FY 1997 BUDGET ESTIMATES AIR NATIONAL GUARD





FY 1997 MILITARY CONSTRUCTION PROGRAM

Justification Data Submitted to Congress March 1996

DEPARTMENT OF THE AIR FORCE AIR NATIONAL GUARD JUSTIFICATION OF ESTIMATES FOR FISCAL YEAR 1997

TABLE OF CONTENTS

SUMMARY PROJECT LIST	1 - 111
MILITARY CONSTRUCTION AUDIT TRAIL	I-V
NEW MISSION VS CURRENT MISSION	VI-VII
SECTION I BUDGET APPENDIX EXTRACT	
Language	a-i
Special Program Considerations Program and Financing Schedule	a-ii - a-iii a-iv
Object Classification (in thousands of dollars)	a-v
SECTION II INSTALLATION AND PROJECT JUSTIFICATION DATA	b-1 - b-103

DD Form 1390s and 1391s

SUMMARY PROJECT LIST AIR NATIONAL GUARD MILITARY CONSTRUCTION PROGRAM -- FY 1997

STATE/ COUNTRY	INSTALLATION AND PROJECT	AUTH/APPROP AMOUNT (000)	DD FORM 1391 PAGE NO.
COUNTRI		PERSONAL (CCC)	
Florida	Jacksonville International Airport (ANG) Upgrade Heating Plants and Chillers	680	b - 3
	Sub-Total Florida	680	
Georgia	Robins Air Force Base		
	B-1 Aircraft Parking Apron and Relocate Taxiway	8,800	b - 8
	B-1 Composite Aircraft Maintenance Complex	12,400	b - 11
	B-1 AGE and Munitions Trailer Maintenance Complex	•	b - 14
	B-1 Site Improvements, Roads, and Utilities	5,500	b - 17
	Sub-Total Georgia	29,500	
Hawaii	Hickam Air Force Base		
	Alter Avionics Shop	1,000	b - 22
	Sub-Total Hawaii	1,000	
Idaho	Boise Air Terminal (Gowen Field)		
	Fuel Systems Maintenance and Corrosion		
	Control Facility	4,500	b - 26
	Sub-Total Idaho	4,500	
Illinois	Greater Peoria Regional Airport (ANG)		
	Fuel Systems Maintenance and Corrosion		
	Control Facility	4,200	b - 31
	Sub-Total Illinois	4,200	
Indiana	Fort Wayne International Airport		
Indiana .	Upgrade Drainage System	480	b - 36
	Sub-Total Indiana	480	
3 6 . 3 . 44			
Massachusetts	Barnes Municipal Airport (ANG) Upgrade Heating Distribution System	500	b -40
	Opgrade Heating Distribution System		D -40
	Sub-Total Massachusetts	500	
Maryland	Andrews Air Force Base		
	Munitions Trailer Maintenance Facility	500	b - 44

STATE/ COUNTRY	INSTALLATION AND PROJECT	AUTH/APPROP AMOUNT (800)	DD FORM 1391 PAGE NO.	
	Sub-Total Maryland	500		
Michigan	Selfridge Air National Guard Base Upgrade Heating Systems	3,000	b - 49	
	Sub-Total Michigan	3,000		
New Jersey	Atlantic City International Airport Add to and Alter Medical Training Facility	380	b - 97	
	Sub-Total New Jersey	380		
New Mexico	Kirtland Air Force Base Munitions Maintenance and Storage Complex	3,000	b - 5 6	
	Sub-Total New Mexico	3,000		
Nevada	Reno Cannon International Airport Fuel Systems Maintenance and Corrosion Control Hangar	4,600	b - 61	
	Sub-Total Nevada	4,600		
New York	Francis S Gabreski Airport Aircraft Washing and Deicing Facility	659	b - 66	
	Stewart International Airport C-5 Flight Simulator Facility	3,000	b - 71	
	Sub-Total New York	3,659		
Oklahoma	Will Rogers World Airport Add to and Alter Security Police Facility	570	b - 76	
	Sub-Total Oklahoma	570		
Texas	Fort Worth Joint Reserve Base Fuel Cell and Corrosion Control Facility	3,450	b - 80	
	Sub-Total Texas	3,450		
Utah	Salt Lake City International Airport (ANG) Electronics Security Squadron Complex	2,250	b - 85	
	Sub-Total Utah	2,250		
Wisconsin	Volk Field Air National Guard Base Upgrade Sanitary Sewer System	850	b - 9 0	

STATE/ COUNTRY	INSTALLATION AND PROJECT	AUTH/APPROP AMOUNT (000)	DD FORM 1391 PAGE NO.
	Sub-Total Wisconsin	850	
	SUB-TOTAL INSIDE THE UNITED STATES	63,119	
	OUTSIDE THE UNITED STATES		
Puerto Rico	Puerto Rico International Airport		
	Refueling Vehicle Shop and Paint Bay	450	b - 94
	Sub-Total Puerto Rico	450	
	SUB-TOTAL OUTSIDE THE UNITED STATES	450	
	SUB-TOTAL - ALL BASES	63,569	
	PLANNING AND DESIGN	7,725	b - 98
	UNSPECIFIED MINOR CONSTRUCTION	4,100	b -101
	SUB-TOTAL - SUPPORT COSTS	11,825	
	GRAND TOTAL	75,394	

FY 1997 MILITARY CONSTRUCTION AUDIT TRAIL AIR NATIONAL GUARD

STATE\ INSTALLATION\ PROJECT NAME	FY 1996/1997 BIENNIAL BUDGET (\$000)	CHANGE \$0	AMENDED FY 1997 BUDGET (\$000)
Alabama			
Dannelly Field Air National Guard			
Upgrade Composite Hangar	2,700	-2,700	0
10			-
Sub-total Alabama	2,700	-2,700	0
California			
Channel Islands ANG Station			
Upgrade Drainage Systems	1,000	-1,000	0
March Air Reserve Base			
Alter General Purpose Aircraft Shops	1,765	-1,765	0
Sepulveda Air National Guard Station			
Supply and Civil Engineer Facility	1,800	-1,800	0
Sub-total California	4,565	-4,565	0
Colorado			
Buckley Air National Guard Base			
Upgrade Sanitary Sewer System	310	-310	0
Sub-total Colorado	310	-310	0
Florida			
Jacksonville International Airport (ANG)			
Upgrade Heating Plants and Chillers	680	0	680
Sub-total Florida	680	0	680
Georgia			
Robins Air Force Base			
B-1 Aircraft Parking Apron and Relocate			
Taxiway	0	+8,800	8,800
B-1 Composite Aircraft Maintenance Complex	13,761	-1,361	12,400
B-1 AGE and Munitions Trailer Maintenance			-
Complex	0	+2,800	2,800
B-1 Site Improvements, Roads, and Utilities	6,300	-800	5,500
B-1 Composite Squadron Operations Facility	6,429	-6,429	0
B-1 Munitions Maintenance and			
Training Complex	3,000	-3,000	0

STATE\ INSTALLATION\ PROJECT NAME	FY 1996/1997 BIENNIAL	CHANGE	AMENDED FY 1997
PROJECT NAME	BUDGET (\$900)	S0	BUDGET (\$900)
**			
Hawaii			
Hickam Air Force Base	•	. 1 000	
Alter Avienics Shop	0	+1,000	1,000
Sub-total Hawaii	0	+1,000	1,000
Idaho			
Boise Air Terminal (Gowen Field)			
Fuel Systems Maintenance and Corrosion			
Control Facility	0	+4,500	4,500
Sub-total Idaho	0	+4,500	4,560
Illinois			
Greater Peoria Regional Airport (ANG)			
Fuel Systems Maintenance and Corrosion			
Control Facility	3,685	+515	4,200
		The state of the s	
Sub-total Illinois	3,685	+515	4,200
Indiana			
Fort Wayne International Airport			
Upgrade Drainage System	500	-20	480
Sub-total Indiana	500	-20	480
Kansas			
McConnell Air Force Base			
B-1 Fuel Systems Maintenance Hangar	5,356	-5,356	0
Sub-total Kansas	5,356	-5,356	0
Massachurette			
Massachusetts Barnes Municipal Airport (ANG)			
Upgrade Heating Distribution System	740	-240	500
Opgrade Heating Distribution System		2.10	
Sub-total Massachusetts	740	-24 0	500
Maryland			
Andrews Air Force Base			
Munitions Trailer Maintenance Facility	0	+500	500
Sub-total Maryland	0	+500	500

STATE\ INSTALLATION\	FY 1996/1997 BIEÑNIAL	CHANGE	AMENDED FY 1997
PROJECT NAME	BUDGET (\$000)	\$0	BUDGET (\$000)
Michigan			
Selfridge Air National Guard Base			
Upgrade Heating Systems	3,600	-600	3,000
Sub-total Michigan	3,600	-600	3,000
Minnesota			
Minneapolis St Paul International Airport			
Upgrade Refueling Vehicle Maintenance			
and Washing Facility	360	-360	0
Sub-total Minnesota	360	-360	0
Nebraska			
Lincoln Municipal Airport (ANG)			
Remove Underground Fuel Storage Tanks	1,850	-1,850	0
Sub-total Nebraska	1,850	-1,850	0
New Jersey			
Atlantic City International Airport			
Add to and Alter Medical Training			
Facility	0	+380	380
McGuire Air Force Base			
Composite Base Civil Engineer			
Maintenance Facility	3,250	-3,250	0
Sub-total New Jersey	3,250	-2,870	380
New Mexico			
Kirtland Air Force Base			
Munitions Maintenance and			
Storage Complex	2,900	+100	3,000
Sub-total New Mexico	2,900	+100	3,000
Nevada			
Reno Cannon International Airport			
Fuel Systems Maintenance and			
Corrosion Control Hangar	0	+4,600	4,600
Sub-total Nevada	0	+4,600	4,600

STATE\ INSTALLATION\ PROJECT NAME	FY 1996/1997 BIENNIAL BUDGET (\$000)	CHANGE \$0	AMENDED FY 1997 BUDGET (\$800)
New York			
Francis S. Gabreski Airport			480
Aircraft Washing and Deicing Facility	630	+29	659
Stewart International Airport			
C-5 Flight Simulator Facility	3,000	0	3,000
Sub-total New York	3,630	+29	3,659
North Carolina			
Charlotte/Douglas International Airport			
Aeromed Evacuation Training Facility	1,950	-1,950	0
Sub-total North Carolina	1,950	-1,950	0
Ohio			
Mansfield Lahm Airport (ANG)			
Aircraft Deicing Apron	490	-490	0
Sub-total Ohio	490	-490	0
Oklahoma			
Will Rogers World Airport			
Add to and Alter Security Police Facility	500	+70	570
Sub-total Oklahoma	500	+70	570
Rhode Island			
Coventry ANG Station			
Communications and Electronics			
Training Facility	2,500	-2,500	O 1,444
Sub-total Rhode Island	2,500	-2,500	0
Texas			
Fort Worth Joint Reserve Base			
Fuel Cell and Corrosion Control Facility	0	+3,450	3,450
Sub-total Texas	0	+3,450	3,450
Utah			
Salt Lake City International Airport (ANG)			
Electronics Security Squadron Complex	0	+2,250	2,250
Vehicle Washing Facility	460	-460	0
	460	+1,790	2,250

STATE\ INSTALLATION\ PROJECT NAME	FY 1996/1997 BIENNIAL BUDGET (\$000)	CHANGE 50	AMENDED FY 1997 BUDGET (\$000)
Virginia			
Richmond IAP (Byrd Field)			_
Vehicle Maintenance Complex	1,550	-1,550	0
Sub-total Virginia	1,550	-1,550	0
Wisconsin			
Volk Field Air National Guard Base			
Munitions Storage Igloos	700	-700	0
Upgrade Sanitary Sewer System	320	+530	850
Sub-total Wisconsin	1,020	-170	850
Site 1			
Site 1			
Upgrade Maintenance Hangar	4,000	-4,000	0
Sub-total Site 1	4,000	-4,000	0
SUB-TOTAL INSIDE THE UNITED STATES	76,086	-12,967	63,119
OUTSIDE THE UNITED ST	ATES		
Puerto Rico			
Puerto Rico International Airport			
Refueling Vehicle Shop and Paint Bay	460	-10	450
Sub-total Puerto Rico	460	-10	450
SUB-TOTAL OUTSIDE THE UNITED STATES	460	-10	450
SUB-TOTAL - ALL BASES	76,546	-12,977	63,569
PLANNING AND DESIGN	4,725	+3,000	7,725
UNSPECIFIED MINOR CONSTRUCTION	4,100	+0	4,100
SUB-TOTAL - SUPPORT COSTS	8,825	+3,000	11,825
_	0,020	,,,,,,,,	11,023
GRAND TOTAL	85,371	-9,977	75,394

SUMMARY PROJECT LIST AIR NATIONAL GUARD NEW MISSION VERSUS CURRENT MISSION — FY 97

LOCATION	PROJECT	COST (900)	CURRENT/ NEW/ENV
Jacksonville IAP ANG FL	Upgrade Heating Plants and Chillers	680	ENV
Robins AFB GA	B-1 Aircraft Parking Apron and Relocate Taxiway	8,800	N
	B-1 Composite Aircraft Maintenance Complex	12,400	N
	B-1 AGE and Munitions Trailer Maintenance Complex	2,800	
	B-1 Site Improvements, Roads, and Utilities	5,500	N
Hickam AFB HI	Alter Avionics Shop	1,000	N
Boise AT (Gowen Field) ID	Fuel Systems Maintenance and Corrosion		
	Control Facility	4,500	N ·
Greater Peoria Airport ANG IL	Fuel Systems Maintenance and Corrosion		
•	Control Facility	4,200	N
Fort Wayne IAP IN	Upgrade Drainage System	480	ENV
Barnes Municipal Apt ANG MA	Upgrade Heating Distribution System	500	ENV
Andrews AFB MD	Munitions Trailer Maintenance Facility	500	C
Selfridge ANG Base MI	Upgrade Heating Systems	3,000	ENV
Atlantic City IAP NJ	Add to and Alter Medical Training Facility	380	С
Kirtland AFB NM	Munitions Maintenance and Storage Complex	3,000	N
Reno Cannon IAP NV	Fuel Systems Maintenance and Corrosion Control Hangar	4,600	N
Francis S Gabreski Airport NY	Aircraft Washing and Deicing Facility	659	ENV
Stewart IAP NY	C-5 Flight Simulator Facility	3,000	N
Will Rogers World Apt OK	Add to and Alter Security Police Facility	570	С
Fort Worth Joint Reserve Base T	K Fuel Cell and Corrosion Control Facility	3,450	ENV
Salt Lake City IAP ANG UT	Electronics Security Squadron Complex	2,250	N
Volk Field ANGB WI	Upgrade Sanitary Sewer System	850	ENV

LOCATION	PROJECT	COST CURRENT/ (000) NEW/ENV
Puerto Rico IAP PR	Refueling Vehicle Shop and Paint Bay	450 ENV
	PLANNING AND DESIGN	7,725
	UNSPECIFIED MINOR CONSTRUCTION	4,100
	TOTAL NEW MISSION	52,050
	TOTAL CURRENT MISSION	1,450
	TOTAL ENVIRONMENTAL	10,069
	GRAND TOTAL - FY 1997 REQUEST	75,394

DEPARTMENT OF THE AIR FORCE JUSTIFICATION OF ESTIMATES FOR FISCAL YEAR 1997

APPROPRIATION

MILITARY CONSTRUCTION, AIR NATIONAL GUARD

SECTION 1

For construction, acquisition, expansion, rehabilitation, and conversion of facilities for the training and administration of the Air National Guard, and contribution there for, as authorized by Chapter 133 of Title 10, United States Code, and military construction authorization Acts, \$75,394,000 (\$171,272,000) to remain available until September 30, 2001 (September 30, 2000)

() Individual FY 96 Appropriation Language

SPECIAL PROGRAM CONSIDERATIONS

Pollution Abatement

The military construction projects proposed in this program will be designed to meet environmental standards. Military construction projects proposed primarily for abatement of existing pollution problems at installations have been reviewed to ensure that corrective design is accomplished in accordance with specific standards and criteria.

Energy Conservation

Military construction projects specifically for energy conservation at installations have been developed, reviewed, and selected with prioritization by energy savings versus investment cost. Projects include improvements to existing facilities and utility systems to upgrade design, eliminate waste, and install energy saving devices. Projects are designed for minimum energy consumption.

Flood Plain Management and Wet Land Protection

Proposed land acquisitions, disposals, and installation construction projects have been planned to allow the proposed management of flood plains and the protection of wet lands by avoiding long and short-term adverse impacts, reducing the risk of flood losses, and minimizing the loss or degradation of wet lands. Project planning is in accordance with the requirements of Executive Order Numbers. 11988 and 11900.

Design for Accessibility of Physically Handicapped Personnel

In accordance with Public Law 90-400, provisions for physically handicapped personnel will be provide for, where appropriate, in the design of facilities included in this program.

Preservation of Historical Sites and Structures

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

Environmental Protection

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

Economic Analysis

Economics are an inherent aspect of project development and design of military construction projects. Therefore, all projects included in this program represent the most economical use of resources. Actual economic analysis have been or will be prepared for all projects over \$2,000,000.

SPECIAL PROGRAM CONSIDERATIONS

(continued)

Reserve Manpower Potential

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

Potential Use of Vacant Schools and Other State and Local Facilities

The potential use of vacant schools and other state and local owned facilities has been reviewed and analyzed for each facility to be constructed under this program.

Construction Criteria Manual

Unless otherwise noted, the projects comply with the scope and design criteria prescribed in Part II of Military Handbook 1190, "Facility Planning and Design Guide."

Mil. Con., Air Recional Guard Program and Financing (in Thousands of dollars) SUMMARY

Identification code 57-3830-0-1-051		Budget Plan (amounts for MILITARY CONSTRUCTION actions programed)			Obligations		
		1995 actual	1996 est.	1997 est.	1995 actual	1996 est.	1997 est.
Program by activit	ies:						
00.0101 Direct program: Major construc	tion	222 242	444 44			•	
00.0201 Minor construc	tion	229,768 4,000	160,367 4,455	63,569	250,370		117,164
00.0301 Planning		14,823		4,100 7,725		3,273	3.665
00.9101 Total direct n			*********			10,358	7,667
00.9101 Total direct p	rogram	248,591	171,272	75,394	268,947		
10.0001 Total		*********					
IOCAL		248,591	171,272	75,394	268,947	160,712	128,496
Financing:							
Unobligated bala 21.4002 For completion	nce available, start of year:						
STINDS FOR COMPISSION	OI Drior year hudget nlane				-237,634	-210,520	-221,080
21.4009 Reprograming f	inance new budget plans rom/to prior year budget plan		-6,700			-6,700	221,000
ADODITE OF PATE	DCB Available, end of year.	-6,757					
PA-AAAA LOL COMDISCION	OI Drior year hudget nlane				210,520	221 000	465 450
A-4003 VASITEDIO LO L	IDADCE subsectiont was budget				6.700	221,080	167,978
25.0001 Unobligated bala	nce expiring	57			57		
39.0001 Budget author	rity '	248,591	164,572	75,394	248,591	164,572	75,394
Budget authority	,						73,379
10.0001 Appropriation		248,591	434 454				
0.3601 Appropriation	rescinded (unob bal)	240,371	171,272 -6,700	75,394	248,591	171,272	75,394
	•					-6,700	
3.0001 Appropriation	(adjusted)	248,591	164,572	75,394	248,591	164,572	75,394
Relation of obligat	tions to outlays:		• • • • • • • • • • • • • •				**********
TIVOUT ODTIGETIONS INCM	rred .				268,947	160,712	100 400
2.4001 Obligated balance 4.4001 Obligated balance	s, start of year				228,299	264.824	128,496 158,852
7.0001 Adjustments in ex	pired accounts (net)				-264,824	-158,852	-84,283
	· · · · ·				291		
0.0001 Outlays (net)					232,713	266,684	202.055
					636,143	400,004	203,065

Mil. Con., Air National Guard Object Classification (in Thousands of dollars) SUMMARY

Identification code 57-3830-0-1-051	1995 actual	1996 est.	1997 est.
Direct obligations: 132.001 Land and structures	264,133	149,962	119,446
199.001 Total Direct obligations	264,133	149,962	119,446
Allocation Accounts 332.001 Land and structures	4,814	10,750	9,050
399.001 Total Allocation Accounts	4,814	10,750	9,050
999.901 Total obligations	268,947	160,712	128,496
Obligations are distributed as follows: Defense-Military:Army Defense-Military:Navy Defense-Military:Air Force	1,404 3,410 264,133	1,427 9,323 149,962	388 8,662 119,446
Total Obligations	268,947	160,712	128,496

L. COMPONENT	FY 1997 GUARD AND				2. DATI	\$.
ANG	MILITARY CONSTRU	JCTION			A ADD	CONST
	ON AND LOCATION	ACTONIS A				INDEX
JACKSONVILLE	INTERNATIONAL AIRPORT (ANG)), FLUKIDA			4	.91
Iwelve monthl	AND TYPE OF UTILIZATION y assemblies per year, 15 a use of techician force.	annual fiel	ld t	raining	days pe	r
	VE/GUARD/RESERVE INSTALLAT: al Guard Armory	IONS WITHII	N 15	MILE RA	DIUS	
7. PROJECTS R	EQUESTED IN THIS PROGRAM:	FY 1997		COST	npeten	STATUS
CODE	PROJECT TITLE	SCOPE		(\$000)	START	
<u> </u>						
	ADE HEATING PLANTS AND LLERS		LS	680	OCT 93	JUN 9
	RVE FORCES FACILITIES BOAR	D RECOMMEN	DATI	ON	19_JU	L 95
Unilate	ral Construction Approved		DATI	ON	19 JU (Da	
Unilate		D RECOMMENT	DATI		(Da	te)
Unilate	ral Construction Approved		DATI			te)
Unilate LAND ACQUI D. PROJECTS CATEGORY	ral Construction Approved SITION REQUIRED PLANNED IN NEXT FOUR YEARS	None	DATI	COST	(Da	te)
Unilate D. LAND ACQUI LO. PROJECTS	ral Construction Approved SITION REQUIRED		DATI		(Da	te)
Unilate D. LAND ACQUI O. PROJECTS CATEGORY CODE 171-450 ADD	ral Construction Approved SITION REQUIRED PLANNED IN NEXT FOUR YEARS PROJECT TITLE TO AND ALTER MEDICAL	None		COST	(Da	te)
Unilate D. LAND ACQUI LO. PROJECTS CATEGORY CODE L71-450 ADD TRA 211-179 ADD	ral Construction Approved SITION REQUIRED PLANNED IN NEXT FOUR YEARS PROJECT TITLE TO AND ALTER MEDICAL INING FACILITY TO AND ALTER FUEL CELL AND	None SCOPE 9,800	SF	COST (\$000)	(Da	te)
Unilate D. LAND ACQUI LO. PROJECTS CATEGORY CODE L71-450 ADD TRA 211-179 ADD COR 219-944 ADD	ral Construction Approved SITION REQUIRED PLANNED IN NEXT FOUR YEARS PROJECT TITLE TO AND ALTER MEDICAL INING FACILITY	None SCOPE 9,800	SF SF	COST (\$000) 1,100	(Da	te)
Unilate O. LAND ACQUI O. PROJECTS CATEGORY CODE CODE CODE CODE CODE CODE CODE CODE CODE CODE	SITION REQUIRED PLANNED IN NEXT FOUR YEARS PROJECT TITLE TO AND ALTER MEDICAL INING FACILITY TO AND ALTER FUEL CELL AND ROSION CONTROL FACILITY TO AND ALTER BASE CIVIL	None <u>SCOPE</u> 9,800 11,000	SF SF	COST (\$000) 1,100	(Da	te)
Unilate O. LAND ACQUI LO. PROJECTS CATEGORY CODE L71-450 ADD TRA 211-179 ADD COR 219-944 ADD ENG	PLANNED IN NEXT FOUR YEARS PROJECT TITLE TO AND ALTER MEDICAL INING FACILITY TO AND ALTER FUEL CELL AND PROSION CONTROL FACILITY TO AND ALTER BASE CIVIL INEER MAINTENANCE SHOP	None <u>SCOPE</u> 9,800 11,000	SF SF SF	COST (\$000) 1,100 1,900 1,650	(Da	te)

