Designed . . e Design Complete rgy Study/Life-Cycle analysis was/will be performed . ndard or Definitive Design - . . . re Design Was Most Recently Used - . . . Cost (c) = (a) + (b) or (d) + (e): . . . duction of Plans and Specifications . . . other Design Costs al uction Completion s completion of Project Definition with Parametric Cost Esti comparable to traditional 35% design to ensure valid scope, executability. . . associated with this project provided from other appropriat . . <t< td=""></t<>			

1. COMPONENT		2. DATE					
AIR FORCE		(Comp	uter gei	ierate	ea)		
3. INSTALLATIC	3. INSTALLATION AND LOCATION 4. PROJECT TITLE						
HQ USAF, DISTR	RICT OF	COLUMBIA	1_	PLANI	NING AND I	DESIGN	
5. PROGRAM ELE	CMENT	6. CATEGORY CODE	7. PRO	JECT 1	NUMBER	8. PROJECT C	OST (\$000)
91211		102-11	PA	PAYZ070001 87,504			
9. COST ESTIMATES							
		ТТТ			OUANTTTY	UNIT	COST
		1150		0/M	QUANTITI		
PRIMARY FACILITI	ES						87,504
PLANNING AND DE	SIGN			LS			(87,504)
SUPPORTING FACIL	ITIES						0
SUBTOTAL						.	87,504
TOTAL CONTRACT C	OST					.	87,504
TOTAL REQUEST							87,504
TOTAL REQUEST (R	OUNDED)						87,504
10. Descriptio	on of Pr	oposed Construction	n: The	funds	requeste	d will be us	ed to provide
Construction a	arcnited nd host	nation funded const	ing serv	n proc	IOT AIT E Tams.	orce Militar	Y
11. Requirement	t: LS	Adequate: LS	Substar	dard:	LS		
PROJECT: As re	equired	-					
RECUIREMENT: 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.							

		EV 2007 NTLIMADY C			2 DATE			
I. COMPONENT FY 2007 MILITARY CONSTRUCTION PROJECT DATA 2. DATE AIR FORCE (computer generated)								
HO USAF, DISTRICT OF COLUMBIA PLANNING AND DESIGN								
5. PROGRAM EL	EMENT	6. CATEGORY CODE	7. PROJECT NUMBER 8. PROJECT COST (\$					
91211		102-11	PAYZ070001 87,504					
12. SUPPLEMEN	TAL DATA	.:						
a. Estimate	d Design	Data:						
(1) Statu	s:							
(a) Da (b) Pa	te Desig	n Started	to develop dosts		VEC			
(D) Fa * (C) Pe	rcent Co	mplete as of 01 JAN	2006		IES			
* (d) Da	te 35% I	Designed						
(e) Da	te Desig	n Complete			NO			
	ergy stu	dy/Life-Cycle analys	sis was/will be pe	riormed	NO			
(2) Basis	:							
(a) Standard or Definitive Design -					NO			
			()		<i></i>			
(3) Total		(\$000) 0						
(b) All Other Design Costs					0			
(c) Total					0			
(d) Contract (e) In-house					0			
(4) Const	(4) Construction Contract During							
(4) COMBC		contract Award						
(5) Const	ruction	Start						
(6) Const	ruction	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								