1. COMPONENT ANG		FY 1997 MILIT	GUARD AND			2. DA	TE
3. INSTALLATI JACKSONVILLE			RPORT (ANG), FLORIDA			
11. PERSONNEI	STRENG	TH AS OF	31 JUL 95				
		PER	MANENT			GUARD/RES	ERVE
	TOTAL	OFFICER	ENLISTED	CIVILIAN	TOTAL	OFFICER	ENLISTED
AUTHORIZED	366	34	329	3	1,057	98	959
ACTUAL	307	26	279	2	988	96	892

2. RESERVE UNIT DATA			
		STREN	GTH
UNIT DESIGNATION		AUTHORIZED	ACTUAL
125 FG		47	54
159 FS		34	39
125 MNT SQ		200	344
125 MSF		34	34
125 MED SQ		52	51
125 CES		140	105
125 SPS		85	79
125 LOG SQ		112	106
125 COM FL		47	41
125 SVF		30	28
125 OPS GP		3	2
125 LOG GP		20	14
125 SPT GP		5	3
125 OSF		25	22
8125 STU FT		0	25
125 FGDET1		40	32
125 ACM SQ		151	8
125 LGSPFT		32	1
	TOTALS	1,057	988

13. MAJOR EQUIPMENT AND AIRCRAFT		
TYPE	AUTHORIZED	<u>ASSIGNED</u>
F-15 A/B Aircraft	15	19
C-26 Aircraft	1	1
Support Equipment	93	93
Vehicle Equivalents	191	210

JACKSONVILLE INTERNATIONAL AIRPORT ANG UPG	PROS GRADI LLLEI NUN		PLANTS .	
5. PROGRAM ELEMENT 6. CATEGORY CODE 7. PROJECT 55256F 821-116 LSGA939 9. COST ESTIMATES	9634	MBER 8. 1	PROJECT	COST(\$000)
9. COST ESTIMATES				
	3			\$680
ITEM		1	·	1
	U/M	OUANTITY	UNIT	(\$000)
UPGRADE HEATING PLANTS AND CHILLERS SUPPORTING FACILITIES UTILITIES PAVEMENTS SITE IMPROVEMENTS ASBESTOS REMOVAL SUBTOTAL CONTINGENCY (5%) TOTAL CONTRACT COST SUPERVISION, INSPECTION AND OVERHEAD (5%) TOTAL REQUEST TOTAL REQUEST (ROUNDED)	LS LS LS LS			515 100 (25] (35] (5] (35] 615 31 646 32 678 680

10. Description of Proposed Construction: Remove and dispose of two 3,500 MBH oil-fired boilers and two 175-ton chillers. Replace with individual heating and cooling units at grouped buildings. Upgrade duct work and controls. Remove asbestos insulation.

11. REQUIREMENT: As required.

PROJECT: Upgrade Heating Plants and Chillers (Current Mission).

REQUIREMENT: This is a level II environmental compliance project mandated by the Clean Air Act Amendments of 1990 and required by 40 CFR 50, National Primary and Secondary Ambient Air Quality Standards; 40 CFR 61, National Emission Standards for Hazardous Air Pollutants; and 40 CFR 82, Protection of Stratospheric Ozone. The base requires properly sized and efficient heating and cooling systems which meet applicable air quality emission standards. This project will replace the central heat plant by constructing packaged heating/air onditioning units grouped for efficiency and economical operation.

CURRENT SITUATION: The boilers and chillers serve eight buildings by underground steam/hot water lines and cooling lines. The boilers do not meet federal air quality emission standards. The systems are old and unreliable and controls are antiquated. The boiler insulation contains friable asbestos. The chillers are over 20 years old and use refrigerant R-113 which is being phased out and is no longer manufactured. Spare parts are no longer available and maintenance is ineffective. There is heat loss in the lines. A new heating system will reduce CO and NO2 emissions by eight tons per year and will reduce energy costs 19 percent. This will help meet federal, state and local clean air regulations. The base is in a transitional non-attainment area for ozone. IMPACT IF NOT PROVIDED: Unable to achieve federal air quality emission

1. COMPONENT		CONSTRUCTION PROJE	CT DATA	2. DATE
ANG	(compu	ter generated)	OI DAIA	
3. INSTALLATI	ION AND LOCATION			
JACKSONVILLE 4. PROJECT TI	INTERNATIONAL AIRPORT	ANG FLORIDA	5. PR	OJECT NUMBER
		ı e		
	ING PLANTS AND CHILLER		•	GA939634
high operatin	Energy inefficient and ng and maintenance cos supply of environment	ts. Chillers will	become ino	perable
exnausteu.				
-1				
				,
· · · · · · · · · · · · · · · · · · ·				
,				

. COMPO		Y 1997 MILITARY CONSTRUCTION PRO	OJECT DATA
NG		(computer generated)	
. INSTA	LATION AND	DLOCATION	
ACKSONV	T.I.R TNTRR	NATIONAL AIRPORT ANG FLORIDA	
	T TITLE	MALIOUND ALBIONAL MICE ADORDON	5. PROJECT NUMBER
			ļ
PGRADE	EATING PL	ANTS AND CHILLERS	LSGA939634
2. SUP	LEMENTAL	DATA:	
a. Es	imated De	sign Data:	
(1	Status:	•	
•	(a) Dat	e Design Started	93 OCT 22
	• •	cent Complete as of Jan 96	100%
		e 35% Designed	94 DEC 10
	(d) Dat	e Design Complete	95 JUN 01
(2	Basis:		
•		ndard or Definitive Design -	NO
	(b) Whe	re Design Was Most Recently Used	d – N/A
(3	Total C	ost (c) = (a) + (b) or (d) + (e)): (\$000
, ,		duction of Plans and Specificat	
	(b) A11	Other Design Costs	20
	(c) Total		50
	(d) Con		50
	(e) In-1	nouse	
(4	Constru	ction Start	97 MAY
David			
	ment asso ropriation	ciated with this project will be as: N/A	e provided from
			19
			Mr. Lee Anderson (301) 836-8080

1. COMPONENT FY 1997 GUARD AND ANG MILITARY CONSTR			2. DATE	3
3. INSTALLATION AND LOCATION	WYALYII.		A ADPA	CONSTR
ROBINS AIR FORCE BASE, GEORGIA			1	' INDEX
ROBING AIR TORGE DADE, GEORGIA			1	.96
5. FREQUENCY AND TYPE OF UTILIZATION			ļ. V.	. 70
Twelve monthly assemblies per year, 15	dave annual f	ield trai	ning ner	•
year, daily use by technician/AGR force			mrue her	•
		•		
6. OTHER ACTIVE/GUARD/RESERVE INSTALLAT	IONS WITHIN 1	5 MILE RA	DIUS	
1 Air Force Reserve Facility, 2 Army Na	tional Guard	Armories.	1 Army	
Reserve Facility, 1 Navy/Marine Reserve			•	
	•			
	and the state of t		·	
7. PROJECTS REQUESTED IN THIS PROGRAM:	FY 1997			
CATEGORY		COST	DESIGN	
CODE PROJECT TITLE	SCOPE	(\$000)	START	CMPL
113-321 B-1 AIRCRAFT PARKING APRON	83,400 SM	8,800	SEP 95	AUG 96
AND RELOCATE TAXIWAY				
211-152 B-1 COMPOSITE AIRCRAFT	7,138 SM	12,400	JUL 95	AUG 96
MAINTENANCE COMPLEX				
218-712 B-1 AGE AND MUNITIONS TRAILER	2,100 SM	2,800	SEP 95	AUG 96
MAINTENANCE COMPLEX				
932-000 B-1 SITE IMPROVEMENTS, ROADS	LS	5,500	FEB 95	MAY 96
AND UTILITIES				
8. STATE RESERVE FORCES FACILITIES BOAR	D DECOMMENDATI	TON		
Unilateral Construction Approved	D RECOMMENDAL	LON	_1_DEC	. 03
onitateral construction approved			(Dat	
9. LAND ACQUISITION REQUIRED	None		\ \Dat	.E.)
S. LAND ACQUIDITION ADQUIADD	None	(N	umber of	Acres
10. PROJECTS PLANNED IN NEXT FOUR YEARS				444
CATEGORY		COST		
CODE PROJECT TITLE	SCOPE	(\$000)		
2222	2.7.7.2.7			
116-665 B-1 POWER CHECK PAD WITH	LS	1,000		
SOUND SUPPRESSOR		_,		
141-753 B-1 COMPOSITE SQUADRON	35,600 SF	5,300		
OPERATIONS COMPLEX	,	-,		
171-445 B-1 OPERATIONS AND TRAINING	30,300 SF	4,800		
FACILITY	,	,,,,,,,		
171-875 B 1 LOAD CREW TRAINING	22,000 SF	2,800		
COMPLEX	,	_, -, -, -		
211-154 B-1 AIRCRAFT ORGANIZATIONAL	LS	520		

1. COMPONENT			GUARD AND			2. DA	TE
ANG			ARY CONSTR	UCTION			
3. INSTALLATI	ON AND	LOCATION					
ROBINS AIR FO	RCE BAS	E, GEORGI	A				
11. PERSONNEI	STRENG	TH AS OF	18 AUG 94				
		PER	MANENT			GUARD/RES	
	TOTAL	OFFICER	ENLISTED	CIVILIAN	TOTAL	OFFICER	ENLISTE
AUTHORIZED	359	24	334	1	1,096	105	991
ACTUAL	320	22	297	1	1,070	103	967
12. RESERVE V	INTT DAT	<u> </u>					
IZ. KDODKYD (•••		S	TRENGTH		
	UNIT DE	SIGNATION	Ī	AUTHORIZE		ACTUAL	
			_		_		
	116	CES		110		103	
	116	CAM SQ		460		438	
	116	COMMET		25		46	

CONTROL OF A SECURITION OF THE SECOND

JNIT DE	SIGNATION		AUTHORIZED	ACTUAL
116	CES		110	103
116	CAM SQ		460	438
116	COMMFT		35	46
116	MSF		35	34
116	RM SQ		107	109
116	FW		57	58
116	HOSPT		51	49
116	SPS		57	57
128	FS		44	38
530	AFBAND		36	35
116	SVS		34	29
116	OPS GP		8	8
116	OSF		30	30
116	LGS GP		27	32
116	SPT GP		5	4
		TOTALS	1,096	1,070

13. MAJOR EQUIPMENT AND AIRCRAFT		
TYPE	AUTHORIZED	<u>ASSIGNED</u>
B-1 Aircraft	8	2
Support Equipment	289	255
Vehicle Equivalents	227	229

1. COMPONENT									2.	DATE	
	F	1997	MILITARY C	ONSTRUC'	CION PR	OJECT	DAT		•		
ANG			(comput	er gene	rated)						
3. INSTALLATI	ON AN	LOCAT			4. PRO	JECT '	TITL	<u>s</u>			
					B-1 AI	RCRAF	T PAI	RKING	APR	ON	
ROBINS AIR FO	RCE B	ASE GEO	RGIA	· .	AND RE	LOCAT	E TAX	KIWAY			
5. PROGRAM EL	EMENT	6. CAT	EGORY CODE	7. PRO.	ECT NU	MBER	8. 1	PROJEC:	T C	OST(\$00	<u>o)</u>
entropy of the second							İ			•	·
51628F		11	3-321	UHH	959701		,		\$	8.800	
			9. COS	r estim	TES						
					, in	1		UNIT	ı	COST	
		ITEM			U/M	QUAR	CITY	COST		(\$000)	
B-1 AIRCRAFT	PARKI	IG APRO	N AND RELO	CATE]					
TAXIWAY					SM	83,				7,63	
PARKING APR					SM	62,		B .	94	(5,87	
RELOCATE TA	XIWAY				SM	20,	900		84	(1,75)	6)
SUPPORTING FA		ES			ŀ				H	39	
ACCESS ROAD	S				LS				ŀ	(4	5)
SITE IMPROV	EMENTS	3			LS	1				•	O)
DRAINAGE ST		RES			LS					•	O)
RAMP LIGHTI	NG				LS '					(25	
SUBTOTAL					1		:			8,02	
CONTINGENCY (•					l			İ	40	_
TOTAL CONTRAC										8,42	
SUPERVISION,		CTION A	ND OVERHEAD	D (5%)						42	
TOTAL REQUEST						1				8,84	
TOTAL REQUEST	(ROUI	NDED)				1				8,800	0
						1					
						1					
					ı	1		i	ł		

10. Description of Proposed Construction: Reinforced concrete slabs with provision for the aircraft support system and hydrant refueling system on the ramp. Provide ramp lighting and taxiway edge lighting. Remove old taxiway rubble. Reinforced concrete taxiway slabs. Relocate and extend utilities. Site improvements, drainage and support.

11. REQUIREMENT: 83,000 SM ADEQUATE: O SUBSTANDARD: PROJECT: B-1 Aircraft Parking Apron and Relocate Taxiway (New Mission). REQUIREMENT: The 116th Fighter Wing at Dobbins AFB is moving to Robins AFB and converting from F-15 fighter aircraft to B-1 bomber aircraft in 1996. The base needs an adequately sized and properly configured apron for parking and maintenance and a taxiway strong enough to support the load and allow the aircraft to taxi to both ends of the runway. **CURRENT SITUATION:** A site survey conducted jointly by representatives from the Air National Guard, Air Combat Command, Air Force Material Command and HQ USAF ascertained there are no permanent facilities available at Robins AFB to house the the B-l aircraft. All permanent facilities at Robins AFB are being used to full capacity to support the numerous base missions. In the interim, the aircraft are parked in the old SAC alert apron. However, this apron is too small and is needed for munition storage and to load munitions on the aircraft. The base has made available an area where ANG can build the facilities. Until the ramp is constructed, the ANG will be using high risk workarounds for parking and maintaining the aircraft. The existing taxiway is not strong enough to support the B-1 aircraft, which is one of the heaviest weapon system in the inventory. The taxiway is also in the way of the parking apron and must be relocated. This taxiway is vital to the aircraft movements on the west side of the base and as access to the Hot Cargo Apron. Various Site

1. COMPONENT	FY 1997 MILITARY CONSTRUCTION PROJEC (computer generated)	T DATA	2. DATE
	ON AND LOCATION ORCE BASE GEORGIA		
4. PROJECT T			ROJECT NUMBER

· 國際機能與數學中心。 2. 多數學的發展的形式

Activation Task force teams have declared the facility portion of the beddown as unsatisfactory pending the completion of these and numerous other facilities.

IMPACT IF NOT PROVIDED: Unable to properly park and maneuver the aircraft. Unable to reach the ends of the runway. The aircraft are parked over two miles from the hangar and other maintenance facilities. Unable to construct the munition maintenance and storage facilities. Aircraft and personnel will have to be flown to other bases for munition training and aircraft loading. Higher operating costs. Readiness and capability severely degraded.

ADDITIONAL: All known options were considered during the development of this project. No other option could meet the mission requirements; therefore, no economic analysis was needed or performed.

ANG	ENT PROTECTION PROTECTION PROTECTION	2. DATE
ANG	FY 1997 MILITARY CONSTRUCTION PROJECT (computer generated)	DATA
3. INSTAL	LATION AND LOCATION	
ROBINS AI	R FORCE BASE GEORGIA	
4. PROJEC	T TITLE	5. PROJECT NUMBER
3-1 AIRCR	AFT PARKING APRON AND RELOCATE TAXIWAY	UHHZ959701
.2. SUPP	LEMENTAL DATA:	
a. Est	imated Design Data:	
(1)	Status:	
	(a) Date Design Started	95 SEP 01
	(b) Percent Complete as of Jan 96	40%
	(c) Date 35% Designed	96 FEB 01
	(d) Date Design Complete	96 AUG 31
(2)	Basis:	
	(a) Standard or Definitive Design -	NO
	(b) Where Design Was Most Recently Used -	N/A
(3)	Total Cost (c) = $(a) + (b)$ or $(d) + (e)$:	(\$000)
	(a) Production of Plans and Specifications	440
	(b) All Other Design Costs	210
	(c) Total	650
	(d) Contract (e) In-house	650
	(e) In-nouse	
/ 4 \		
(4)	Construction Start	97 MAY
(4)	Construction Start	97 MAY
. Equip	ment associated with this project will be prov	
. Equip	ment associated with this project will be prov	
. Equip	ment associated with this project will be prov	
. Equip	ment associated with this project will be prov	
. Equip	ment associated with this project will be prov	
. Equip	ment associated with this project will be prov	
. Equip	ment associated with this project will be prov	
. Equip	ment associated with this project will be prov	
. Equip	ment associated with this project will be prov	
. Equip	ment associated with this project will be prov	
o. Equip	ment associated with this project will be prov	
o. Equip	ment associated with this project will be prov	
. Equip	ment associated with this project will be prov ropriations: N/A	

						1								
1. COMPONENT	F	7 199	97 MILITA	RY CO	NSTRUC	CION	PRO	JECT	DATA		2.	DA'	re	
ANG			(co	moute	er gene	rate	d)						· makka	
3. INSTALLATI	ON ANI	1.00						ECT :	CITLE	;				
J. 1										RCRAI	T			
ROBINS AIR FO	RCE B	ASE (GEORGIA			MAI	NTEN	NANCE	COMP	LEX				
5. PROGRAM EL	EMENT	6. (CATEGORY	CODE	7. PRO	JECT	NUN	IBER	8. F	ROJE	CT C	OS	T(\$00	0)
51628F			211-152		UHH	<u> 2939</u>	789				\$1	2.	400	
					ESTIM	ATES								
							, i			UNI	ם		COST	
		IT	EM				U/M	OUAN	YTIT	COST	<u> </u>	_(\$000)	
COMPOSITE AIR	CRAFT	MAI	NTENANCE	COMPI	LEX		SM	7,	138				9,60	
GENERAL PUR	POSE I	MIAN	TENANCE S	SHOPS		ļ	SM		000		250			
FUEL SYSTEM	IS MAI	NTEN	ANCE HANG	AR			SM		150		400			
CORROSION C							SM		150		100			
FUEL SYSTEM				L SHO	OPS	1	SM		550		300			
SURVIVAL EC	UIPME	NT S	HOP			1	SM		288	1,	300			•
SUPPORTING FA								l				١	1,70	
UTILITIES/F			SSION				LS	1				(1,00	
SITE IMPROV	EMENT	S					LS	ļ				(10	•
PAVEMENTS						- [LS	l				 	60	
SUBTOTAL						- 1							11,30	
CONTINGENCY (_										-	<u>56</u>	
TOTAL CONTRAC				355TF 4 5	. / = # `								11,87	
SUPERVISION,		UTIO	N AND OVE	SKHEA	U (5%)							-	<u>59</u>	
TOTAL REQUEST		· · · · · · · · · · · · · · · · · · ·											12,46	
TOTAL REQUEST	(KUU	พบตบ)			i		ĺ					12,40	U
						1		Ī						

10. Description of Proposed Construction: Reinforced concrete foundation and floor slab. Steel framed insulated panels walls, interior masonry walls and roof structure. Provide interior utilities. Provide exterior utilities, site improvements, access pavements, fire suppression, and support.

Air Conditioning: 100 Tons.

11. REQUIREMENT: 7,138 SM ADEQUATE: 0 SUBSTANDARD: 0

PROJECT: B-1 Composite Aircraft Maintenance Complex (New Mission).

REQUIREMENT: The 116th Fighter Wing at Dobbins AFB is moving to Robins AFB and converting from F-15 fighter aircraft to B-1 bomber aircraft in 1996. The base needs a complex for corrosion control, fuel cell inspection, aircraft maintenance and repair shops for the B-1 aircraft. This project is in the 3rd phase of a program to provide permanent facilities for these aircraft.

CURRENT SITUATION: A site survey conducted jointly by representatives from the Air National Guard, Air Combat Command, Air Force Material Command and HQ USAF ascertained there are no permanent facilities available at Robins AFB to house the the B-l aircraft maintenance functions. All permanent facilities at Robins AFB are being used to full capacity to support the numerous base missions. The base has made available an area where the ANG can build the permanent facilities. Until they are constructed, the ANG is using high risk workarounds to park and maintain the aircraft. The majority of the maintenance is done on the ramp, weather permitting. For covered maintenence area, the ANG shares the facilities, on a space available basis, with the other base users such as the C-141 depot mission and the KC-135 aircraft. The shops are also being shared. However, they are not properly sized or configured for B-1

1. COMPONENT ANG	FY 1997 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
3. INSTALLAT	ION AND LOCATION	•

ROBINS AIR FORCE BASE GEORGIA

4. PROJECT TITLE

5. PROJECT NUMBER

B-1 COMPOSITE AIRCRAFT MAINTENANCE COMPLEX

UHHZ939789

and are scattered among other shops and functions on base. Critical maintenance is done at other Air Force or ANG B-1 bases. Other critical maintenance tasks are delayed. Command and control and quality assurance for aircraft maintenance does not exist. Inclement weather reduces the work that can be performed on the ramp. The safety of the maintenance work force is compromised. The accumulated maintenance deficiencies can ground the aircraft and the crews cannot train. Various Site Activation Task Force teams have declared the facility portion of the beddown as unsatisfactory until these and other facilities are completed. IMPACT IF NOT PROVIDED: Unable to accomplish maintenance properly. Unable to reach full operational capability. Training opportunities are lost. Maintenance of engines and other aircraft components and systems are done on the ramp using high risk workarounds. Aircraft and personnel will have to be flown to other bases for some of the maintenance. Higher operating costs. Aircraft could be grounded and readiness and capability severely degraded.

ADDITIONAL: All known options were considered during the development of this project. No other option could meet the mission requirements; therefore, no economic analysis was needed or performed.

. COMPONE	FY 1997 MILITARY CONSTRUCTION PROJECT DA	2. DATE
NG INSTALL	(computer generated) ATION AND LOCATION	
. PROJECT	FORCE BASE GEORGIA TITLE	5. PROJECT NUMBER
-1 COMPOS	ITE AIRCRAFT MAINTENANCE COMPLEX	UHHZ939789
2. SUPPL	EMENTAL DATA:	
a. Esti	mated Design Data:	
, ,	Status:	
	(a) Date Design Started	95 JUL 01
	(b) Percent Complete as of Jan 96	40% 95 DEC 15
	(c) Date 35% Designed (d) Date Design Complete	96 AUG 15
(2)	Basis:	
	(a) Standard or Definitive Design -	NO
	(b) Where Design Was Most Recently Used -	N/A
	Total Cost (c) = (a) + (b) or (d) + (e):	(\$000
	(a) Production of Plans and Specifications	730
	(b) All Other Design Costs	292
	(c) Total (d) Contract	1022 1022
	(e) In-house	1022
(4)	Construction Start	97 MAY
	ent associated with this project will be provious opriations: N/A	ded from
	, Mr	. Steve Rider
	(3	801) 836-8083

1. COMPONENT F	Y 1997 MILITARY C	ONSTRUC	TION PR	OJECT	DATA		DATE
ANG	(comput				~~**	-	
3. INSTALLATION AN		V - D VIAN	4. PRO	TECT T	፣ ተገገ	·	
J. INDIADDALION AN	D BOORIION					TIONS T	DATTED
ROBINS AIR FORCE B	ASP CEODETA		MAINTE				KALLDA
5. PROGRAM ELEMENT							COST(\$000
5. PROGRAM ELEMENT	6. CALEGORI CODE	/. PRO	DECT NO	MDEK	5. E	KOJECI (POST (\$000
51 (007)				- 1			
51628F	218-712		<u> 2959519</u>				2.800
· · · · · · · · · · · · · · · · · · ·	9, COS	T ESTIM	ATES				
						UNIT	COST
	ITEM		U/M	MAUO	YTE	COST	(\$000)
B-1 AGE AND MUNITI				İ	1		
MAINTENANCE COMPLE	X		SM	2,1	100	1	1,759
AGE SHOPS MAINTE	NANCE AND STORAGE		SM	9	50	810	
MUNITIONS TRAILE	R MAINTENANCE/STO	RAGE	SM	1,1	.50	860	(989
SUPPORTING FACILIT	PIES				1		775
UTILITIES			LS	1	- 1		(230
PAVEMENTS			LS				(310
SITE IMPROVEMENT	:S		LS				(11:
SECURITY FENCING			LS	1		1	(120
SUBTOTAL				1		•	2,534
CONTINGENCY (5%)							127
TOTAL CONTRACT COS	T			1			2,66
SUPERVISION, INSPE	, -	D (5%)		1			133
TOTAL REQUEST	OIION AND OTERMEN	D (3A)	1				2,794
TOTAL REQUEST (ROU	MDED)						2,800
TOTAL REQUEST (ROU	MDED)		ŀ	I			2,800
					ĺ	!	
10. Description o	f Proposed Constr	uction	Deinf	orced		rete for	ndation
and floor slab, st							
and river stab, stand exterior utili							
	_	шепе, г	rre bro	CECCIO	ii ai	ia suppo	
Air Conditioning:		TE. A	TITE CON A BY	DADD.			
11. REQUIREMENT:			SUBSTAN		0	. /Ma w	lande-\
PROJECT: B-1 AGE							
REQUIREMENT: The	—	_					
AFB and converting							
	quires a properly						
for the B-l aircra							
munitions from the	• •						
include maintenanc			e, tool	room,	loc	ker room	ns,
classrooms, and ad				_			
CURRENT SITUATION:							
from the Air Natio							
Command and HQ USA							
base that can be u	sed for the munit	ions ma	intenan	ce and	AGE	equipme	ent
storage. The B-1	aircraft has large	e numbe:	rs of s	upport	equ	ipment (that
require maintenanc	e and storage are	as. The	e base	has an	are	a with	
sufficient quantit	y distance that m	eets al	l crite	ria an	d wo	uld allo	W
construction of th	e complex. Until	this p	roject	is com	plet	ed the	ANG will
be using temporary	leased trailers.	The t	emporar	y age	faci	lity has	s been
comporary							•

made available by the base. The space, however, is away from the aircraft parking and less than one third of the authorized space. The majority of the maintenance work is done outside, weather permitting. The equipment

IMPACT IF NOT PROVIDED: The ANG will be unable to accomplish proper

is also stored outside.

1. COMPONENT	FY 1997 MILITARY CONSTRUCTION PROJECT D. (computer generated)	ATA 2. DATE
	ON AND LOCATION	
ROBINS AIR FO	PRCE BASE GEORGIA	
4. PROJECT TI	TLE	5. PROJECT NUMBER
B-1 AGE AND M	TUNITIONS TRAILER MAINTENANCE COMPLEX	UHHZ959519
improper main and deteriors operating cost to support the ADDITIONAL: this project.	tining maintenance and handling. The AGE equatenance. Outside storage accelerates the ration. Unable to reach full operational capats. Lack of adequate area directly impact are mission. Degraded readiness. All known options were considered during the No other option could meet the mission representation of the conomic analysis was needed or performed.	usting, corrosion ability. Higher unit's capability e development of
		1
ĺ		

. COMPONE	FY 1997 MILITARY CONSTRUCTION PROJECT DA	ATA 2. DATE
NG	(computer generated)	
. INSTALL	TION AND LOCATION	
OBINS AIR	FORCE BASE GEORGIA	
. PROJECT		5. PROJECT NUMBER
_1 ACR AND	MUNITIONS TRAILER MAINTENANCE COMPLEX	UHH2959519
-I AGD AN	MONITIONS TRAIDER MAINTENANUS COMPLEX	()11(//////////////////////////////////
2. SUPPLI	MENTAL DATA:	
a. Estin	ated Design Data:	
(1)	Status:	•
	a) Date Design Started	95 SEP 01
	b) Percent Complete as of Jan 96	40%
	c) Date 35% Designed	96 FEB 01
•	d) Date Design Complete	96 AUG 15
\ <i>\</i>	Basis:	
	a) Standard or Definitive Design -	NO
(b) Where Design Was Most Recently Used -	N/A
(3)	Total Cost (c) = (a) + (b) or (d) + (e):	(\$000
	a) Production of Plans and Specifications	135
	b) All Other Design Costs	70
	c) Total	205
	d) Contract	205
(e) In-house	
(4)	Construction Start	97 JUN
	nt associated with this project will be provide	ied from
ther appro	priations: N/A	
	Mr	. Steve Rider

•						
1. COMPONENT						. DATE
1	Y 1997 MILITARY CO			DJECT DA	TA	
ANG 3. INSTALLATION AND		er generate		JECT TIT		
3. INSTALLATION AND	LUCATION				LE Vements,	DOADS
DORING ATD BODGE D	170.000 GD.				APLIENTS,	KUADS
ROBINS AIR FORCE BA				ILITIES	DDO TROT	COST(\$000)
5. PROGRAM ELEMENT	O. CALEGURI CODE	/ PRUJEC.	r Mai	TDEK 6.	PROJECT	COST(\$000)
51620F	000 000	*******	2500			\$5.500
51628F	932-000	UHHZ949 ESTIMATES				93,300
	9. 608.	F2TIMATE:	}	l	UNIT	COST
	ITEM		TT /W	OUANTIT		(\$000)
B-1 SITE IMPROVEMEN		26	LS	OUARITI	1 COST	4,620
UTILITIES	AIS\ WOWDS\ OIITIII	50	LS		1	(1,740)
DRAINAGE STRUCTU	ore		LS			(1,350)
ROADS AND PARKING			LS		ł	(1,530)
SUPPORTING FACILITY			100		Į.	385
SITE IMPROVEMENTS			LS			(385)
SUBTOTAL	•		الما			5,005
CONTINGENCY (5%)						250
TOTAL CONTRACT COST	r				1	5,255
SUPERVISION, INSPEC		n (5%)	l	ł	ł	263
TOTAL REQUEST	SIION MAD OVERHEAD) (SA)	ł		Ì	5,518
TOTAL REQUEST (ROUI	vnen)				Ì	5,500
TOTHE REQUEST (NOO!			l	ł		3,300
					ļ	
			l			i l
					i i	
			1	ł		· I
]
10. Description of	F Proposed Constri	uction: P	aved	road ne	twork, n	arking
lots, major drainag						
Tie the ANG area to	the base utility	v network.	In	cludes:	gas. ele	ctric.
water, storm and sa						
industrial waste wa	ater pond. securi	ty fencing	and	minimal	landsca	ning.
11. REQUIREMENT:						
PROJECT: B-1 Site		ads and Ut	11i+	les (New	Mission	s. I
REQUIREMENT: The	ll6th Fighter Wing	z at Dobbin	ns Al	FB is mo	ving to	Robins
AFB and converting	from F-15 fighter	aircraft	to 1	3-1 bomb	er aircr	aft in
1996. The base red	quires properly s	ited and ac	leau	stelv co	nfigured	
facilities for the						
heaviest and noisie						-
CURRENT SITUATION:						tives
from the Air Nation	nal Guard. Air Com	abat Commar	nd.	ir Fore	e Materi	al
Command and HQ USAE	have ascertained	there are	no	Dermane	nt facil	ities
available at Robins	to beddown the I	3-1 aircrat	Et.		e has an	
area that can be us						t of the
existing base on se			006	n drain	age syst	em
crosses the propert						11
utilities and a roa	d network must be	extended	to t	he area		rainage
must be rerouted.	Ramp runoff must	be capture	ed. t	reated	and disp	osed in
an environmentally	safe manner. Fue	el spill co	ntai	nment me	easures	must be
constructed. The s	ecurity fencing i	s needed t	:0 86	parate	the flight	htline
area from the rest	of the base. Com	munication	IS SY	tems do	not exi	st and
must be constructed						

in the second managed the text of the distribution of the

must be constructed or extended from the base network. The central parking lots for parking up to 800 private owned vehicles, for UTA training, are not available and must be constructed. The area must be

1. COMPONENT FY 1997 MILITARY CONSTRUCTION PROJECT DATA ANG (computer generated)	2. DATE
3. INSTALLATION AND LOCATION	
ROBINS AIR FORCE BASE GEORGIA	·
	PROJECT NUMBER
B-1 SITE IMPROVEMENTS, ROADS AND UTILITIES t	JHHZ949508

screened off from the nearby public roads for the noise and security. IMPACT IF NOT PROVIDED: Unable to beddown and properly maintain the B-1 aircraft resulting in a loss of training opportunities for over 1,400 personnel. Also unable to construct and utilize the required facilities for the unit to reach full operational capability resulting in a unsatisfactory rating for the mission beddown.

ADDITIONAL: All known options were considered during the development of this project. No other option could meet the mission requirements; therefore, no economic analysis was needed or performed.

NG	INI	TU 1007 MILTER TO ANOMENIA TO THE TOTAL TO	4 M 4	2. DATE
		FY 1997 MILITARY CONSTRUCTION PROJECT DA (computer generated)	ATA	
	ATIO	N AND LOCATION		
		GD D. GD GD GD GT 4		
. PROJECT		CE BASE GEORGIA	IS PR	OJECT NUMBER
· IROUDUL				
-1 SITE I	(MPRO	VEMENTS, ROADS AND UTILITIES	UH	HZ949508
2. SUPPL	LEMEN	TAL DATA:		
a. Esti	imate	d Design Data:		
(1)	Sta	tus:		
		Date Design Started		95 FEB 23
		Percent Complete as of Jan 96		70%
		Date 35% Designed		95 OCT 15
	(a)	Date Design Complete		96 MAY 01
	Bas			
		Standard or Definitive Design -		NO
	(b)	Where Design Was Most Recently Used -		N/A
(3)	Tot	al Cost (c) = $(a) + (b)$ or $(d) + (e)$:		(\$000
		Production of Plans and Specifications		102
		All Other Design Costs		52
		Total		154
		Contract		154
	(e)	In-house		
	Con	struction Start		97 JUN
(4)				
(4)				
. Equipm	ient a	associated with this project will be provide	ied fro	m
. Equipm	ment a	associated with this project will be providations: N/A	ied fro	m
. Equipm	ment a	associated with this project will be providations: N/A	ied fro	m
. Equipm	ient (associated with this project will be providations: N/A	ied fro	m.
. Equipm	nent a	associated with this project will be providations: N/A	ied fro	m.
. Equipm	nent (associated with this project will be providations: N/A	ied fro	m
. Equipm	ent a	associated with this project will be providations: N/A	ded fro	m
. Equipm	nent a	associated with this project will be providations: N/A	ied fro	m.
. Equipm	ent (associated with this project will be providations: N/A	ied fro	m.
. Equipm	nent a	associated with this project will be providations: N/A	ied fro	m
. Equipm	nent a	associated with this project will be providations: N/A	ied fro	m
. Equipm	nent a	associated with this project will be providations: N/A	ied fro	m
	nent a	associated with this project will be providations: N/A	ied fro	70.
. Equipm	nent a	ations: N/A	ied fro	

1. COMPONENT	FY 1997 GUARD AND			2. DATE	
ANG	MILITARY CONST	RUG FILON		1 4 7 7 7	
. INSTALLATION				•	CONST
IICKAM AIR FORC	E DADE, HAWAII				INDEX
. FREQUENCY AN	D TYPE OF UTILIZATION				
welve monthly	assemblies per year, 15	days annual fi	eld trai	ning per	•.
ear, daily use	by technician/AGR force	e for training.			
. OTHER ACTIVE	/GUARD/RESERVE INSTALLAT	TIONS WITHIN 15	MILE RA	DIUS	
	tions, 1 Army Facility,				
	aval Installations, 1 Ma	arine Corps Res	erve Cen	ter, 4 A	rmy
National Guard	Installations				
	UESTED IN THIS PROGRAM:	FY 1997			
CATEGORY			COST	design	
CODE	PROJECT TITLE	SCOPE	(\$000)	START	CMPL
17-712 ALTER	AVIONICS SHOP	465 SM	1,000	OCT 94	MAY 9
			•		
. STATE RESERVI	E FORCES FACILITIES BOAR	RD RECOMMENDATI	ON		
	E FORCES FACILITIES BOAR 1 Construction Approved	RD RECOMMENDATI	ON	21 SEP	
Unilateral	l Construction Approved		ON	21 SEP	
Unilateral	l Construction Approved	RD RECOMMENDATI		(Dat	e)
Unilateral	l Construction Approved	None			e)
Unilateral LAND ACQUISIT	l Construction Approved	None		(Dat	e)
Unilateral . LAND ACQUISIT 0. PROJECTS PLA	l Construction Approved	None	(N	(Dat	e)
Unilateral LAND ACQUISIT O. PROJECTS PLA ATEGORY CODE	1 Construction Approved TION REQUIRED ANNED IN NEXT FOUR YEARS PROJECT TITLE	None S SCOPE	COST (\$000)	(Dat	e)
Unilateral LAND ACQUISIT O. PROJECTS PLA ATEGORY CODE 41-753 ALTER S	1 Construction Approved FION REQUIRED ANNED IN NEXT FOUR YEARS PROJECT TITLE SQUADRON OPERATIONS	None S	COST (\$000)	(Dat	e)
Unilateral . LAND ACQUISIT O. PROJECTS PLA ATEGORY CODE 41-753 ALTER S FACIL	I Construction Approved TION REQUIRED ANNED IN NEXT FOUR YEARS PROJECT TITLE SQUADRON OPERATIONS ITY	None S SCOPE 45,600 SF	COST (\$000) 9,000	(Dat	e)
Unilateral LAND ACQUISIT O. PROJECTS PLA ATEGORY CODE 41-753 ALTER S FACIL 19-944 BASE C	I Construction Approved FION REQUIRED ANNED IN NEXT FOUR YEARS PROJECT TITLE SQUADRON OPERATIONS ITY IVIL ENGINEER	None S SCOPE	COST (\$000) 9,000	(Dat	e)
Unilateral LAND ACQUISIT O. PROJECTS PLA ATEGORY CODE 41-753 ALTER S FACIL 19-944 BASE C	I Construction Approved TION REQUIRED ANNED IN NEXT FOUR YEARS PROJECT TITLE SQUADRON OPERATIONS ITY	None S SCOPE 45,600 SF	COST (\$000) 9,000	(Dat	e)
Unilateral LAND ACQUISIT O. PROJECTS PLA ATEGORY CODE 41-753 ALTER S FACIL 19-944 BASE C	I Construction Approved FION REQUIRED ANNED IN NEXT FOUR YEARS PROJECT TITLE SQUADRON OPERATIONS ITY IVIL ENGINEER	None S SCOPE 45,600 SF	COST (\$000) 9,000	(Dat	e)
Unilateral LAND ACQUISIT O. PROJECTS PLA ATEGORY CODE 41-753 ALTER S FACIL 19-944 BASE C	I Construction Approved FION REQUIRED ANNED IN NEXT FOUR YEARS PROJECT TITLE SQUADRON OPERATIONS ITY IVIL ENGINEER	None S SCOPE 45,600 SF	COST (\$000) 9,000	(Dat	e)
Unilateral LAND ACQUISIT O. PROJECTS PLA ATEGORY CODE 41-753 ALTER S FACIL 19-944 BASE C	I Construction Approved FION REQUIRED ANNED IN NEXT FOUR YEARS PROJECT TITLE SQUADRON OPERATIONS ITY IVIL ENGINEER	None S SCOPE 45,600 SF	COST (\$000) 9,000	(Dat	e)
Unilateral LAND ACQUISIT O. PROJECTS PLA ATEGORY CODE 41-753 ALTER S FACIL 19-944 BASE C	I Construction Approved FION REQUIRED ANNED IN NEXT FOUR YEARS PROJECT TITLE SQUADRON OPERATIONS ITY IVIL ENGINEER	None S SCOPE 45,600 SF	COST (\$000) 9,000	(Dat	e)
Unilateral LAND ACQUISIT O. PROJECTS PLA ATEGORY CODE 41-753 ALTER S FACIL 19-944 BASE C	I Construction Approved FION REQUIRED ANNED IN NEXT FOUR YEARS PROJECT TITLE SQUADRON OPERATIONS ITY IVIL ENGINEER	None S SCOPE 45,600 SF	COST (\$000) 9,000	(Dat	e)

1. COMPONENT		FY 1997	GUARD AND			2. DA	TE
3. INSTALLATI HICKAM AIR FO		LOCATION					
11. PERSONNEL	STRENG	TH AS OF	18 AUG 95				
		PER	MANENT			GUARD/RES	ERVE
	TOTAL	OFFICER	ENLISTED	CIVILIAN	TOTAL	OFFICER	ENLISTED
AUTHORIZED	866	21	128	717	2,611	303	2,308
ACTUAL	778	21	125	632	2,323	253	2,070

第一、 1994年,并被自由1896年,2016年,第1917年,

12. RESERVE UNIT DATA	
	STRENGTH
UNIT DESIGNATION	<u>AUTHORIZED</u> <u>ACTUAL</u>
HQ HI ANG	31 28
199 WF	14 13
154 GP	150 136
154 AGS	303 269
154 LG	31 38
154 LS	120 114
154 LSF	50 36
154 MXS	401 343
154 OG	10 8
154 ACWS	74 51
154 ACS	121 105
154 OSF	39 34
169 ACWS	204 179
199 FS	41 37
203 ARS	65 64
204 AS	46 49
154 SPTG	5 6
154 CF	35 34
154 CES	110 97
154 MSF	36 32
154 SPS	41 43
154 SVF	34 35
201 CCGP	57 48
291 CBCS	<u>161</u> <u>147</u>
TOT	

TYPE	AUTHORIZED	ASSIGNED
F-15C AIRCRAFT	15	20
C-130H AIRCRAFT	4	4
KC-135R AIRCRAFT	•	·

Support Equipment 361 361 Vehicle Equivalents 478 478

1. COMPONENT				2.	DATE
ANG	FY 1997 MILITARY CONST		ROJECT DAT	'A	
3. INSTALLATION A	(computer go		JECT TITL	Z	
HICKAM AIR FORCE		ALTER	AVIONICS	SHOP	2027 (A000)
o. Program Elemen	T 6. CATEGORY CODE 7.	SKOJECT NO	MBEK 8.	PROJECT	COST(\$000)
51411F	217-712	QMD949763	3		\$1.000
	9. COST ES				
	W 400-00-0			UNIT	COST
ALMON AUTOMIOS OF	ITEM		OUANTITY		(\$000)
ALTER AVIONICS SE SUPPORTING FACILI		SM	465	1,830	
UTILITIES	TIES	LS			65 (<u>65</u>)
SUBTOTAL		155			916
CONTINGENCY (5%)					46
COTAL CONTRACT CO	ST				962
SUPERVISION, INSP	ECTION AND OVERHEAD (59	()			48
COTAL REQUEST					1,010
COTAL REQUEST (RO	UNDED)				1,000
				ŀ	
0. Description	of Proposed Construction	n: Concr	ete block	two sto	rv
	xisting hangar with med				- 4
ietection system,		•		•	
ir Conditioning:	25 Tons.				
	948 SM ADEQUATE: 48		STANDARD:	232 SM	
	vionics Shop (New Missi	•			
	base requires a suffic				
	cs and electronic count				
	r, maintenance, and cal			_	-
	and KC-135 aircraft.				
	ace in Hangar 17, Build			nal area	9
- •	administrative offices				
CURRENT SITUATION					
) in the central core				
	avionics/ECM shop. The rical and mechanical sy				
	rical and mechanical sy nics and ECM equipment				
	equipment requires a cl				
	ature and humidity for				
contiolied temper	active and numbered for	acceptabl	CCL		

IMPACT IF NOT PROVIDED: Degraded training. Costly repairs and utility services to existing building. High risk of not meeting Air Force

to other host missions planned for the existing area.

technical standards for calibration of sensitive electronic equipment that provides guidance and control to high value aircraft. Loss of space due

service.

	ATIO	(computer generated) N AND LOCATION	
CKAM AI PROJEC		CE BASE HAWAII	5. PROJECT NUMBER
I NOO DO.			
TER AVI	ONICS	SHOP	KNMD949763
. SUPP	LEMEN	TAL DATA:	
a. Est	imate	d Design Data:	
(1)	Sta		
		Date Design Started	94 OCT 26
		Percent Complete as of Jan 96 Date 35% Designed	70% 95 JUL 18
		Date Design Complete	96 MAY 15
(2)	Bas	is:	
(-)		Standard or Definitive Design -	NO
	(b)	Where Design Was Most Recently Used -	N/A
(3)		al Cost (c) = (a) + (b) or (d) + (e):	(\$000
		Production of Plans and Specifications	50
		All Other Design Costs	2: 7:
		Total Contract	7:
		In-house	•
(4)	Con	struction Start	97 MA
		associated with this project will be providations: N/A	led from
			led from
			led from
			led from
			led from
			led from
			led from
			led from
			led from
			led from

1955年的自然中心地震的一位强度上皮质的自然性神经地

1. COMPONENT FY 1997 GUARD			2. DATE
ANG MILITARY COI	ASTRUCTION	, , , , , , , , , , , , , , , , , , , 	4 4994 607699
3. INSTALLATION AND LOCATION			4. AREA CONSTR
BOISE AIR TERMINAL (GOWEN FIELD) IDA	COST INDEX		
			1.19
5. FREQUENCY AND TYPE OF UTILIZATION Twelve monthly assemblies per year, year, daily use by technician/AGR for	15 days annual fi	eld train	ning per
6. OTHER ACTIVE/GUARD/RESERVE INSTAIL 1 Army National Guard Facility, 1 Army Research 1	rmy Reserve Facili	ty, 1 U.	S. Army
Reserve			
7. PROJECTS REQUESTED IN THIS PROGRA	M: FY 1997		
CATEGORY		COST	DESIGN STATUS
CODE PROJECT TITLE	SCOPE	(\$000)	START CMPL
211-179 FUEL SYSTEMS MAINTENANCE AND CORROSION CONTROL FACILITY		4,500	APR 94 NOV 95
	.		
		ON	
8. STATE RESERVE FORCES FACILITIES I Unilateral Construction Approx	BOARD RECOMMENDATI	ON	17 MAY 95 (Date)
8. STATE RESERVE FORCES FACILITIES I Unilateral Construction Approx	BOARD RECOMMENDATI red	ON	17 MAY 95 (Date)
8. STATE RESERVE FORCES FACILITIES I	BOARD RECOMMENDATI	· · · · · · · · · · · · · · · · · · ·	(Date)
8. STATE RESERVE FORCES FACILITIES I Unilateral Construction Approx 9. LAND ACQUISITION REQUIRED	BOARD RECOMMENDATI red None	· · · · · · · · · · · · · · · · · · ·	
8. STATE RESERVE FORCES FACILITIES I Unilateral Construction Approx 9. LAND ACQUISITION REQUIRED 10. PROJECTS PLANNED IN NEXT FOUR Y	BOARD RECOMMENDATI red None	CN	(Date)
8. STATE RESERVE FORCES FACILITIES I Unilateral Construction Approved 10. PROJECTS PLANNED IN NEXT FOUR YEATEGORY	BOARD RECOMMENDATI ved None	COST	(Date)
8. STATE RESERVE FORCES FACILITIES I Unilateral Construction Approx 9. LAND ACQUISITION REQUIRED 10. PROJECTS PLANNED IN NEXT FOUR Y	BOARD RECOMMENDATI red None	CN	(Date)
8. STATE RESERVE FORCES FACILITIES I Unilateral Construction Approx 9. LAND ACQUISITION REQUIRED 10. PROJECTS PLANNED IN NEXT FOUR YI CATEGORY CODE PROJECT TITLE	BOARD RECOMMENDATI red None EARS SCOPE	COST (\$000)	(Date)
8. STATE RESERVE FORCES FACILITIES IN Unilateral Construction Approx 9. LAND ACQUISITION REQUIRED 10. PROJECTS PLANNED IN NEXT FOUR YEATEGORY CODE PROJECT TITLE 116-661 EXPAND ARM AND DISARM APROX	None SCOPE 8,000 SY	COST (\$000)	(Date)
8. STATE RESERVE FORCES FACILITIES IN Unilateral Construction Approx 9. LAND ACQUISITION REQUIRED 10. PROJECTS PLANNED IN NEXT FOUR YEAR CODE PROJECT TITLE 116-661 EXPAND ARM AND DISARM APROX 141-753 C-130 COMPOSITE SQUADRON	BOARD RECOMMENDATI red None EARS SCOPE	COST (\$000)	(Date)
8. STATE RESERVE FORCES FACILITIES IN Unilateral Construction Approx 9. LAND ACQUISITION REQUIRED 10. PROJECTS PLANNED IN NEXT FOUR YEARTEGORY CODE PROJECT TITLE 116-661 EXPAND ARM AND DISARM APROX 141-753 C-130 COMPOSITE SQUADRON OPERATIONS FACILITY	None SCOPE 8,000 SY 26,200 SF	COST (\$000) 1,000 3,900	(Date)
8. STATE RESERVE FORCES FACILITIES IN Unilateral Construction Approx 9. LAND ACQUISITION REQUIRED 10. PROJECTS PLANNED IN NEXT FOUR YEAR CATEGORY CODE PROJECT TITLE 116-661 EXPAND ARM AND DISARM APROX 141-753 C-130 COMPOSITE SQUADRON OPERATIONS FACILITY 171-873 C-130 AERIAL PORT TRAINING	None SCOPE 8,000 SY 26,200 SF	COST (\$000)	(Date)
8. STATE RESERVE FORCES FACILITIES IN Unilateral Construction Approx 9. LAND ACQUISITION REQUIRED 10. PROJECTS PLANNED IN NEXT FOUR YEAR CATEGORY CODE PROJECT TITLE 116-661 EXPAND ARM AND DISARM APROX 141-753 C-130 COMPOSITE SQUADRON OPERATIONS FACILITY 171-873 C-130 AERIAL PORT TRAINING FACILITY	None SCOPE 8,000 SY 26,200 SF	COST (\$000) 1,000 3,900 2,000	(Date)
8. STATE RESERVE FORCES FACILITIES I Unilateral Construction Approx 9. LAND ACQUISITION REQUIRED 10. PROJECTS PLANNED IN NEXT FOUR YI CATEGORY CODE PROJECT TITLE 116-661 EXPAND ARM AND DISARM APROX 141-753 C-130 COMPOSITE SQUADRON OPERATIONS FACILITY 171-873 C-130 AERIAL PORT TRAINING FACILITY 211-111 C-130 COMPOSITE HANGAR AND	None SCOPE 8,000 SY 26,200 SF	COST (\$000) 1,000 3,900 2,000	(Date)
8. STATE RESERVE FORCES FACILITIES IN Unilateral Construction Approx 9. LAND ACQUISITION REQUIRED 10. PROJECTS PLANNED IN NEXT FOUR YEATEGORY CODE PROJECT TITLE 116-661 EXPAND ARM AND DISARM APROX 141-753 C-130 COMPOSITE SQUADRON OPERATIONS FACILITY 171-873 C-130 AERIAL PORT TRAINING FACILITY 211-111 C-130 COMPOSITE HANGAR AND MAINTENANCE SHOPS	None SCOPE 8,000 SY 26,200 SF 14,200 SF 73,700 SF	COST (\$000) 1,000 3,900 2,000	(Date)
8. STATE RESERVE FORCES FACILITIES IN Unilateral Construction Approx 9. LAND ACQUISITION REQUIRED 10. PROJECTS PLANNED IN NEXT FOUR YEART CATEGORY CODE PROJECT TITLE 116-661 EXPAND ARM AND DISARM APROX 141-753 C-130 COMPOSITE SQUADRON OPERATIONS FACILITY 171-873 C-130 AERIAL PORT TRAINING FACILITY 211-111 C-130 COMPOSITE HANGAR AND MAINTENANCE SHOPS 211-157 C-130 ENGINE AND PROPELLER	None SCOPE 8,000 SY 26,200 SF	COST (\$000) 1,000 3,900 2,000	(Date)
8. STATE RESERVE FORCES FACILITIES IN Unilateral Construction Approx 9. LAND ACQUISITION REQUIRED 10. PROJECTS PLANNED IN NEXT FOUR YEART CODE PROJECT TITLE 116-661 EXPAND ARM AND DISARM APROX 141-753 C-130 COMPOSITE SQUADRON OPERATIONS FACILITY 171-873 C-130 AERIAL PORT TRAINING FACILITY 211-111 C-130 COMPOSITE HANGAR AND MAINTENANCE SHOPS 211-157 C-130 ENGINE AND PROPELLER SHOPS	None SCOPE 8,000 SY 26,200 SF 14,200 SF 73,700 SF 9,000 SF	COST (\$000) 1,000 3,900 2,000 12,000	(Date)
8. STATE RESERVE FORCES FACILITIES I Unilateral Construction Approx 9. LAND ACQUISITION REQUIRED 10. PROJECTS PLANNED IN NEXT FOUR YI CATEGORY CODE PROJECT TITLE 116-661 EXPAND ARM AND DISARM APROI 141-753 C-130 COMPOSITE SQUADRON OPERATIONS FACILITY 171-873 C-130 AERIAL PORT TRAINING FACILITY 211-111 C-130 COMPOSITE HANGAR AND MAINTENANCE SHOPS 211-157 C-130 ENGINE AND PROPELLER SHOPS 211-179 UPGRADE A-10 FUEL CELL AND	None SCOPE 8,000 SY 26,200 SF 14,200 SF 73,700 SF 9,000 SF 30,400 SF	COST (\$000) 1,000 3,900 2,000 12,000	(Date)
8. STATE RESERVE FORCES FACILITIES IN Unilateral Construction Approx 9. LAND ACQUISITION REQUIRED 10. PROJECTS PLANNED IN NEXT FOUR YEATEGORY CODE PROJECT TITLE 116-661 EXPAND ARM AND DISARM APROX 141-753 C-130 COMPOSITE SQUADRON OPERATIONS FACILITY 171-873 C-130 AERIAL PORT TRAINING FACILITY 211-111 C-130 COMPOSITE HANGAR AND MAINTENANCE SHOPS 211-157 C-130 ENGINE AND PROPELLER SHOPS 211-179 UPGRADE A-10 FUEL CELL AND CORROSION CONTROL HANGAR/S	None SCOPE 8,000 SY 26,200 SF 14,200 SF 73,700 SF 9,000 SF 30,400 SF	COST (\$000) 1,000 3,900 2,000 12,000 1,300	(Date)
8. STATE RESERVE FORCES FACILITIES IN Unilateral Construction Approx 9. LAND ACQUISITION REQUIRED 10. PROJECTS PLANNED IN NEXT FOUR YEARTEGORY CODE PROJECT TITLE 116-661 EXPAND ARM AND DISARM APROX 141-753 C-130 COMPOSITE SQUADRON OPERATIONS FACILITY 171-873 C-130 AERIAL PORT TRAINING FACILITY 211-111 C-130 COMPOSITE HANGAR AND MAINTENANCE SHOPS 211-157 C-130 ENGINE AND PROPELLER SHOPS 211-179 UPGRADE A-10 FUEL CELL AND	### SOARD RECOMMENDATION	COST (\$000) 1,000 3,900 2,000 12,000 1,300	(Date)

1. COMPONENT			GUARD AND			2. DA	TE
ANG		MILIT	ARY CONSTR	UCTION			
3. INSTALLATI	ON AND	LOCATION				• • • • • • • • • • • • • • • • • • • •	
BOISE AIR TER			OHAGI (GI				
JOIDD MIN 101		00,121, 112					
11. PERSONNEI	STRENG	TH AS OF	14 AUG 95				
						_	
		PER	MANENT			GUARD/RES	ERVE
	TOTAL		MANENT ENLISTED	CIVILIAN	TOTAL	GUARD/RES OFFICER	ERVE ENLISTED
AUTHORIZED	TOTAL 657	PER OFFICER 73		CIVILIAN 87			

1916年 1916年

12. RESERVE UNIT DATA	e ma	DENOMU
UNIT DESIGNATION	AUTHORIZED	RENGTH ACTUAL
HQ STATE	29	27
124 SVF	30	22
124 SVF 124 OPS GP	5	5
124 OFS GF 124 LOG GP	19	18
124 EUG GF 124 SPT GP	5	4
124 SF1 GF 124 OSF	38	38
124 OSF 124 MSF	36 34	30
124 MSF 124 MNT SQ	259	242
124 MNI SQ 124 FLT GP	239 54	43
	53	50
124 MED SQ		
190 FLT SQ	46	47
124 CES	137	127
124 SPS	57	55
124 LOG SQ	111	103
189 FT FLT	181	144
124 COM FL	47	45
8124 ST FLT	7	24
124 ACFTSQ	146	131
124 LGSPSQ	16	13
TO	TALS 1,274	1,168

13. MAJOR EQUIPMENT AND AIRCRAFT			
TYPE	AUTHORIZED	ASSIGNED	
F-4G	27	27	
C-26 Aircraft	1	1	
A-10	17	0	
C-130	4	0	
Support Equipment	238	227	
Vehicle Equivalents	289	337	

1. COMPONENT	F	7 1997 MILITARY CO	ONSTRUC	TION PRO	OJECT DAT		DATÈ
ANG		(compute	er gene	rated)		<u></u>	
3. INSTALLATI	ON ANI	LOCATION		4. PRO.	JECT TITL	E	
				FUEL S	YSTEMS MA	INTENANCI	EAND
BOISE AIR TER	MINAL	(GOWEN FIELD) ID	AHO	CORROS	ION CONTR	OL FACIL	[TY
5. PROGRAM EL	EMENT	6. CATEGORY CODE	7. PRO	JECT NUI	MBER 8.	PROJECT (COST(\$000
54332F		211-179	BXR	1959688			4.500
		9. COS	r estim	ATES			
						UNIT	COST
		ITEM			OUANTITY	COST	(\$000)
FUEL SYSTEMS/	CORRO	SION CONTROL FACII	LITY	SM	2,350		3,360
FUEL SYSTEM	S MAII	NTENANCE DOCK		SM	1,900		, ,
		NTENANCE SHOP		SM	160	1	
CORROSION C	ONTROI	SHOP		SM	140		
		RIPPING AREA		SM	150	1,340	
SUPPORTING FA	CILIT	TES					700
UTILITIES				LS			(150
PAVEMENTS				LS	}		(200
SITE IMPROV		3		LS			(50
FIRE PROTEC	TION			LS	1		(300
SUBTOTAL							4,060
CONTINGENCY (•						203
TOTAL CONTRAC					1	1	4,263
•		CTION AND OVERHEAD	0 (5%)		1		213
TOTAL REQUEST							4,476
TOTAL REQUEST							4,500

10. Description of Proposed Construction: Concrete floor slab, foundations, footings, structural steel framing, masonry walls and built-up roof. Mechanical ventilation system, drainage with oil/water separator, fire suppression, personnel breathing apparatus and all utilities and support.

Air Conditioning: 10 Tons.

11. REQUIREMENT: 2,350 SM ADEQUATE: 0 SUBSTANDARD: 1,354 SM PROJECT: Fuel Systems Maintenance and Corrosion Control Facility (New Mission).

REQUIREMENT: This project supports the conversion from 30 F-4G to 17 A-10 and 4 C-130 aircraft. The base needs a facility for the repair of the aircraft fuel cells and bladders and space for the performance of corrosion control, washing, and spot painting of parts. Functional areas include fuel cell hangar bay, bladder repair and support shops with approach aprons to the hangar. Work must be performed indoors to keep dust and debris from entering the fuel cell bladders and to meet safety and environmental requirements.

CURRENT SITUATION: The F-4G fuel cell and corrosion control facilities cannot be used by the much larger A-10 and C-130 aircraft. The unit does not have any other facility to house these functions. Weather conditions and environmental regulations require that fuel cell maintenance be performed indoors since the aircraft fuel bladders and cells must remain open. This is in accordance with the Technical Order. Until this project is completed, the work will be done on the ramp or the aircraft flown to another base.

IMPACT IF NOT PROVIDED: Fuel system maintenance and corrosion control will have to be performed on the ramp in an unsafe manner and in violation

	1. COMPONENT	\$ 1 A 1 A 1 A 1 A 1 A 1 A 1 A 1 A 1 A 1	2. DATE
		FY 1997 MILITARY CONSTRUCTION PROJECT DA	TA [
	ANG	(computer generated)	
	3. INSTALLATION	AND LOCATION	
-	DOTCE ATD TERMI	NAI (COLIPN PIPID) IDANO	
		NAL (GOWEN FIELD) IDAHO	1
	4. PROJECT TITL	E	5. PROJECT NUMBER
İ			
	FUEL SYSTEMS MA	INTENANCE AND CORROSION CONTROL FACILITY	BXRH959688
	of Technical Or	ders. Lost training opportunities. Compl	iance with
	environmental r	egulations cannot be met without this faci	lity. Unable to
	reach full oper	ational capability.	
	ADDITIONAL AS		

了""对性,可特別是職種和飲養的性質性的

ADDITIONAL: All known options were considered during the development of this project. No other option could meet the mission requirements; therefore, no economic analysis was needed or performed.

. COMPONE	INS	FY 1997 MILITARY CONSTRUCTION PROJECT DA	2. DATE
NG	i	(computer generated)	
	ATIO	N AND LOCATION	
		INAL (GOWEN FIELD) IDAHO	
. PROJECT	TIT	LE	5. PROJECT NUMBER
TIDT CVCME	Me N	AINTENANCE AND CORROSION CONTROL FACILITY	DANAOEUCOO
OEF 21916	MS F	AINIBNANCE AND CORROSION CONTROL PACILITY	BXRH959688
2. SUPPL	EMEN	TAL DATA:	
a. Esti	mate	d Design Data:	
u. 25t.	· ma o c	a sesion saca.	
(1)	Sta		
		Date Design Started	94 APR 29
		Percent Complete as of Jan 96	100%
		Date 35% Designed	95 MAR 01 95 NOV 01
	(a)	Date Design Complete	AD MON OT
(2)	Bas	is:	
	(a)	Standard or Definitive Design -	NO
	(b)	Where Design Was Most Recently Used -	N/A
(2)	m	ol Cont (o) (o) (b) on (d) ((o)	(\$000)
(3)		al Cost (c) = (a) + (b) or (d) + (e): Production of Plans and Specifications	200
		All Other Design Costs	85
		Total	285
		Contract	285
		In-house	
(4)	Con	struction Start	97 AUG
			ad Smam
. Equipm ther appr		associated with this project will be provid ations: N/A	ea irom
cher appr	. vp. 1	40.20.20 A77.20	
ı		Mr. Joh	n Loehle
		(301) 8	336-8076

ANG MILITARY CONSTRUCTION 3. INSTALLATION AND LOCATION GREATER PEORIA REGIONAL AIRPORT ANG ILLINOIS 5. FREQUENCY AND TYPE OF UTILIZATION Twelve monthly assemblies per year, 15 days annual training per year, is days annual training per year, dealify use by technician/AGR force. 6. OTHER ACTIVE/GUARD/RESERVE INSTALLATIONS WITHIN 15 MILE PADIUS 1. Army National Guard Armory, 1 Naval Reserve, 1 Marine Corps Reserve, 1 Army Reserve Center and 1 Coast Guard Reserve. 7. PROJECTS REQUESTED IN THIS PROGRAM: FY 1997 CATEGORY GODE PROJECT TITLE SCOPE (\$000) START CRPL 211-179 FUEL SYSTEMS MAINTENANCE AND 2,350 SM 4,200 APR 94 HAR 9 CORROSION CONTROL FACILITY 8. STATE RESERVE FORCES FACILITIES BOARD RECOMMENDATION Unilateral Construction Approved 9. LAND ACQUISITION REQUIRED None (Rumber of Acres CATEGORY COST CODE PROJECT TITLE SCOPE (\$000)	1. COMPONENT	FY 1997 GUARD AND	RESERVE		2. DATE	
COST INDEX 1.14 5. FREQUENCY AND TYPE OF UTILIZATION Evelve monthly assemblies per year, 15 days annual training per year, daily use by technician/AGR force. 6. OTHER ACTIVE/GUARD/RESERVE INSTALLATIONS WITHIN 15 MILE RADIUS 11 Army National Guard Armory, 1 Naval Reserve, 1 Marine Corps Reserve, 1 Army Reserve Center and 1 Coast Guard Reserve. 7. PROJECTS REQUESTED IN THIS PROGRAM: FY 1997 CATEGORY CODE PROJECT TITLE SCOPE (\$000) START CMPL 211-179 FUEL SYSTEMS MAINTENANCE AND CORROSION CONTROL FACILITY 2. STATE RESERVE FORCES FACILITIES BOARD RECOMMENDATION Unilateral Construction Approved 1. MAR 95 (Date) 9. LAND ACQUISITION REQUIRED None (Number of Acres CATEGORY COST (Number of Acres			RUCTION		<u> </u>	
5. FREQUENCY AND TYPE OF UTILIZATION Twelve monthly assemblies per year, 15 days annual training per year, daily use by technician/AGR force. 6. OTHER ACTIVE/GUARD/RESERVE INSTALLATIONS WITHIN 15 MILE RADIUS 1 Army National Guard Armory, 1 Naval Reserve, 1 Marine Corps Reserve, 1 Army Reserve Center and 1 Coast Guard Reserve. 7. PROJECTS REQUESTED IN THIS PROGRAM: FY 1997 CATEGORY COST DESIGN STATUS CODE PROJECT TITLE SCOPE (\$000) START CMPL 211-179 FUEL SYSTEMS MAINTENANCE AND 2,350 SM 4,200 APR 94 MAR 9 CORROSION CONTROL FACILITY 8. STATE RESERVE FORCES FACILITIES BOARD RECOMMENDATION Unilateral Construction Approved 15 MAR 95 (Date) 9. LAND ACQUISITION REQUIRED None (Number of Acres) (Number of Acres)					1	
5. FREQUENCY AND TYPE OF UTILIZATION Twelve monthly assemblies per year, 15 days annual training per year, daily use by technician/AGR force. 6. OTHER ACTIVE/GUARD/RESERVE INSTALLATIONS WITHIN 15 MILE RADIUS 1 Army National Guard Armory, 1 Naval Reserve, 1 Marine Corps Reserve, 1 Army Reserve Center and 1 Coast Guard Reserve. 7. PROJECTS REQUESTED IN THIS PROGRAM: FY 1997 CATEGORY CODE PROJECT TITLE SCOPE (\$000) START CMPL 211-179 FUEL SYSTEMS MAINTENANCE AND CORROSION CONTROL FACILITY 2. STATE RESERVE FORCES FACILITIES BOARD RECOMMENDATION Unilateral Construction Approved Unilateral Construction Approved D. LAND ACQUISITION REQUIRED None (Number of Acres	GREATER PEORI	A REGIONAL AIRPORT ANG ILI	LINOIS		B	
Twelve monthly assemblies per year, 15 days annual training per year, daily use by technician/AGR force. 6. OTHER ACTIVE/GUARD/RESERVE INSTALLATIONS WITHIN 15 MILE RADIUS 1 Army National Guard Armory, 1 Naval Reserve, 1 Marine Corps Reserve, 1 Army Reserve Center and 1 Coast Guard Reserve. 7. PROJECTS REQUESTED IN THIS PROGRAM: FY 1997 CATEGORY CODE PROJECT TITLE SCOPE (\$000) START CMPL 211-179 FUEL SYSTEMS MAINTENANCE AND 2,350 SM 4,200 APR 94 MAR 9 CORROSION CONTROL FACILITY 8. STATE RESERVE FORCES FACILITIES BOARD RECOMMENDATION Unilateral Construction Approved 15 MAR 95 (Date) 9. LAND ACQUISITION REQUIRED 10. PROJECTS PLANNED IN NEXT FOUR YEARS CATEGORY COST					1.	14
Army National Guard Armory, 1 Naval Reserve, 1 Marine Corps Reserve, 1 Army Reserve Center and 1 Coast Guard Reserve. 7. PROJECTS REQUESTED IN THIS PROGRAM: FY 1997 CATEGORY CODE PROJECT TITLE SCOPE (\$000) START CMPL 211-179 FUEL SYSTEMS MAINTENANCE AND 2,350 SM 4,200 APR 94 MAR 9 CORROSION CONTROL FACILITY 8. STATE RESERVE FORCES FACILITIES BOARD RECOMMENDATION Unilateral Construction Approved 15 MAR 95 (Date) 9. LAND ACQUISITION REQUIRED None (Number of Acres	[welve month]	y assemblies per year, 15	days annual tr	aining p	er year,	
CODE PROJECT TITLE SCOPE (\$000) START CMPL 211-179 FUEL SYSTEMS MAINTENANCE AND 2,350 SM 4,200 APR 94 MAR 9 CORROSION CONTROL FACILITY 8. STATE RESERVE FORCES FACILITIES BOARD RECOMMENDATION Unilateral Construction Approved 15 MAR 95 (Date) 9. LAND ACQUISITION REQUIRED None (Number of Acres 10. PROJECTS PLANNED IN NEXT FOUR YEARS CATEGORY COST	l Army Nation	al Guard Armory, 1 Naval H	Reserve, 1 Mari			, 1
CODE PROJECT TITLE SCOPE (\$000) START CMPL 211-179 FUEL SYSTEMS MAINTENANCE AND 2,350 SM 4,200 APR 94 MAR 9 CORROSION CONTROL FACILITY 8. STATE RESERVE FORCES FACILITIES BOARD RECOMMENDATION Unilateral Construction Approved 9. LAND ACQUISITION REQUIRED 10. PROJECTS PLANNED IN NEXT FOUR YEARS CATEGORY COST		EQUESTED IN THIS PROGRAM:	FY 1997			
CORROSION CONTROL FACILITY 8. STATE RESERVE FORCES FACILITIES BOARD RECOMMENDATION Unilateral Construction Approved 9. LAND ACQUISITION REQUIRED 10. PROJECTS PLANNED IN NEXT FOUR YEARS CATEGORY COST		PROJECT TITLE	SCOPE			
8. STATE RESERVE FORCES FACILITIES BOARD RECOMMENDATION Unilateral Construction Approved (Date) 9. LAND ACQUISITION REQUIRED None (Number of Acres 10. PROJECTS PLANNED IN NEXT FOUR YEARS CATEGORY COST			2,350 SM	4,200	APR 94	MAR 9
(Number of Acres 10. PROJECTS PLANNED IN NEXT FOUR YEARS CATEGORY COST						
10. PROJECTS PLANNED IN NEXT FOUR YEARS CATEGORY COST				ON		
	Unilate	ral Construction Approved			(Dat	e)
	Unilate 9. LAND ACQUI 10. PROJECTS	eral Construction Approved	None	<u>(19</u>	(Dat	e)
	Unilate D. LAND ACQUI D. PROJECTS CATEGORY	SITION REQUIRED PLANNED IN NEXT FOUR YEARS	None	COST	(Dat	e)
	Unilate O. LAND ACQUI LO. PROJECTS CATEGORY	SITION REQUIRED PLANNED IN NEXT FOUR YEARS	None	COST	(Dat	e)
	Unilate O. LAND ACQUI O. PROJECTS CATEGORY	SITION REQUIRED PLANNED IN NEXT FOUR YEARS	None	COST	(Dat	e)
	Unilate O. LAND ACQUI O. PROJECTS CATEGORY	SITION REQUIRED PLANNED IN NEXT FOUR YEARS	None	COST	(Dat	e)
	Unilate O. LAND ACQUI LO. PROJECTS CATEGORY	SITION REQUIRED PLANNED IN NEXT FOUR YEARS	None	COST	(Dat	e)
	Unilate 9. LAND ACQUI 10. PROJECTS CATEGORY	SITION REQUIRED PLANNED IN NEXT FOUR YEARS	None	COST	(Dat	e)
	Unilate D. LAND ACQUI DO. PROJECTS CATEGORY	SITION REQUIRED PLANNED IN NEXT FOUR YEARS	None	COST	(Dat	e)

11年7月19日1日18日本公司 李明的大学的

1. COMPONENT	FY 1997 GUARD AND RESERVE	2. DATE
ANG	MILITARY CONSTRUCTION	
3. INSTALLATIO	N AND LOCATION	
	REGIONAL AIRPORT ANG ILLINOIS	

11. PERSONNEL STRENGTH AS OF 30 JUN 95

	PERMANENT				GUARD/RES	ERVE	
	TOTAL	OFFICER	ENLISTED	CIVILIAN	TOTAL	OFFICER	ENLISTED
AUTHORIZED	279	11	53	215	1,133	160	973
ACTUAL	263	10	52	201	1,081	125	956

12. RESERVE UNIT DATA

			STREN	GTH
UNIT DE	SIGNATION		AUTHORIZED	ACTUAL
182	AS		95	78
182	CES		134	120
182	ASOC		117	105
182	MXS		138	142
182	CF		42	39
182	MSF		33	33
182	LS		110	101
182	HQ AG		52	51
182	MDS		67	63
182	SPS		57	52
182	SVS FT		30	28
169	ACFP		79	61
182	OG		6	4
182	SG		5	4
182	LG		9	8
182	OSF		19	21
8182	STU FT		0	52
182	LSF		13	15
182	AGS		62	60
182	APF		<u>65</u>	44
		TOTALS	1,133	1,081

TYPE	AUTHORIZED	ASSIGNED
C-26A Aircraft	1	1
C-130 Aircraft	8	8
Support Equipment	.70	65
Vehicle Equivalents	555	773

2. DATE 1. COMPONENT FY 1997 MILITARY CONSTRUCTION PROJECT DATA (computer generated) ANG 3. INSTALLATION AND LOCATION 4. PROJECT TITLE FUEL SYSTEMS MAINTENANCE AND GREATER PEORIA REGIONAL AIRPORT ANG CORROSION CONTROL FACILITY ILLINOIS 5. PROGRAM ELEMENT 6. CATEGORY CODE 7. PROJECT NUMBER 8. PROJECT COST (\$000) JLON939873 \$4,200 54332F 211-179 9. COST ESTIMATES UNIT COST U/M QUANTITY COST (\$000) FUEL SYSTEMS/CORROSION CONTROL FACILITY SM 2,350 3,325 SM 1,900 1,430 (2,717)FUEL SYSTEMS MAINTENANCE HANGAR FUEL SYSTEMS MAINTENANCE SHOP SM 1,350 160 (216) SM 140 1,350 189) CORROSION CONTROL SHOP 203) PLASTIC MEDIA STRIPPING AREA SM 150 1,350 (SUPPORTING FACILITIES 490 LS 100) UTILITIES **PAVEMENTS** LS 200) LS 25) SITE IMPROVEMENTS

LS

10. Description of Proposed Construction: Concrete floor slab, foundations, footings, structural steel framing, masonry walls and built-up roof. Mechanical ventilation system, drainage with oil/water separator, fire suppression, personnel breathing apparatus and all utilities and support.

Air Conditioning: 10 Tons.

SUPERVISION, INSPECTION AND OVERHEAD (5%)

FIRE PROTECTION

TOTAL CONTRACT COST

TOTAL REQUEST (ROUNDED)

CONTINGENCY (5%)

TOTAL REQUEST

SUBTOTAL

REQUIREMENT: 2,350 SM ADEQUATE: 0 SUBSTANDARD: 1.580 SM PROJECT: Fuel Systems Maintenance and Corrosion Control Facility (New Mission).

REQUIREMENT: This project supports the conversion from 18 F-16 fighter aircraft to 8 C-130 cargo aircraft. The base needs a facility for the repair of aircraft fuel cells and bladders, and the performance of corrosion control, washing, and spot painting of parts. Functional areas include a fuel system maintenance dock, bladder repair and support shops, and approach aprons to the hangar. Work must be performed indoors to prevent dust and debris from entering the fuel cell bladders and to meet safety and environmental requirements.

CURRENT SITUATION: The existing fighter-type fuel systems maintenance/corrosion control facility cannot be used by the much larger C-130 aircraft. The two bay facility has a load bearing wall between the bays which cannot be removed and prevents the C-130 from fitting into the fuel system maintenance dock. Also, space limitations preclude an extension to the front since it would not leave enough room for C-130 wing clearance between the maintenance hangar and the fuel system maintenance facility. The unit does not have any other facility to perform fuel system maintenance on C-130 aircraft. Weather conditions and environmental regulations require that fuel cell maintenance and corrosion

<u> 165)</u>

191

200 4,206

3,815

4,006

4,200

1. COMPONENT	FY 1997 MILI	TARY CONSTRU		T DATA	2. DATE
3. INSTALLATION		120mm			
GREATER PEORIA	REGIONAL AIRPO	RT ANG ILLIN	OIS		<u> </u>
4. PROJECT TIT	LE			5. PI	ROJECT NUMBER
FUEL SYSTEMS M	INTENANCE AND	CORROSION CO	NTROL FACILI	TY JI	ON939873
must remain opersystem maintenatraining. IMPACT IF NOT I will have to be of Technical Order environmental reach full operable this project.	formed indoors en for a considerate facility we experience facility we experience on the facility of the facil	erable time. ill be reuse system main the ramp in aining opporunct be met w lity. s were consi on could meet	The existid at minimal tenance and an unsafe matunities. Githout this dered during the mission	ng fighter cost for corresion mer and impliance facility.	control in violation with Unable to
herefore, no	economic analys	is was neede	d or perform	ed.	
.*					

ì	FY 1997 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
ng	(computer generated)	
. INSTALLAT	ON AND LOCATION	
REATER PEORI	A REGIONAL AIRPORT ANG ILLINOIS	
. PROJECT TI	TLE 5	. PROJECT NUMBER
UEL SYSTEMS	MAINTENANCE AND CORROSION CONTROL FACILITY	JL0N939873
2. SUPPLEME	NTAL DATA:	
	ed Design Data:	
(1) St	atua.	
• •	Date Design Started	94 APR 29
(b)	Percent Complete as of Jan 96	70%
	Date 35% Designed Date Design Complete	95 SEP 30 96 MAR 31
(u)	Date Design Complete	90 PAR 31
(2) Ba		
	Standard or Definitive Design Where Design Was Most Recently Used	no n/a
(3) T(tal Cost (c) = $(a) + (b)$ or $(d) + (e)$:	(\$000
	Production of Plans and Specifications	200
	All Other Design Costs	85
(c)	Total Contract	285 285
	In-house	263
(4) Co	nstruction Start	97 AUG
. Equipment	associated with this project will be provided iations: N/A	from
	Tactons: N/A	
cher approp		
ther appropr		
ener appropr		
ener appropr		
ener appropr		,
ener appropr		
ener appropr		,
ener appropr		
ener appropr		·
ther appropr		•
ener appropr		
ener appropr	Mr. Lee A	Andonson

Property of the second of the

1. COMPONENT	FY 1997 GUARD AN		-	2. DATE
ANG B. INSTALLATION	MILITARY CONST	RUCTION		4. AREA CONSTR
	RNATIONAL AIRPORT, INDI	ANA		COST INDEX
Iwo Unit Traini	ID TYPE OF UTILIZATION ng Assemblies per month by technician/AGR forc			
	/GUARD/RESERVE INSTALLA Guard Armory, 1 Army R			
-	UESTED IN THIS PROGRAM:	FY 1997		
CATEGORY CODE	PROJECT TITLE	SCOPE	COST (\$000)	DESIGN STATUS START CMPL
371-183 UPGRAD	E DRAINAGE SYSTEM	LS	480	JAN 94 MAR 96
	E FORCES FACILITIES BOA 1 Construction Approved		ON	24 AUG 95
Unilatera	1 Construction Approved			(Date)
Unilatera	1 Construction Approved	None		
Unilatera	1 Construction Approved	None		(Date)
Unilatera O. LAND ACQUISI O. PROJECTS PL CATEGORY CODE 442-758 BASE S 222-351 DINING	1 Construction Approved TION REQUIRED ANNED IN NEXT FOUR YEAR	None	COST (\$000) 3,750	(Date)
Unilatera O. LAND ACQUISI O. PROJECTS PLEATEGORY CODE 442-758 BASE S 222-351 DINING	1 Construction Approved TION REQUIRED ANNED IN NEXT FOUR YEAR PROJECT TITLE UPPLY COMPLEX HALL AND MEDICAL	None SCOPE 31,000 SF	COST (\$000) 3,750	(Date)
Unilatera O. LAND ACQUISI O. PROJECTS PLEATEGORY CODE 442-758 BASE S 222-351 DINING	1 Construction Approved TION REQUIRED ANNED IN NEXT FOUR YEAR PROJECT TITLE UPPLY COMPLEX HALL AND MEDICAL	None SCOPE 31,000 SF	COST (\$000) 3,750	(Date)
Unilatera O. LAND ACQUISI O. PROJECTS PL CATEGORY CODE 42-758 BASE S 222-351 DINING	1 Construction Approved TION REQUIRED ANNED IN NEXT FOUR YEAR PROJECT TITLE UPPLY COMPLEX HALL AND MEDICAL	None SCOPE 31,000 SF	COST (\$000) 3,750	(Date)

1. COMPONENT ANG			GUARD AND	A 1 A 1 A 1 A 1 A 1 A 1 A 1 A 1 A 1 A 1		2. DA	TE
3. INSTALLATI FORT WAYNE IN			ORT, INDIA	NA			
11. PERSONNEL	STRENG	TH AS OF	18 AUG 95		•		
		PER	MANENT			GUARD/RES	ERVE
AUTHORIZED	TOTAL 360	OFFICER 24	ENLISTED 290	CIVILIAN 46	TOTAL 1,086	OFFICER 106	ENLISTED 980
ACTUAL	352	23	285	44	1,046	104	942

The state of the s

12. RESERVE UNIT DATA		
12. RESERVE UNII DAIA	ema.	PNCTH
		ENGTH
UNIT DESIGNATION	N <u>AUTHORIZED</u>	ACTUAL
122 HQ FW	53	51
122 SPT GP	5	3
122 MSF	34	32
122 SPS	57	65
122 CES	134	115
122 SVF	30	28
122 CF	40	39
122 MED SQ	57	53
122 LG GP	20	19
122 MA SQ	201	194
122 AGS	175	168
122 LSF	32	29
122 LG SQ	111	109
122 OPS GP	3	4
163 FS	38	41
122 OSF	23	23
235 ATCF	68	73
8122 STU FL	, 0 0	0
0122 510 12	TOTALS 1,086	1,046
	TOTALD I,U00	1,040

13. MAJOR EQUIPMENT AND AIRCRAFT			
TYPE	AUTHORIZED	ASSIGNED	
F-16 C/D Aircraft	12	20	
C-26 Aircraft	1	1	
Support Equipment	170	134	
Vehicle Equivalents	333	301	

1. COMPONENT 2. DATE FY 1997 MILITARY CONSTRUCTION PROJECT DATA (computer generated) 3. INSTALLATION AND LOCATION 4. PROJECT TITLE FORT WAYNE INTERNATIONAL AIRPORT INDIANA UPGRADE DRAINAGE SYSTEM 5. PROGRAM ELEMENT 6. CATEGORY CODE 7. PROJECT NUMBER 8. PROJECT COST (\$000) 55256F 871-183 AT0Z949537 \$480 9. COST ESTIMATES IINIT COST U/M QUANTITY ITEM COST (\$000) UPGRADE DRAINAGE SYSTEM T.S 340 SUPPORTING FACILITIES 95 **PAVEMENTS** LS 75) SITE IMPROVEMENTS LS 20) SUBTOTAL 435 CONTINGENCY (5%) 22 TOTAL CONTRACT COST 457 SUPERVISION, INSPECTION AND OVERHEAD (5%) 23 TOTAL REQUEST 480 TOTAL REQUEST (ROUNDED) 480 10. Description of Proposed Construction: Upgrade storm water collection and storm water retention system by resizing storm water inlets and storm water piping system. Reshape and regrade open channel storm water ditches. Tie into existing retention area and install storm water/oil separators. Regrade and reshape roadside swales. Upgrade deteriorated and undersized catchment basins. Repair pavements and sites. 11. REQUIREMENT: As required. PROJECT: Upgrade Drainage System (Current Mission). REQUIREMENT: This is a level II environmental compliance project as mandated by the Clean Water Act and required by 40 CFR 125, Criteria and Standards for National Pollution Discharge Elimination System. An adequately sized, properly configured, and environmentally correct storm water drainage and collection system is required to reduce the sediment and glycol loadings leaving the base. An existing storm water retention pond will provide sufficient time to allow the sediments to settle and reduce the biological oxygen demand (BOD) of the gylcols. CURRENT SITUATION: The majority of the east side of the base has no structured drainage system to handle the rainfall. Surface storm water systems are undersized. Parking lots and roadways provide large impervious areas where oil mixes with storm water. Current deicing operations allow runoff of glycol-contaminated water to flow onto the ground. The undersized system does not allow sufficient settling of sediments or a reduction in the BOD. IMPACT IF NOT PROVIDED: The base will continue to discharge highly turbid and high BOD water to the water stream and adversely impact aquatic life. Continued violations of federal and state regulations could lead to environmental regulators imposing fines and penalties.

. COMPON		2. DATE
NG	FY 1997 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	LA .
	ATION AND LOCATION	
ORT WAYN	E INTERNATIONAL AIRPORT INDIANA	
. PROJEC	TITLE	5. PROJECT NUMBER
PGRADE D	RAINAGE SYSTEM	AT0Z949537
2. SUPP	EMENTAL DATA:	
a. Est	imated Design Data:	
(1)	Status:	
(-)	(a) Date Design Started	94 JAN 05
	(b) Percent Complete as of Jan 96	70%
	(c) Date 35% Designed	95 JUN 01
	(d) Date Design Complete	96 MAR 01
(2)	Basis:	
	(a) Standard or Definitive Design -(b) Where Design Was Most Recently Used -	no n/a
(3)	Total Cost (c) = $(a) + (b)$ or $(d) + (e)$:	(\$000
	(a) Production of Plans and Specifications	25
	(b) All Other Design Costs	17
	(c) Total	42
	(d) Contract(e) In-house	42
(4)	Construction Start	97 JUL
	ment associated with this project will be provide	ed from
tner app	copriations: N/A	
	M. Dan	Schnakenberg

1. COMPONE	TT		GUARD AND				2. DAT	B
ANG 3. INSTALL	TTON AND		RY CONSTRU	GIIUN			A ADD	A CONOM
	The state of the s		MACCA CITICI	error C				A CONST
SARNES MUNI	CIPAL ALI	RPORT ANG,	MASSAURUSE	1112			1	T INDEX
FREGUENO	Y AND TV	PE OF UTILI	ZATION					.34
		Assemblies		15 days	mnı	al field	l traini	ng ner
ear. daily	ruse by	civil servi	ce technic	ian. Acti	ze G	hard/Res	PETTE	ing ber
		erative Ser						TAGE
	_	e fighter p	-		,, ,,	,		
		G					N	
. OTHER AC	TIVE/GUAI	RD/RESERVE	INSTALLATI	ONS WITHII	1 15	MILE RA	DIUS	
		rd Armories						eserve
		e and 1 Mar				,		
,	,							
	REQUESTI	ED IN THIS	PROGRAM:	FY 1997			55656-	0m 4 =====
CATEGORY						COST		STATUS
CODE	PRO	OJECT TITLE	1	SCOPE		<u>(\$000)</u>	<u>START</u>	<u>CMPL</u>
		ATING DISTR	IBUTION		LS	500	OCT 93	JUL 9
S	SYSTEM		,					
. STATE RE	SERVE FOR	RCES FACILI	TIES BOARD	RECOMMENI	ATI	ON		
		RCES FACILI		RECOMMENT	ATI	ON	15 AU	G 95
				RECOMMENI	ATI	ON	15 AU	
Unila	teral Cor	nstruction	Approved	RECOMMENI	ATI		(Da	te)
Unila	teral Cor	REQUIRED	Approved		ATI			te)
Unila LAND ACC D. PROJECT	teral Cor	nstruction	Approved		PATI	<u>(</u> x	(Da	te)
Unila . LAND ACC O. PROJECT CATEGORY	teral Cor QUISITION	REQUIRED O IN NEXT F	Approved OUR YEARS	None	ATI	COST	(Da	te)
Unila . LAND ACC	teral Cor QUISITION	REQUIRED	Approved OUR YEARS		ATI	<u>(</u> x	(Da	te)
Unila O. LAND ACC O. PROJECT CATEGORY CODE	uteral Cor QUISITION CS PLANNEI PRO	REQUIRED O IN NEXT F	Approved OUR YEARS	None SCOPE	:	COST (\$000)	(Da	te)
Unila D. LAND ACC O. PROJECT CATEGORY CODE 042-758 BA	QUISITION CS PLANNED PRO ASE SUPPLY	REQUIRED O IN NEXT F OJECT TITLE Y COMPLEX	Approved OUR YEARS	None SCOPE 30,000	SF	COST (\$000) 4,500	(Da	te)
Unila D. LAND ACC O. PROJECT CATEGORY CODE 042-758 BA	uteral Cor QUISITION CS PLANNEI PRO	REQUIRED O IN NEXT F OJECT TITLE Y COMPLEX	Approved OUR YEARS	None SCOPE	SF	COST (\$000) 4,500 2,650	(Da	te)
Unila O. LAND ACC O. PROJECT CATEGORY CODE 442-758 BA 222-351 DI	QUISITION CS PLANNED PRO ASE SUPPLY INING HALI	REQUIRED O IN NEXT F OJECT TITLE Y COMPLEX	Approved OUR YEARS	None SCOPE 30,000	SF	COST (\$000) 4,500	(Da	te)
Unila LAND ACC O. PROJECT ATEGORY CODE 42-758 BA 22-351 D1 71-183 UE	QUISITION S PLANNED PRO ASE SUPPLY INING HALL PGRADE STO	REQUIRED O IN NEXT FOJECT TITLE Y COMPLEX	Approved OUR YEARS E SYSTEM	None SCOPE 30,000	SF	COST (\$000) 4,500 2,650	(Da	te)

1. COMPONENT ANG			GUARD AND ARY CONSTR			2. DA	TE
3. INSTALLATI BARNES MUNICI			MASSACHUS	ETTS		·	
11. PERSONNEI	STRENG	TH AS OF	31 JUL 96				
		PER	MANENT			GUARD/RES	ERVE
	TOTAL	OFFICER	ENLISTED	CIVILIAN	TOTAL	OFFICER	ENLISTED
AUTHORIZED	297	7	62	228	1,045	110	935
ACTUAL	297	9	62	226	999	104	895

12. RESERV	/E UNIT DAT	' A		STRENGTH			
	UNIT DE	SIGNATION		AUTHORIZED	ACTUAL		
	104	FG HQ		54	51		
	131	FS		41	38		
	104	MNT SQ		224	229		
	104	LOG SQ		116	115		
	104	MED SQ		68	64		
	104	CES		146	139		
	104	SVF		30	32		
	104	SPS		57	54		
	104	CMN FL		42	40		
	104	OPS GP		3	4		
	104	LOG GP		20	20		
	131	WEA FT		13	14		
	104	SPT GP		5	4		
	104	OSF		21	23		
	104	MSSQ		34	30		
	104	AGS		137	116		
	104	LGSPT		34	26		
			TOTALS	1,045	999		

13. MAJOR EQUIPMENT AND AIRCRAFT		
TYPE	AUTHORIZED	<u>ASSIGNED</u>
A-10 Aircraft	17	20
Support Equipment	83	74
Vehicle Equivalents	252	252

1. COMPONENT ANG 3. INSTALLATION AND LOCATION BARNES MUNICIPAL AIRPORT ANG MASSACHUSETTS 5. PROCRAM ELEMENT 6. CATEGORY CODE 7. PROJECT NUMBER 8. PROJECT COST(\$000) 55256F 821-116 AXOD939759 \$500 9. COST ESTIMATES 112 UPGRADE HEATING DISTRIBUTION SYSTEM LS 342 SUPPORTING FACILITIES LS 322 SITE IMPROVEMENTS LS 322 SITE IMPROVEMENTS LS (60) SUBTOTAL CONTRACT COST 453 CONTINGENCY (5%) 223 TOTAL CONTRACT GOST 477 SUPERVISION, INSPECTION AND OVERHEAD (5%) 500 10. Description of Proposed Construction: Remove steam heat distribution system in Hangar 15 lean—to and in-floor radiant heat system. Replace heating system in hangar floors and lean—to with insulated hot water system. Remove asbestos insulation. Replace overhead distribution piping with underground distribution piping. Includes utilities and site work. 11. REQUIREMENT: As required. REQUIREMENT: As required. REQUIREMENT: This is a level II environmental compliance project mandated by Clean Air Act Amendments of 1990 and required by 40 CFR 50, National Primary and Secondary Ambient Air Quality Standards, and 40 CFR 61, National Primary and Secondary Ambient Air Quality Standards, and 40 CFR 61, National Primary and Secondary Ambient Air Quality Standards, and 40 CFR 61, National Primary and Secondary Ambient Air Quality Standards, and 40 CFR 61, National Primary and Secondary Ambient Air Quality Standards, and 40 CFR 61, National Primary and Secondary Ambient Air Quality Standards, and 40 CFR 61, National Primary and Secondary Ambient Air Quality Standards, and 40 CFR 61, National Primary and Secondary Ambient Air Quality Standards, and 40 CFR 61, National Primary and Secondary Ambient Air Quality Standards, and 40 CFR 61, National Primary and Secondary Ambient Air Quality Standards, and 40 CFR 61, National Primary and Secondary Ambient Air Quality Standards, and 40 CFR 61, National Primary and Secondary Ambient Air Quality Standards, and 40 CFR 61, National Primary and Secondary Ambient Air Q
3. INSTALLATION AND LOCATION BARNES MUNICIPAL AIRPORT ANG MASSACHUSETTS 5. PROGRAM ELEMENT 6. CATEGORY CODE 7. PROJECT WUMBER 8. PROJECT COST(\$000) 55256F 821-116 AXOD939759 \$500 9. COST ESTIMATES ITEM U/M OUANTITY COST (\$000) 10. UPGRADE HEATING DISTRIBUTION SYSTEM LS (32) SUPPORTING FACILITIES LS (32) SITE IMPROVEMENTS LS (32) SUBTOTAL CONTRACT COST 454 CONTINGENCY (5%) TOTAL CONTRACT COST 477 SUPERVISION, INSPECTION AND OVERHEAD (5%) TOTAL REQUEST (ROUNDED) 10. Description of Proposed Construction: Remove steam heat distribution system in Hangar 15 lean-to and in-floor radiant heat system. Replace heating system in heangar floors and lean-to with insulated hot water system. Remove asbestos insulation. Replace overhead distribution piping with underground distribution piping. Includes utilities and site work. 11. REQUIREMENT: As required. RROJECT TITLE UPGRADE HEATING DISTRIBUTION SYSTEM 4. PROJECT TITLE UPGRADE HEATING DISTRIBUTION SYSTEM LS (200) 10. UNIT COST (\$000) 11. LS (200) 12. COST ESTIMATES LS (32) 13. (20) 14. CS (32) 15. (20) 16. (20) 17. MEDICATION OF PROJECT COST (\$000) 18. (20) 19. (20) 10. DESCRIPTION OF PROJECT COST (\$000) 11. REQUEST (ROUNDED) 12. CST (\$000) 13. CST (\$000) 14. CST (\$000) 15. CST (\$000) 15. CST (\$000) 15. CST (\$000) 15. CST (\$000) 15. CST (\$000) 15. CST (\$000) 15. CST (\$000) 15. CST (\$000) 16. CST (\$000) 16. CST (\$000) 16. CST (\$000) 16. CST (\$000) 17. CST (\$000) 18. CST (\$000) 19. CST (\$000) 19. CST (\$000) 19. CST (\$000) 19. CST (\$000) 19. CST (\$000) 19. CST (\$000) 19. CST (\$000) 19. CST (\$000) 19. CST (\$000) 19. CST (\$000) 19. CST (\$000) 19. CST (\$000) 19. CST (\$000) 19. CST (\$000) 19. CST (\$000) 19. CST (\$000) 19. CST (\$000) 19. CST (\$000) 1
BARNES MUNICIPAL AIRPORT ANG MASSACHUSETTS 5. PROGRAM ELEMENT 6. CATEGORY CODE 7. PROJECT NUMBER 8. PROJECT COST(\$000) 55256F 821-116 AXOD939759 \$500 9. COST ESTIMATES ITEM U/M QUANTITY COST (\$000) UPGRADE HEATING DISTRIBUTION SYSTEM LS (320) SUPPORTING FACILITIES LS (32) SITE IMPROVEMENTS LS (320) ASSESTOS REMOVAL LS (200 ASSESTOS REMOVAL LS (200 ASSESTOS REMOVAL LS (200 SUBTOTAL CONTRACT COST (500) TOTAL REQUEST (ROUNDED) 10. Description of Proposed Construction: Remove steam heat distribution system in Hangar 15 lean-to and in-floor radiant heat system. Replace heating system in hangar floors and lean-to with insulated hot water system. Remove asbestos insulation. Replace overhead distribution piping with underground distribution piping. Includes utilities and site work. 11. REQUIREMENT: As required. RROJECT: Upgrade Heating Distribution System (Current Mission). REQUIREMENT: This is a level II environmental compliance project mandated by Clean Air Act Amendments of 1990 and required by 40 CFR 50, National Primary and Secondary Ambient Air Quality Standards, and 40 CFR 61, National Emission Standards for Hazardous Air Pollutants. The base requires a properly sized and efficient heating system which
SYSTEM SYSTEM SYSTEM SYSTEM SYSTEM STATEM S
5. PROGRAM ELEMENT 6. CATEGORY CODE 7. PROJECT NUMBER 8. PROJECT COST(\$000) 55256F 821-116 AXOD939759 \$500 9. COST ESTIMATES ITEM U/M QUANTITY COST (\$000) UPGRADE HEATING DISTRIBUTION SYSTEM LS 342 SUPPORTING FACILITIES 1.2 (32) SITE IMPROVEMENTS LS (32) SITE IMPROVEMENTS LS (20) ASBESTOS REMOVAL LS (60) SUBTOTAL CONTRACT COST 347 TOTAL CONTINGENCY (5%) 454 CONTINGENCY (5%) 223 TOTAL CONTRACT COST 347 TOTAL REQUEST (ROUNDED) 500 10. Description of Proposed Construction: Remove steam heat distribution system in Hangar 15 lean-to and in-floor radiant heat system. Replace heating system in hangar floors and lean-to with insulated hot water system. Remove asbestos insulation. Replace overhead distribution piping with underground distribution piping. Includes utilities and site work. 11. REQUIREMENT: As required. PROJECT: Upgrade Heating Distribution System (Current Mission). REQUIREMENT: This is a level II environmental compliance project mandated by Clean Air Act Amendments of 1990 and required by 40 CFR 50, National Primary and Secondary Ambient Air Quality Standards, and 40 CFR 61, National Emission Standards for Hazardous Air Pollutants. The base requires a properly sized and efficient heating system which meetsapplicable clean air requirements.
SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SUPPORTING FACILITIES LS SECOND SUPPORTING FACILITIES LS SECOND SUBTOTAL LS SECOND SUBTOTAL LS SECOND SUBTOTAL LS SECOND SUBTOTAL SECOND SECOND SUBTOTAL SECOND SECOND SUBTOTAL SECOND
ITEM U/M QUANTITY COST (\$000) UPGRADE HEATING DISTRIBUTION SYSTEM LS 342 SUPPORTING FACILITIES 112 UTILITIES LS (32) ASBESTOS REMOVAL LS (60) SUBTOTAL CONTRACT COST 347 SUPERVISION, INSPECTION AND OVERHEAD (5%) TOTAL REQUEST (ROUNDED) 10. Description of Proposed Construction: Remove steam heat distribution system in Hangar 15 lean-to and in-floor radiant heat system. Replace heating system in hangar floors and lean-to with insulated hot water system. Remove asbestos insulation. Replace overhead distribution piping with underground distribution piping. Includes utilities and site work. 11. REQUIREMENT: As required. PROJECT: Upgrade Heating Distribution System (Current Mission). REQUIREMENT: This is a level II environmental compliance project mandated by Clean Air Act Amendments of 1990 and required by 40 CFR 50, National Primary and Secondary Ambient Air Quality Standards, and 40 CFR 61, National Emission Standards for Hazardous Air Pollutants. The base requires a properly sized and efficient heating system which meetsapplicable clean air requirements.
ITEM U/M QUANTITY COST (\$000) UPGRADE HEATING DISTRIBUTION SYSTEM LS 112 UTILITIES LS (32) ASBESTOS REMOVAL LS (60) SUBTOTAL CONTRACT COST (50) TOTAL REQUEST (ROUNDED) 10. Description of Proposed Construction: Remove steam heat distribution system in Hangar 15 lean-to and in-floor radiant heat system. Replace heating system in hangar floors and lean-to with insulated hot water system. Remove asbestos insulation. Replace overhead distribution piping with underground distribution piping. Includes utilities and site work. 11. REQUIREMENT: As required. PROJECT: Upgrade Heating Distribution System (Current Mission). REQUIREMENT: This is a level II environmental compliance project mandated by Clean Air Act Amendments of 1990 and required by 40 CFR 50, National Primary and Secondary Ambient Air Quality Standards, and 40 CFR 61, National Emission Standards for Hazardous Air Pollutants. The base requires a properly sized and efficient heating system which meetsapplicable clean air requirements.
ITEM U/M OUANTITY COST (\$000) UPGRADE HEATING DISTRIBUTION SYSTEM LS 342 SUPPORTING FACILITIES 1.2 UTILITIES 1.3 (32) SITE IMPROVEMENTS 1.5 (20) ASBESTOS REMOVAL 1.5 CONTINGENCY (5%) 454 CONTINGENCY (5%) 2.3 TOTAL CONTRACT COST 347 TOTAL REQUEST (ROUNDED) 500 10. Description of Proposed Construction: Remove steam heat distribution system in Hangar 15 lean-to and in-floor radiant heat system. Replace heating system in hangar floors and lean-to with insulated hot water system. Remove asbestos insulation. Replace overhead distribution piping with underground distribution piping. Includes utilities and site work. 11. REQUIREMENT: As required. PROJECT: Upgrade Heating Distribution System (Current Mission). REQUIREMENT: This is a level II environmental compliance project mandated by Clean Air Act Amendments of 1990 and required by 40 CFR 50, National Primary and Secondary Ambient Air Quality Standards, and 40 CFR 61, National Emission Standards for Hazardous Air Pollutants. The base requires a properly sized and efficient heating system which meetsapplicable clean air requirements.
UPGRADE HEATING DISTRIBUTION SYSTEM SUPPORTING FACILITIES UTILITIES SITE IMPROVEMENTS ASBESTOS REMOVAL SUBTOTAL CONTINCENCY (5%) TOTAL CONTRACT COST SUPERVISION, INSPECTION AND OVERHEAD (5%) TOTAL REQUEST TOTAL REQUEST TOTAL REQUEST (ROUNDED) 10. Description of Proposed Construction: Remove steam heat distribution system in Hangar 15 lean-to and in-floor radiant heat system. Replace heating system in hangar floors and lean-to with insulated hot water system. Remove asbestos insulation. Replace overhead distribution piping with underground distribution piping. Includes utilities and site work. 11. REQUIREMENT: As required. PROJECT: Upgrade Heating Distribution System (Current Mission). REQUIREMENT: This is a level II environmental compliance project mandated by Clean Air Act Amendments of 1990 and required by 40 CFR 50, National Primary and Secondary Ambient Air Quality Standards, and 40 CFR 61, National Emission Standards for Hazardous Air Pollutants. The base requires a properly sized and efficient heating system which meetsapplicable clean air requirements.
UPGRADE HEATING DISTRIBUTION SYSTEM SUPPORTING FACILITIES UTILITIES UTILITIES SITE IMPROVEMENTS LS SITE IMPROVEMENTS LS ASBESTOS REMOVAL LS CONTINGENCY (5%) TOTAL CONTRACT COST SUPERVISION, INSPECTION AND OVERHEAD (5%) TOTAL REQUEST TOTAL REQUEST TOTAL REQUEST (ROUNDED) 10. Description of Proposed Construction: Remove steam heat distribution system in Hangar 15 lean-to and in-floor radiant heat system. Replace heating system in hangar floors and lean-to with insulated hot water system. Remove asbestos insulation. Replace overhead distribution piping with underground distribution piping. Includes utilities and site work. 11. REQUIREMENT: As required. PROJECT: Upgrade Heating Distribution System (Current Mission). REQUIREMENT: This is a level II environmental compliance project mandated by Clean Air Act Amendments of 1990 and required by 40 CFR 50, National Primary and Secondary Ambient Air Quality Standards, and 40 CFR 61, National Emission Standards for Hazardous Air Pollutants. The base requires a properly sized and efficient heating system which meetsapplicable clean air requirements.
SUPPORTING FACILITIES UTILITIES SITE IMPROVEMENTS ASBESTOS REMOVAL SUBTOTAL CONTINGENCY (5%) TOTAL CONTRACT COST SUPERVISION, INSPECTION AND OVERHEAD (5%) TOTAL REQUEST TOTAL REQUEST TOTAL REQUEST (ROUNDED) 10. Description of Proposed Construction: Remove steam heat distribution system in Hangar 15 lean-to and in-floor radiant heat system. Replace heating system in hangar floors and lean-to with insulated hot water system. Remove asbestos insulation. Replace overhead distribution piping with underground distribution piping. Includes utilities and site work. 11. REQUIREMENT: As required. PROJECT: Upgrade Heating Distribution System (Current Mission). REQUIREMENT: This is a level II environmental compliance project mandated by Clean Air Act Amendments of 1990 and required by 40 CFR 50, National Primary and Secondary Ambient Air Quality Standards, and 40 CFR 61, National Emission Standards for Hazardous Air Pollutants. The base requires a properly sized and efficient heating system which meetsapplicable clean air requirements.
SITE IMPROVEMENTS ASBESTOS REMOVAL SUBTOTAL CONTINGENCY (5%) TOTAL CONTRACT COST SUPERVISION, INSPECTION AND OVERHEAD (5%) TOTAL REQUEST TOTAL REQUEST (ROUNDED) 10. Description of Proposed Construction: Remove steam heat distribution system in Hangar 15 lean-to and in-floor radiant heat system. Replace heating system in hangar floors and lean-to with insulated hot water system. Remove asbestos insulation. Replace overhead distribution piping with underground distribution piping. Includes utilities and site work. 11. REQUIREMENT: As required. PROJECT: Upgrade Heating Distribution System (Current Mission). REQUIREMENT: This is a level II environmental compliance project mandated by Clean Air Act Amendments of 1990 and required by 40 CFR 50, National Primary and Secondary Ambient Air Quality Standards, and 40 CFR 61, National Emission Standards for Hazardous Air Pollutants. The base requires a properly sized and efficient heating system which meetsapplicable clean air requirements.
SITE IMPROVEMENTS ASBESTOS REMOVAL SUBTOTAL CONTINGENCY (5%) TOTAL CONTRACT COST SUPERVISION, INSPECTION AND OVERHEAD (5%) TOTAL REQUEST TOTAL REQUEST (ROUNDED) 10. Description of Proposed Construction: Remove steam heat distribution system in Hangar 15 lean-to and in-floor radiant heat system. Replace heating system in hangar floors and lean-to with insulated hot water system. Remove asbestos insulation. Replace overhead distribution piping with underground distribution piping. Includes utilities and site work. 11. REQUIREMENT: As required. PROJECT: Upgrade Heating Distribution System (Current Mission). REQUIREMENT: This is a level II environmental compliance project mandated by Clean Air Act Amendments of 1990 and required by 40 CFR 50, National Primary and Secondary Ambient Air Quality Standards, and 40 CFR 61, National Emission Standards for Hazardous Air Pollutants. The base requires a properly sized and efficient heating system which meetsapplicable clean air requirements.
ASBESTOS REMOVAL SUBTOTAL CONTINGENCY (5%) TOTAL CONTRACT COST SUPERVISION, INSPECTION AND OVERHEAD (5%) TOTAL REQUEST TOTAL REQUEST TOTAL REQUEST (ROUNDED) 10. Description of Proposed Construction: Remove steam heat distribution 500 10. Total Request (Rounded) 10. Description of Proposed Construction: Remove steam heat distribution 500 10. Total Request (Rounded) 10. Description of Proposed Construction: Remove steam heat distribution 500 10. Total Request (Rounded) 10. Description of Proposed Construction: Remove steam heat distribution 500 10. Description of Proposed Construction: Remove steam heat distribution 500 10. Description of Proposed Construction: Remove steam heat distribution 500 10. Description of Proposed Construction: Remove steam heat distribution 500 10. Description of Proposed Construction: Remove steam heat distribution 500 10. Description of Proposed Construction: Remove steam heat distribution 500 10. Description of Proposed Construction: Remove steam heat distribution 500 10. Description of Proposed Construction: Remove steam heat distribution 500 10. Description of Proposed Construction: Remove steam heat distribution 500 10. Description of Proposed Construction: Remove steam heat distribution 500 10. Description of Proposed Construction: Remove steam heat distribution 500 10. Description of Proposed Construction: Remove steam heat distribution 500 10. Description of Proposed Construction: Remove steam heat distribution 500 10. Description of Proposed Construction: Remove steam heat distribution 500 10. Description of Proposed Construction: Remove steam heat distribution 500 10. Description of Proposed Construction: Remove steam heat distribution 500 10. Description of Proposed Construction: Remove steam heat distribution 500 10. Description of Proposed Construction 500 10. Description of Proposed Construction 500 10. Description 500 10
SUBTOTAL CONTINGENCY (5%) TOTAL CONTRACT COST SUPERVISION, INSPECTION AND OVERHEAD (5%) TOTAL REQUEST TOTAL REQUEST (ROUNDED) 10. Description of Proposed Construction: Remove steam heat distribution system in Hangar 15 lean-to and in-floor radiant heat system. Replace heating system in hangar floors and lean-to with insulated hot water system. Remove asbestos insulation. Replace overhead distribution piping with underground distribution piping. Includes utilities and site work. 11. REQUIREMENT: As required. PROJECT: Upgrade Heating Distribution System (Current Mission). REQUIREMENT: This is a level II environmental compliance project mandated by Clean Air Act Amendments of 1990 and required by 40 CFR 50, National Primary and Secondary Ambient Air Quality Standards, and 40 CFR 61, National Emission Standards for Hazardous Air Pollutants. The base requires a properly sized and efficient heating system which meetsapplicable clean air requirements.
CONTINGENCY (5%) TOTAL CONTRACT COST SUPERVISION, INSPECTION AND OVERHEAD (5%) TOTAL REQUEST TOTAL REQUEST (ROUNDED) 10. Description of Proposed Construction: Remove steam heat distribution 500 10. Description of Proposed Construction: Remove steam heat distribution 500 10. Description of Proposed Construction: Remove steam heat distribution 500 10. Description of Proposed Construction: Remove steam heat distribution 500 10. Description of Proposed Construction: Remove steam heat distribution 500 10. Description of Proposed Construction: Remove steam heat distribution 500 10. Description of Proposed Construction: Remove steam heat distribution 500 10. Description of Proposed Construction: Remove steam heat distribution 500 10. Description of Proposed Construction: Remove steam heat distribution 500 10. Description of Proposed Construction: Remove steam heat distribution 500 10. Description of Proposed Construction: Remove steam heat distribution 500 10. Description of Proposed Construction: Remove steam heat distribution 500 10. Description of Proposed Construction: Remove steam heat distribution 500 10. Description of Proposed Construction: Remove steam heat distribution 500 10. Description of Proposed Construction: Remove steam heat distribution 500 10. Description of Proposed Construction: Remove steam heat distribution 500 10. Description of Proposed Construction: Remove steam heat distribution 500 10. Description
SUPERVISION, INSPECTION AND OVERHEAD (5%) TOTAL REQUEST TOTAL REQUEST (ROUNDED) 10. Description of Proposed Construction: Remove steam heat distribution system in Hangar 15 lean-to and in-floor radiant heat system. Replace heating system in hangar floors and lean-to with insulated hot water system. Remove asbestos insulation. Replace overhead distribution piping with underground distribution piping. Includes utilities and site work. 11. REQUIREMENT: As required. PROJECT: Upgrade Heating Distribution System (Current Mission). REQUIREMENT: This is a level II environmental compliance project mandated by Clean Air Act Amendments of 1990 and required by 40 CFR 50, National Primary and Secondary Ambient Air Quality Standards, and 40 CFR 61, National Emission Standards for Hazardous Air Pollutants. The base requires a properly sized and efficient heating system which meetsapplicable clean air requirements.
TOTAL REQUEST (ROUNDED) 10. Description of Proposed Construction: Remove steam heat distribution system in Hangar 15 lean-to and in-floor radiant heat system. Replace heating system in hangar floors and lean-to with insulated hot water system. Remove asbestos insulation. Replace overhead distribution piping with underground distribution piping. Includes utilities and site work. 11. REQUIREMENT: As required. PROJECT: Upgrade Heating Distribution System (Current Mission). REQUIREMENT: This is a level II environmental compliance project mandated by Clean Air Act Amendments of 1990 and required by 40 CFR 50, National Primary and Secondary Ambient Air Quality Standards, and 40 CFR 61, National Emission Standards for Hazardous Air Pollutants. The base requires a properly sized and efficient heating system which meetsapplicable clean air requirements.
10. Description of Proposed Construction: Remove steam heat distribution system in Hangar 15 lean-to and in-floor radiant heat system. Replace heating system in hangar floors and lean-to with insulated hot water system. Remove asbestos insulation. Replace overhead distribution piping with underground distribution piping. Includes utilities and site work. 11. REQUIREMENT: As required. PROJECT: Upgrade Heating Distribution System (Current Mission). REQUIREMENT: This is a level II environmental compliance project mandated by Clean Air Act Amendments of 1990 and required by 40 CFR 50, National Primary and Secondary Ambient Air Quality Standards, and 40 CFR 61, National Emission Standards for Hazardous Air Pollutants. The base requires a properly sized and efficient heating system which meetsapplicable clean air requirements.
10. Description of Proposed Construction: Remove steam heat distribution system in Hangar 15 lean-to and in-floor radiant heat system. Replace heating system in hangar floors and lean-to with insulated hot water system. Remove asbestos insulation. Replace overhead distribution piping with underground distribution piping. Includes utilities and site work. 11. REQUIREMENT: As required. PROJECT: Upgrade Heating Distribution System (Current Mission). REQUIREMENT: This is a level II environmental compliance project mandated by Clean Air Act Amendments of 1990 and required by 40 CFR 50, National Primary and Secondary Ambient Air Quality Standards, and 40 CFR 61, National Emission Standards for Hazardous Air Pollutants. The base requires a properly sized and efficient heating system which meetsapplicable clean air requirements.
system in Hangar 15 lean-to and in-floor radiant heat system. Replace heating system in hangar floors and lean-to with insulated hot water system. Remove asbestos insulation. Replace overhead distribution piping with underground distribution piping. Includes utilities and site work. 11. REQUIREMENT: As required. PROJECT: Upgrade Heating Distribution System (Current Mission). REQUIREMENT: This is a level II environmental compliance project mandated by Clean Air Act Amendments of 1990 and required by 40 CFR 50, National Primary and Secondary Ambient Air Quality Standards, and 40 CFR 61, National Emission Standards for Hazardous Air Pollutants. The base requires a properly sized and efficient heating system which meetsapplicable clean air requirements.
system in Hangar 15 lean-to and in-floor radiant heat system. Replace heating system in hangar floors and lean-to with insulated hot water system. Remove asbestos insulation. Replace overhead distribution piping with underground distribution piping. Includes utilities and site work. 11. REQUIREMENT: As required. PROJECT: Upgrade Heating Distribution System (Current Mission). REQUIREMENT: This is a level II environmental compliance project mandated by Clean Air Act Amendments of 1990 and required by 40 CFR 50, National Primary and Secondary Ambient Air Quality Standards, and 40 CFR 61, National Emission Standards for Hazardous Air Pollutants. The base requires a properly sized and efficient heating system which meetsapplicable clean air requirements.
system in Hangar 15 lean-to and in-floor radiant heat system. Replace heating system in hangar floors and lean-to with insulated hot water system. Remove asbestos insulation. Replace overhead distribution piping with underground distribution piping. Includes utilities and site work. 11. REQUIREMENT: As required. PROJECT: Upgrade Heating Distribution System (Current Mission). REQUIREMENT: This is a level II environmental compliance project mandated by Clean Air Act Amendments of 1990 and required by 40 CFR 50, National Primary and Secondary Ambient Air Quality Standards, and 40 CFR 61, National Emission Standards for Hazardous Air Pollutants. The base requires a properly sized and efficient heating system which meetsapplicable clean air requirements.
system in Hangar 15 lean-to and in-floor radiant heat system. Replace heating system in hangar floors and lean-to with insulated hot water system. Remove asbestos insulation. Replace overhead distribution piping with underground distribution piping. Includes utilities and site work. 11. REQUIREMENT: As required. PROJECT: Upgrade Heating Distribution System (Current Mission). REQUIREMENT: This is a level II environmental compliance project mandated by Clean Air Act Amendments of 1990 and required by 40 CFR 50, National Primary and Secondary Ambient Air Quality Standards, and 40 CFR 61, National Emission Standards for Hazardous Air Pollutants. The base requires a properly sized and efficient heating system which meetsapplicable clean air requirements.
system in Hangar 15 lean-to and in-floor radiant heat system. Replace heating system in hangar floors and lean-to with insulated hot water system. Remove asbestos insulation. Replace overhead distribution piping with underground distribution piping. Includes utilities and site work. 11. REQUIREMENT: As required. PROJECT: Upgrade Heating Distribution System (Current Mission). REQUIREMENT: This is a level II environmental compliance project mandated by Clean Air Act Amendments of 1990 and required by 40 CFR 50, National Primary and Secondary Ambient Air Quality Standards, and 40 CFR 61, National Emission Standards for Hazardous Air Pollutants. The base requires a properly sized and efficient heating system which meetsapplicable clean air requirements.
system in Hangar 15 lean-to and in-floor radiant heat system. Replace heating system in hangar floors and lean-to with insulated hot water system. Remove asbestos insulation. Replace overhead distribution piping with underground distribution piping. Includes utilities and site work. 11. REQUIREMENT: As required. PROJECT: Upgrade Heating Distribution System (Current Mission). REQUIREMENT: This is a level II environmental compliance project mandated by Clean Air Act Amendments of 1990 and required by 40 CFR 50, National Primary and Secondary Ambient Air Quality Standards, and 40 CFR 61, National Emission Standards for Hazardous Air Pollutants. The base requires a properly sized and efficient heating system which meetsapplicable clean air requirements.
system in Hangar 15 lean-to and in-floor radiant heat system. Replace heating system in hangar floors and lean-to with insulated hot water system. Remove asbestos insulation. Replace overhead distribution piping with underground distribution piping. Includes utilities and site work. 11. REQUIREMENT: As required. PROJECT: Upgrade Heating Distribution System (Current Mission). REQUIREMENT: This is a level II environmental compliance project mandated by Clean Air Act Amendments of 1990 and required by 40 CFR 50, National Primary and Secondary Ambient Air Quality Standards, and 40 CFR 61, National Emission Standards for Hazardous Air Pollutants. The base requires a properly sized and efficient heating system which meetsapplicable clean air requirements.
system in Hangar 15 lean-to and in-floor radiant heat system. Replace heating system in hangar floors and lean-to with insulated hot water system. Remove asbestos insulation. Replace overhead distribution piping with underground distribution piping. Includes utilities and site work. 11. REQUIREMENT: As required. PROJECT: Upgrade Heating Distribution System (Current Mission). REQUIREMENT: This is a level II environmental compliance project mandated by Clean Air Act Amendments of 1990 and required by 40 CFR 50, National Primary and Secondary Ambient Air Quality Standards, and 40 CFR 61, National Emission Standards for Hazardous Air Pollutants. The base requires a properly sized and efficient heating system which meetsapplicable clean air requirements.
heating system in hangar floors and lean-to with insulated hot water system. Remove asbestos insulation. Replace overhead distribution piping with underground distribution piping. Includes utilities and site work. 11. REQUIREMENT: As required. PROJECT: Upgrade Heating Distribution System (Current Mission). REQUIREMENT: This is a level II environmental compliance project mandated by Clean Air Act Amendments of 1990 and required by 40 CFR 50, National Primary and Secondary Ambient Air Quality Standards, and 40 CFR 61, National Emission Standards for Hazardous Air Pollutants. The base requires a properly sized and efficient heating system which meetsapplicable clean air requirements.
system. Remove asbestos insulation. Replace overhead distribution piping with underground distribution piping. Includes utilities and site work. 11. REQUIREMENT: As required. PROJECT: Upgrade Heating Distribution System (Current Mission). REQUIREMENT: This is a level II environmental compliance project mandated by Clean Air Act Amendments of 1990 and required by 40 CFR 50, National Primary and Secondary Ambient Air Quality Standards, and 40 CFR 61, National Emission Standards for Hazardous Air Pollutants. The base requires a properly sized and efficient heating system which meetsapplicable clean air requirements.
with underground distribution piping. Includes utilities and site work. 11. REQUIREMENT: As required. PROJECT: Upgrade Heating Distribution System (Current Mission). REQUIREMENT: This is a level II environmental compliance project mandated by Clean Air Act Amendments of 1990 and required by 40 CFR 50, National Primary and Secondary Ambient Air Quality Standards, and 40 CFR 61, National Emission Standards for Hazardous Air Pollutants. The base requires a properly sized and efficient heating system which meetsapplicable clean air requirements.
11. REQUIREMENT: As required. PROJECT: Upgrade Heating Distribution System (Current Mission). REQUIREMENT: This is a level II environmental compliance project mandated by Clean Air Act Amendments of 1990 and required by 40 CFR 50, National Primary and Secondary Ambient Air Quality Standards, and 40 CFR 61, National Emission Standards for Hazardous Air Pollutants. The base requires a properly sized and efficient heating system which meetsapplicable clean air requirements.
PROJECT: Upgrade Heating Distribution System (Current Mission). REQUIREMENT: This is a level II environmental compliance project mandated by Clean Air Act Amendments of 1990 and required by 40 CFR 50, National Primary and Secondary Ambient Air Quality Standards, and 40 CFR 61, National Emission Standards for Hazardous Air Pollutants. The base requires a properly sized and efficient heating system which meetsapplicable clean air requirements.
REQUIREMENT: This is a level II environmental compliance project mandated by Clean Air Act Amendments of 1990 and required by 40 CFR 50, National Primary and Secondary Ambient Air Quality Standards, and 40 CFR 61, National Emission Standards for Hazardous Air Pollutants. The base requires a properly sized and efficient heating system which meetsapplicable clean air requirements.
by Clean Air Act Amendments of 1990 and required by 40 CFR 50, National Primary and Secondary Ambient Air Quality Standards, and 40 CFR 61, National Emission Standards for Hazardous Air Pollutants. The base requires a properly sized and efficient heating system which meetsapplicable clean air requirements.
Primary and Secondary Ambient Air Quality Standards, and 40 CFR 61, National Emission Standards for Hazardous Air Pollutants. The base requires a properly sized and efficient heating system which meetsapplicable clean air requirements.
National Emission Standards for Hazardous Air Pollutants. The base requires a properly sized and efficient heating system which meetsapplicable clean air requirements.
requires a properly sized and efficient heating system which meetsapplicable clean air requirements.
meetsapplicable clean air requirements.
and the heat plant does not meet current air quality emission standards.
Alarge quantity of heat is lost in the distribution system. Partly steam
and partly hot water, the system is inefficient and wastes energy. Pumps,
controls, and monitoring systems are unreliable and parts are no longer
readily available. Steam lines and valves are corroded beyond acceptable
readily available. Steam lines and valves are corroded beyond acceptable tolerances. Sections of piping need frequent replacement because of
readily available. Steam lines and valves are corroded beyond acceptable tolerances. Sections of piping need frequent replacement because of failure from corroded conditions.
readily available. Steam lines and valves are corroded beyond acceptable tolerances. Sections of piping need frequent replacement because of

regulators leading to possible fines and penalties. Higher operating costs would continue and complete failure of the heating system could

occur.

. COMPON	ent			2. DATE
		FY 1997 MILITARY CONSTRUCTION PROJECT D	ATA	
NG	ATTOK	(computer generated) N AND LOCATION		
. INSTAL	LATION	AND LOCATION		
		AL AIRPORT ANG MASSACHUSETTS	15 5	DO TROM WINDER
. PROJEC	r TITI	.E∙	3. P	ROJECT NUMBER
PGRADE H	EATING	DISTRIBUTION SYSTEM	A	XOD939759
2. SUPP	DMDN	CAL DATA:		
z. Surr	Cerien 1	AL DAIA:		
a. Est	imated	l Design Data:		
(1)	Stat	:us:		
		Date Design Started		93 OCT 22
		Percent Complete as of Jan 96		100%
		Date 35% Designed Date Design Complete		94 NOV 10 95 JUL 01
		· -		, , , , , , , , , , , , , , , , , , ,
(2)	Basi	ls: Standard or Definitive Design -	2	NO
		Where Design Was Most Recently Used -	-	n/a
				•
(3)		al Cost (c) = (a) + (b) or (d) + (e): $ \begin{array}{cccccccccccccccccccccccccccccccccc$		(\$000
		Production of Plans and Specifications All Other Design Costs		23 13
		Total		3(
		Contract		30
	(e)	In-house		
(4)	Cons	struction Start		97 JU
. Equip			4.4 6	
ther app		associated with this project will be provi ations: N/A	.aea II	OM
				
				44
				*
				•
				•
		Lt (Col Bob	Lyon

	NENT	FY 1997 GUARD AND	RESERVE		2. DATE	
ANG		MILITARY CONST				
3. INSTAI	LLATION AN	D LOCATION			4. AREA	
ANDREWS A	AIR FORCE	BASE, MARYLAND				INDEX
ב המשמייי	PRICU ARTS OF	YPE OF UTILIZATION			1 1.	03
		emblies per year, 15	dave annual fi	ald trai	nine ner	
		technician/AGR force			wrm9 her	
6 OWNER	A CONTAIN / COT	ADD /DECEDIF THEMATTA	TAME STRUTE 1	MTT D DA	DTHE	•
		ARD/RESERVE INSTALLAT e, l Army Reserve, l				
		e, I army keserve, I National Guard	WCCIAC WIL LO	.ce Dase,	T MEAN	
WEBSTAE (I RIMY	Merrand Andin				
ł						
7 800 777	מפנוספת סקו	MOD IN MUTE ADOGRAM.	EV 1007			
CATEGORY		TED IN THIS PROGRAM:	LI 177/	COST	DESIGN	STATUS
CODE		ROJECT TITLE	SCOPE	(\$000)	START	
 	•	**************************************	# I J & M	XX		
422-256	MUNITIONS	TRAILER MAINTENANCE	233 SM	500	DEC 88	JUL 9:
	FACILITY					
ì						
		ORCES FACILITIES BOAK	RD RECOMMENDAT	ON		
		ORCES FACILITIES BOAK onstruction Approved	RD RECOMMENDAT	ON	13 APR	
Uni	ilateral C	onstruction Approved	·	ON	13 APR	
Uni	ilateral C		RD RECOMMENDAT			e)
9. LAND	ilateral C	onstruction Approved	None		(Dat	e)
9. LAND	ilateral Concept of the content of t	onstruction Approved N REQUIRED ED IN NEXT FOUR YEARS	None	COST	(Dat	e)
9. LAND A	ilateral Concept of the content of t	onstruction Approved	None	<u>(N</u>	(Dat	e)
9. LAND A 10. PROJICATEGORY CODE	ACQUISITION ECTS PLANN	onstruction Approved N REQUIRED ED IN NEXT FOUR YEARS ROJECT TITLE	None SCOPE	COST (\$000)	(Dat	e)
9. LAND A 10. PROJICATEGORY CODE	ACQUISITION ECTS PLANN P. ADD TO AN	onstruction Approved N REQUIRED ED IN NEXT FOUR YEARS ROJECT TITLE D ALTER VEHICLE AND	None	COST	(Dat	e)
9. LAND A 10. PROJECATEGORY CODE 214-425	ACQUISITION ECTS PLANN P. ADD TO AN	onstruction Approved N REQUIRED ED IN NEXT FOUR YEARS ROJECT TITLE D ALTER VEHICLE AND TENANCE SHOPS	None SCOPE 18,800 SF	COST (\$000) 2,100	(Dat	e)
9. LAND A 10. PROJE CATEGORY CODE 214-425 610-281	ACQUISITION ECTS PLANN P ADD TO AN AGE MAIN ANGRC COM	onstruction Approved N REQUIRED ED IN NEXT FOUR YEARS ROJECT TITLE D ALTER VEHICLE AND TENANCE SHOPS POSITE SUPPORT CENTER	None SCOPE 18,800 SF	COST (\$000) 2,100 20,000	(Dat	e)
9. LAND A 10. PROJE CATEGORY CODE 214-425 610-281	ACQUISITION ECTS PLANN P ADD TO AN AGE MAIN ANGRC COM	onstruction Approved N REQUIRED ED IN NEXT FOUR YEARS ROJECT TITLE D ALTER VEHICLE AND TENANCE SHOPS	None SCOPE 18,800 SF	COST (\$000) 2,100	(Dat	e)
9. LAND A 10. PROJE CATEGORY CODE 214-425 610-281	ACQUISITION ECTS PLANN P ADD TO AN AGE MAIN ANGRC COM	onstruction Approved N REQUIRED ED IN NEXT FOUR YEARS ROJECT TITLE D ALTER VEHICLE AND TENANCE SHOPS POSITE SUPPORT CENTER	None SCOPE 18,800 SF	COST (\$000) 2,100 20,000	(Dat	e)

1. COMPONENT			GUARD AND			2. DA	TE
ANG		MILIT	ARY CONSTR	UCTION			
3. INSTALLATI ANDREWS AIR F			AND				
11. PERSONNEI	STRENG	TH AS OF	31 AUG 95				
		PER	MANENT		***************************************	GUARD/RES	ERVE
	TOTAL	OFFICER	ENLISTED	CIVILIAN	TOTAL	<u>OFFICER</u>	ENLISTE
			145	337	1,488	170	1,318
AUTHORIZED	520	38	140	33/	1,700	170	_,

2. RESERVE UNIT DATA	CWD THUMU
UNIT DESIGNATION	STRENGTH ACTUAL
113 FW	56 51
113 OPS GP	3 3
113 FT SQ	39 38
113 OP FT	22 20
113 LOG	20 17
113 MTN SQ	201 183
113 LOG	107 102
113 SPT GP	5 5
113 MSN FT	34 33
113 CES	110 106
113 POLICE	57 53
113 COMM	35 36
113 SVS	40 40
113 MED	53 54
113 ACFT	175 141
113 LOG	32 25
113 HQ DC	44 38
201 ALS	205 195
121 WEA	22 18
231 CCMBT	<u>228</u> <u>188</u>
T	OTALS 1,488 1,346

13. MAJOR EQUIPMENT AND AIRCRAFT		
TYPE	AUTHORIZED	<u>ASSIGNED</u>
F-16 Aircraft	12	15
C-21 Aircraft	4	4
C-22 Aircraft	5	3
Support Equipment	189	183
Vehicle Equivalents	427	451

1. COMPONENT	F	7 1997 MIL	ITARY C			OJECT DAT		DATE
3. INSTALLATI ANDREWS AIR F					4. PRO	JECT TITL ONS TRAIL TY		enance
5. PROGRAM EL				7. PRO.	ECT NU	MBER 8.	PROJECT (COST(\$000)
55296F		422-2	56	AJXI	000836	В		\$500
			9. COS:	ESTIM/	TES			
		ITEM			U/M	OUANTITY	UNIT	COST (\$000)
MUNITIONS TRA EQUIPMENT M MUNITIONS M PAINT SPRAY SUPPORTING FA UTILITIES PAVEMENTS SITE IMPROV SUBTOTAL CONTINGENCY (AINTEI AINTEI BOOTI CILITI EMENTS	VANCE AND VANCE ARE I AREA IES	STORAGE		SM SM SM LS LS LS	233 93 47 93	1,300 1,190 1,300	(56)

10. Description of Proposed Construction: Reinforced concrete slab and foundation, steel framed structure, membrane roof, and asphaltic concrete vehicle parking area. Provide all utilities, pavements and site improvements.

Air Conditioning: 10 Tons.

REQUIREMENT: 233 SM ADEQUATE: 93 SM SUBSTANDARD: 0 PROJECT: Munitions Trailer Maintenance Facility (Current Mission). <u>REQUIREMENT</u>: This is a Level I Commanders Facility Assessment (CFA) requirement. The base requires adequate space for munitions trailer maintenance, munitions trailers and AGE equipment storage. Additional space is required for administration and support space. <u>CURRENT SITUATION:</u> The carts and trailers that carry the F-16 munitions items from the storage igloos to the aircraft parking ramp are stored and maintained outdoors. This is done within the fenced and secure area of the munitions storage compound which is located in a remote part of the base. While there are many other tenants on Andrews AFB, ANG is the only organization that stores and maintains munitions for the fighter aircraft. The work must be done within the fenced and secure area to effectively train the troops. There are no other facilities or space within the secure area. There is inadequate space for storage and corrosion control of support equipment, trailers and tanks. The work outside is controlled by the weather. The outside storage accelerates the deterioration and prevents the full use of the equipment for training purposes during the coldest months. Equipment deterioration and malfunction result in unsafe and dangerous working condition. This is unsafe, wastes money and has potential environmental problems.

IMPACT IF NOT PROVIDED: Maintenance on trailers continues to be done in

1. COMPONENT FY 1997 MILITARY CONSTRUCTION PROJECT DATE	2. DATE
ANG (computer generated)	
3. INSTALLATION AND LOCATION	
ANDREWS AIR FORCE BASE MARYLAND 4. PROJECT TITLE	5. PROJECT NUMBER
MUNITIONS TRAILER MAINTENANCE FACILITY	AJXF000836B
the open. Painting of equipment is done in violation of a environmental air emission regulations. Inefficient opera of training manhours continue. Potential dangerous and un conditions.	ations and loss
	•
	ı
·	

NG	ENT	FY 1997 MILITARY CONSTRUCTION PROJECT DA	ATA 2. DATE
	LATIO	N AND LOCATION	· · · · · · · · · · · · · · · · · · ·
VDDD110 4	7D D0	DAD DAAD MADWAND	
NUREWS A PROJEC		RCE BASE MARYLAND	5. PROJECT NUMBER
, FROJEC	1 111	шь	J. PROJECT NOPEDER
JNITIONS	TRAI	LER MAINTENANCE FACILITY	AJXF000836B
2. SUPP	LEMEN	TAL DATA:	
a. Est	imate	d Design Data:	
(1)	Sta	tus:	
, ,	(a)	Date Design Started	88 DEC 12
		Percent Complete as of Jan 96	100%
		Date 35% Designed	90 JUN 04
	(d)	Date Design Complete	91 JUL 30
(2)	Bas		
		Standard or Definitive Design - Where Design Was Most Recently Used -	NO N/A
(3)	Tot	al Cost (c) = (a) + (b) or (d) + (e):	(\$000)
•		Production of Plans and Specifications	18
	(b)	All Other Design Costs	16
		Total	34
		Contract In-house	34
(4)	Con	struction Start	97 JUL
. Equip		associated with this project will be providations: N/A	led from
			·
			·
			Steve Rosner

1. COMPONENT ANG	FY 1997 GUARD AN MILITARY CONST			2. DATE	
3. INSTALLATION SELFRIDGE ANG E	AND LOCATION	, NOUTION		4. AREA CO COST II	NDEX
Twelve monthly	ID TYPE OF UTILIZATION assemblies per year, 15 by technician/AGR forc			ning per	
	GUARD/RESERVE INSTALLA Centers, 2 Army Nationa				гу
7. PROJECTS REC CATEGORY CODE	UESTED IN THIS PROGRAM:	FY 1997 SCOPE	COST (\$000)	DESIGN STA	
821-116 UPGRAD	E HEATING SYSTEMS	1	LS 3,000	APR 93 FI	EB 9
	TE FORCES FACILITIES BOA		ATION	23 FEB 9	
Unilatera				23 FEB 9 (Date)	
Unilatera	1 Construction Approved	None		(Date)	

				(Numbe	r o	f Acı	es)
10. PROJ	ECTS PLANNED IN NEXT FOUR YEARS						
CATEGORY				COST			
CODE	PROJECT TITLE	SCOPE		<u>(\$000)</u>			
116-672	AIRCRAFT DE ICING APRON		LS	400			
149-962	CONTROL TOWER		LS	2,900			
219-944	BASE CIVIL ENGINEERING	18,100	SF	2,700			
	MAINTENANCE FACILITY						
730-142	FIRE STATION	29,800	SF	5,000			
850-000	STORM WATER TREATMENT		LS	1,500			
	FACILTY			*			
851-000	UPGRADE SANITARY AND DRAINAGE		LS	1,800			
	SYSTEMS			•			

1. COMPONENT			GUARD AND		2	DATE
ANG			ARY CONSTR	UCTION		
3. INSTALLATI						
SELFRIDGE ANG	BASE,	MICHIGAN				
11. PERSONNEL	STRENG	TH AS OF	30 JUN 95			
		PER	MANENT		GUARI	/RESERVE
	TOTAL	OFFICER	ENLISTED	<u>CIVILIAN</u>	TOTAL OFFI	CER ENLISTED
AUTHORIZED	1,071	45	491	535	1,845 2	20 1,625
ACTUAL	979	44	485	450	1,716 1	.89 1,527
12. RESERVE U	NIT DAT	'A				
			_		TRENGTH	-
	UNIT DE	SIGNATION		AUTHORIZE	D ACTUA	LL.
	127	SVF		30		:3
	107	FS		37		5
	127	MS		243	42	
	127	MEDS		72		8
	127	FW		53		5
		COMFLT		35		19
	127	SPS		57		8
		LS		143	10	
		WX LT		19		.0
	191	SVF		30		.7
	171	AS		95	14	
	191	MS		171	22	
	191	AG MED C		114		1
	191	MEDS CES		56	4	
	191	SPS		140 57	13	1
	191	LS		123		2
	191	COMMS		39		
	191	OG TITE		6		5
	191	LG		9		2
	191	SPTG		5	-	3
	191	OSF		19	2	3
	127	0G		3		3
	127	LG		20	1	.6
	10,	20	TOTALS	1,576	1,68	
13. MAJOR EQU	IPMENT	AND AIRCR	AFT	<u> </u>		
T	YPE			AUTHORIZEI	<u>ASSIG</u>	NED
F-16A/B Aircr				12		20
C-26B Aircraf	t			1		1
C-130E				8		8
Support Equip				262		55
Vehicle Equiv	alents			902	8	38

1. COMPONENT										2.	DATE
	F	Y 19	97 MILITARY CO	ONSTRUC	CIOL	PRO	JECT	DATA	١		
ANG			(compute	er gener							
3. INSTALLATI	ON ANI	LO	CATION		4.	PROJ	JECT :	CITLE	3		
SELFRIDGE AIR	NATIO	DNAL	GUARD BASE								
MICHIGAN							HEA:				
5. PROGRAM EL	EMENT	6.	CATEGORY CODE	7. PRO	JEC	וטא ז	IBER	8. E	ROJE	CT (COST(\$000)
										,	
55256F			821-116			903					3,000
			9. COS	r estim	ATES) 	····		UNI:	77	COST
		TT	EM			TT /M	OUAN:	ידייע			(\$000)
UPGRADE HEATI	NC CV					LS	QUAIN.	- 	COS.	.	2,200
SUPPORTING FA			15			טנו					500
UTILITIES	.OIDII.					LS					(280)
PAVEMENTS						LS					(170)
SITE IMPROV	EMENT:	S				LS					(<u>50</u>)
SUBTOTAL											2,700
CONTINGENCY ((5%)										<u>135</u>
TOTAL CONTRAC	T COS	Γ									2,835
SUPERVISION,	INSPE	CTIO	N AND OVERHEAD	D (5%)	1						142
TOTAL REQUEST											2,977
TOTAL REQUEST	(ROU	NDED))			Į					3,000
						1					1

10. Description of Proposed Construction: The shutdown of the steam distribution system serving twelve buildings on the west side of the base requires the installation of packaged heating systems. These will be grouped to most efficiently serve the affected buildings. Provide all utilities, pavements, site improvements, and support.

11. REQUIREMENT: As required.

PROJECT: Upgrade Heating Systems (Current Mission).

REQUIREMENT: This is a level I environmental compliance project mandated by Clean Air Act Amendments of 1990 and required by 40 CFR 50, National Primary and Secondary Ambient Air Quality Standards and 40 CFR 61, NationalEmissions Standards for Hazardous Air Pollutants. inspectors have determined that the stack emissions exceeded the regulatory level of 20% opacity. The base requires adequate heating systems which are economical to maintain, operate and do not pollute the air and ground water. Buildings 1403, 1407, 1409, 1410, 1414, 1424, 1425, 1426, 1427, 1428, 1429, and 1430 require packaged heating units. CURRENT SITUATION: In a non-attainment area for ozone, the base has a coal-fired central heating plant which is antiquated and does not meet current air quality emission standards. The central plant serves twelve buildings through a system of approximately six miles of underground and above ground high temperature hot water lines. It has old boilers which are not economical to operate. The heating plant also has numerous health and safety violations. Lines serving the buildings are old, poorly insulated, and leak, resulting in a substantial loss of energy. The pipes also have asbestos insulation. The electrical connections are old and corroded. The coal storage piles have contaminated the groundwater. The plant must also be must be operated thoughout the year to allow the

1. COMPONENT	FY 1997 MILITARY CONSTRUCT	2. DATE
	ON AND LOCATION R NATIONAL GUARD BASE MICHIGAN	•
4. PROJECT T	TLE	ROJECT NUMBER
UPGRADE HEAT	NG SYSTEMS	 GLZ92990

production of hot water for the various buildings. It is not economical to upgrade the heating plant to meet air quality emission standards. This project will construct energy efficient and smaller gas-fired heating units that will be more economical to operate and maintain. The grouping was determined by an extensive study and economic analysis. Upon completion of this project the following will occur: remove coal pile and restore contaminated area; remove 1,000 LF of railroad track; demolish Buildings 1418 (2,600 SF) and 1005 (3,959 SF); and remove all of the remaining supporting appurtenances.

IMPACT IF NOT PROVIDED: Unable to comply with the federal and state air emission standards. Environmental regulators could issue notices of violation and fines for air and groundwater pollution. Large energy losses and inadequate heating for twelve buildings. Health and safety hazards and higher operating costs would continue to occur. Regulatory or operational constraints could shut down the system leading to partial shut down of the base.

ADDITIONAL: An economic analysis has been prepared comparing the alternatives of new construction, revitalization, leasing, and status quo operation. Based on life-cycle costs in net present value and the benefits of the respective alternatives, grouping of the boilers into packaged units was found to be the most cost effective for this project. This project is the final of a 3-phase program for the total conversion of the two central heating plants to individual/grouped gas fired systems.

1. COMPONE	FY 1997 MILITARY CONSTRUCTION PROJECT DA	2. DATE
ANG	(computer generated)	
3. INSTALL	ATION AND LOCATION	
SELFRIDGE	AIR NATIONAL GUARD BASE MICHIGAN	
4. PROJECT		5. PROJECT NUMBER
UDODADE UE	AMING CYAMPMA	WGI 500000
UPGRADE HE	ATING SYSTEMS	VGLZ929903
12. SUPPL	EMENTAL DATA:	
a. Esti	mated Design Data:	
(1)	Status:	
	(a) Date Design Started	93 APR 14
	(b) Percent Complete as of Jan 96	95%
	(c) Date 35% Designed (d) Date Design Complete	95 MAR 31 96 FEB 05
	(d) Date Design Complete	90 FED US
(2)	Basis:	
	(a) Standard or Definitive Design -	NO
	(b) Where Design Was Most Recently Used -	N/A
(3)	Total Cost (c) = (a) + (b) or (d) + (e):	(\$000
(-)	(a) Production of Plans and Specifications	175
	(b) All Other Design Costs	72
	(c) Total	247
	(d) Contract (e) In-house	247
	(e) In-nouse	
(4)	Construction Start	97 JUL
	· · · · · ·	
	ent associated with this project will be provid	led from
ther appr	opriations: N/A	
	Mr. Jo	hn Loehle
	111 - 00	836-8076

1 (0)(0)(0)(0)(0)	97 GUARD AND R	BCBDIE		lo 5400	
	2. DATE				
3. INSTALLATION AND LOCATIONAL ATLANTIC CITY INTERNATIONAL					CONSTR INDEX 20
5. FREQUENCY AND TYPE OF UT	ILIZATION			 	
Four Unit Training Assembli year, daily use by technici	es per month,			trainin	g per
6. OTHER ACTIVE/GUARD/RESER 2 Army National Guard Armor				DIUS	
7. PROJECTS REQUESTED IN TH	IS PROGRAM: F	Y 1997			
CATEGORY CODE PROJECT TI		SCOPE	COST (\$000)	DESIGN START	
171-450 ADD TO AND ALTER M TRAINING FACILITY		530 S	M 380	APR 94	APR 96
3. STATE RESERVE FORCES FAC Unilateral Construction		RECOMMENDA	TION	15 NOV	
. LAND ACQUISITION REQUIRE	D No	one			
LO. PROJECTS PLANNED IN NEX	T FAID VEADS		(N	umber of	Acres)
CATEGORY	I TUUR ILAKS		COST		
CODE PROJECT TI	TLE	SCOPE	(\$000)		
131-111 COMMUNICATIONS AND POLICE FACILITY	SECURITY	14,800 S	F 2,650		
422-264 STORAGE IGLOOS	-	6,400 S	F 1,100		
		• .			

1. COMPONENT	FY 1997 GUARD AND RESERVE 2. DATE						
ANG		MILIT	ARY CONSTR	RUCTION			
3. INSTALLATI	ON AND	LOCATION					
ATLANTIC CITY	INTERN	ATIONAL A	IRPORT, NE	EW JERSEY			
11. PERSONNEI	STRENG	TH AS OF	1 SEP 95				
		<u>-</u>					
		PER	MANENT			GUARD/RES	ERVE
	TOTAL	PER OFFICER	MANENT ENLISTED	CIVILIAN	TOTAL	GUARD/RES OFFICER	
AUTHORIZED				CIVILIAN 292	TOTAL 1,042		SERVE ENLISTED 952

12	RESERVE	IINITT	ከለጥለ

ONII DAI	A		STRENGTH				
UNIT DE	<u>SIGNATION</u>		AUTHORIZED	ACTUAL			
177	FG		58	51			
119	FS		34	32			
177	MSQ		192	144			
177	LSQ		112	103			
177	COM		47	43			
177	MSS FT		35	33			
177	CES		140	135			
177	SPS		85	87			
177	MED SQ		56	53			
177	SVF		30	27			
177	OPS GP		3	1			
177	LGS GP		20	20			
177	SPT GP		5	5			
177	OPS FT		21	21			
177	LGS FT		32	30			
177	AGS		151	143			
177	FG DET		<u>21</u>	2			
		TOTALS	1,042	930			

TYPE	AUTHORIZED	<u>ASSIGNED</u>
F-16 Aircraft	15	18
Support Equipment	115	103
Vehicle Equivalents	267	293

1. COMPONENT ANG	FY 1997 GUARD ANI MILITARY CONSTR			2. DAT	B
3. INSTALLATIO		OVIION		A ARE	A CONSTI
	ORCE BASE, NEW MEXICO			1	r index
KIKILAND AIK P	ORCE DASE, NEW MEATOO			1	.02
5 POPOLIPHOV A	ND TYPE OF UTILIZATION	<u> </u>		<u> </u>	. UZ
	ning assemblies per month	15 dawa ann	ual fiald	traini	
	e by technician/AGR force			. craini	ng her
year, daily us	e by technician/AGR force	and for trai	ning.		
			•		
	E/GUARD/RESERVE INSTALLAT				
-	l Guard Armories, 2 Army	Reserve Facil	ities, l	Naval/Ma	arine
Reserve Facili	t y				
7. PROJECTS RE	QUESTED IN THIS PROGRAM:	FY 1997			
CATEGORY	• • • • • • • • • • • • • • • • • • • •		COST	DESIGN	STATUS
CODE	PROJECT TITLE	SCOPE	(\$000)	START	
OODD	I KOODOI IIIDD	DOULD	140007	ATUNT	OLL D
216_642 MINTT	IONS MAINTENANCE	1,678 SM	3 000	.TTTT. Q1	NOV 95
	STORAGE COMPLEX	1,070 511	3,000	001 71	110 7 7
AND	STORAGE CONFLEX				
		•	•		
	•				
		1			•
					·
8. STATE RESER	VE FORCES FACILITIES BOAR	RD RECOMMENDAT	ION		
Unilater	al Construction Approved			23 AU	3 95
				(Dat	te)
9. LAND ACQUIS	ITION REQUIRED	None			
·	•		(N	umber o	f Acres
10. PROJECTS P	LANNED IN NEXT FOUR YEARS	3			
CATEGORY		-	COST		
CODE	PROJECT TITLE	SCOPE	(\$000)		
<u> 2005</u>	TWOODOT TITE	DOOLE	7.5000)		
101 111 (0)400	TIME CURRANT EACH INT	14 500 00	2 000		
151-111 COMPO	SITE SUPPORT FACILITY	14,500 SF	3,000		
	AND ATTED COTTADDON	22 200 50	2 000		

22,300 SF

41,000 SF

2,800

2,400

141-753 ADD TO AND ALTER SQUADRON

SUPPLY WAREHOUSE

442-758 ADD TO AND ALTER BASE

OPERATIONS FACILITY

Ī	1. COMPONENT	FY 1997 GUARD AND RESERVE	2. DATE
1	ANG	MILITARY CONSTRUCTION	

3. INSTALLATION AND LOCATION KIRTLAND AIR FORCE BASE, NEW MEXICO

11. PERSONNEL STRENGTH AS OF 15 AUG 95

i	PERMANENT			GUARD/RESERVE			
	TOTAL	OFFICER	ENLISTED	CIVILIAN	TOTAL	OFFICER	ENLISTED
AUTHORIZED	364	36	324	4	1,038	121	917
ACTUAL	364	36	324	4	1,043	121	922

12. RESERVE UNIT DATA

UNIT DESIGNATION			STRENGTH		
			<u>AUTHORIZED</u>	ACTUAL	
HQ	NM ANG		28	24	
150	FG		53	52	
150	MED SQ		53	49	
150	MSN SQ		34	33	
150	MNT SQ		220	230	
150	ACFTSQ		189	201	
150	LGSPFT		32	22	
150	CES		110	104	
150	SVSFLT		30	32	
150	SP SQ		57	58	
150	LG SQ		111	104	
150	COM FT		39	39	
150	SPT GP		5	5	
188	FTR SQ		38	45	
8150	STUFLT		5	19	
150	OPS GP		3	3	
150	OPS FT		<u>31</u>	23	
		TOTALS	1,038	1,043	

TYPE	AUTHORIZED	<u>ASSIGNED</u>	
F-16 Aircraft (LANTRIN, Block 40) F-16 Aircraft (DSE, Block 30) C-26 Aircraft Support Equipment	12 8 1 171	19 11 1 150	
Vehicle Equivalents	179	86	

1. COMPONENT						DATE
	Y 1997 MILITARY CO			OJECT DA	ra	
ANG	(compute	er gene	•			
3. INSTALLATION AN	D LOCATION			JECT TIT		
				ONS MAIN		
KIRTLAND AIR FORCE		1		ORAGE CO		
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PRO	BCT NU	MBER 8.	PROJECT	COST(\$000)
52620F	216-642	MEDM	7899521		,	\$3.000
720201		r estim				93,000
				1	UNIT	COST
	ITEM		U/M	OUANTIT	COST	(\$000)
MUNITIONS MAINTENA	NCE AND STORAGE		SM	1,678		1,743
SUPPORT AND TRAIL	LER MAINTENANCE		SM	700	1,350	(945)
MUNITIONS MAINTE	NANCE		SM	428	1,350	(578)
ALTER MUNITIONS			SM	550	400	(220)
SUPPORTING FACILITY						980
UTILITIES/SEWER			LS			(430)
PAVEMENTS, ROADS			LS	ŀ		(400)
SITE IMPROVEMENTS			LS	İ		(75)
PREWIRED WORK STA			LS	1		(25)
LOADING/UNLOADING	G DOCK		LS		1	(50)
SUBTOTAL						2,723
CONTINGENCY (5%)	_		ŀ			<u>136</u>
TOTAL CONTRACT COS	=					2,859
SUPERVISION, INSPEC	CTION AND OVERHEAD) (5%)	1			143
TOTAL REQUEST	unen)					3,002
TOTAL REQUEST (ROUI	(עשעא					3,000
					1	1

10. Description of Proposed Construction: Reinforced concrete foundation and floor slab, masonry/reinforced concrete walls and a frangible built-up roof for the maintenance/administration area. Metal building/concrete floor for covered storage/missile training area. Alter existing storage. Overlay road, provide new pavements and utilities. Extend sewer lateral into the munitions complex.

Air Conditioning: 25 Tons.

11. REQUIREMENT: 1,678 SM ADEQUATE: 0 SUBSTANDARD: 1,255 SM PROJECT: Munitions Maintenance and Storage Complex (New Mission). REQUIREMENT: This project supports the conversion from A-7 to F-16 aircraft in October 1992. Adequate training and operational facilities are necessary to support the storage, inspection, maintenance, and repair of aircraft missiles and missile trailers. Functional areas required are missile maintenance bays, trailer maintenance bay, parts storage, administration area, rest rooms, and missile, 20-mm munitions and ALS/ULS processing areas.

CURRENT SITUATION: The ANG munitions maintenance is in a shared Air Force facility and is conducted in an unsafe and undersized area that is 25% of the minimum required space. The area is also too close to a new taxiway that the airport authority is building for commercial operation. The distance to the new taxiway limits the type of explosives that can be stored, maintained and used for training. During training weekends, only one training class at a time can be conducted due to the limited space available. Trailer maintenance is performed outside exposed to the elements which can be extreme heat/cold with high winds and blown sand. No missile maintenance facility exists. Maintenance and training requirements have increased with the F-16 creating the need for more

1. COMPONENT		2. DATE
	FY 1997 MILITARY CONSTRUCTION PROJECT DA	.TA
ANG	(computer generated)	
3. INSTALLATI	ON AND LOCATION	·
KIRTLAND AIR	FORCE BASE NEW MEXICO	
4. PROJECT TI		5. PROJECT NUMBER
MUNITIONS MAI	NTENANCE AND STORAGE COMPLEX	MHMV899521

space. Air Force shared maintenance space is a temporary workaround. The ANG is only scheduled space when Air Force is not using it. Some alterations to the existing facilities that will make up this complex are required. The munition area is located at a remote part of the base and some infrastructure work is mandatory. An existing access road to the proposed site is in need of an overlay as smooth pavements are required for the movement of munitions. Environmental restrictions require that sewage from the area be transmitted to a treatment plant through a sewer lateral. Since none exist in the area, one must be constructed from the proposed building site to an existing sanitary system.

IMPACT IF NOT PROVIDED: The unit is unable to properly and safely maintain the munitions for the new aircraft. There is no space to accommodate the new missile test equipment, maintain/store trailers and

the mission.

ADDITIONAL: Upon completion of this project, Buildings 749 @ 123 SF; 754 @ 5,474 SF; 755 @ 5,474 SF, and 756 @ 822 SF will be returned to the Air Force for disposition. Three trailers used to supplement the above space will be disposed upon completion of this project. All known options were considered during the development of this project. No other option could meet the mission requirements; therefore, no economic analysis was needed or performed.

provide necessary munitions training. The unit is not able to accomplish

. COMPON NG	FY 1997 MILITARY CONSTRUCTION P	· · · · · · · · · · · · · · · · · · ·
	(computer generated)	
	AIR FORCE BASE NEW MEXICO	To and the same
. PROJEC	TITLE	5. PROJECT NUMBER
UNITIONS	MAINTENANCE AND STORAGE COMPLEX	MHMV899521
2. SUPP	LEMENTAL DATA:	
a. Est	imated Design Data:	
a. Doc	macca peoign paca.	
(1)	Status:	
	(a) Date Design Started	91 JUL 26
	(b) Percent Complete as of Jan 96	100%
	(c) Date 35% Designed	94 FEB 22
	(d) Date Design Complete	95 NOV 01
(2)	Basis:	
\- /	(a) Standard or Definitive Design -	NO
	(b) Where Design Was Most Recently Us	ed - N/A
(2)	Total Cost (c) = $(a) + (b)$ or $(d) + (d)$	e): (\$000
(3)	(a) Production of Plans and Specifica	•
	(b) All Other Design Costs	68
	(c) Total	209
	(d) Contract	209
	(e) In-house	
(4)	Construction Start	97 JUN
(',		<i>y.</i> 331
. Equip	ment associated with this project will	be provided from
	copriations: N/A	-
	•	
		Mr. Ron Schnakenberg

1. COMPONE	יז ו דע	Y 1997 GUARD ANI	RESERVE		2. DATE	
ANG		MILITARY CONST			Z. DAIL	
	ATION AND LOC				4. AREA	CONST
RENO CANNO	N INTERNATION.	AL AIRPORT, NEVA	ADA			INDEX
			· · · · · · · · · · · · · · · · · · ·		1.	20
		F UTILIZATION			.	
		es per year, 15 nician/AGR force			ning per	
		ESERVE INSTALLAT				
		nits, 1 Army Res	serve Unit, 1	Naval Res	erve Uni	t and
I Marine C	orps Reserve	Unit				
	S REQUESTED I	N THIS PROGRAM:	FY 1997			
CATEGORY				COST	DESIGN	
CODE	PROJEC	r TITLE	SCOPE	(\$000)	<u>START</u>	<u>CMPL</u>
		AINTENANCE AND	2,410 SM	4,600	SEP 95	SEP 96
•	CORROSION CON	TROL HANGAR				
O GMAMP D						
		FACILITIES BOAR	RD RECOMMENDAT	ION	10 84	
		FACILITIES BOAR	RD RECOMMENDAT	ION	18 MAY	
Unil	ateral Constr	uction Approved		ION	18 MAY (Dat	
Unil	ateral Constr	UIRED	None			e)
Unil: 9. LAND ACC	ateral Constr	uction Approved	None	(N	(Dat	e)
9. LAND ACC	ateral Construction REQUISITION REQUISITION REQUISITION REQUIRES PLANNED IN	UIRED NEXT FOUR YEARS	None	COST	(Dat	e)
Unil: 9. LAND ACC	ateral Construction REQUISITION REQUISITION REQUISITION REQUIRES PLANNED IN	UIRED	None	(N	(Dat	e)
9. LAND ACC 10. PROJECT CATEGORY CODE	ateral Construction REQUISITION REQUISITION REQUISES PLANNED IN PROJECT	uction Approved UIRED NEXT FOUR YEARS T TITLE	None S SCOPE	COST (\$000)	(Dat	e)
Unil: 9. LAND ACC 10. PROJECT CATEGORY CODE 113-321 A	QUISITION REQUISITION REQUISITION REQUISITION REQUISITION REQUISITION REQUISITION REQUISITION REQUISITION REQUISITION REPORTS AND TO AIRCRAFT	uction Approved UIRED NEXT FOUR YEARS T TITLE T PARKING APRON	None SCOPE 9,800 SY	COST (\$000)	(Dat	e)
Unil: 9. LAND ACC 10. PROJECT CATEGORY CODE 113-321 AI 171-873 AI	QUISITION REQUESTION REQUESTION REQUESTION REQUESTION REQUESTION REQUESTION REQUESTION REPORT TO ALRCRAFTE RELIAL PORT TRANSPORT UIRED NEXT FOUR YEARS T TITLE T PARKING APRON AINING FACILITY	None SCOPE 9,800 SY 14,200 SF	COST (\$000) 1,400 2,000	(Dat	e)	
Unil: 9. LAND ACC 10. PROJECT CATEGORY CODE 113-321 AI 171-873 AI	QUISITION REQUESTION REQUESTION REQUESTION REQUESTION REQUESTION REQUESTION REQUESTION REPORT TO ALRCRAFTE RELIAL PORT TRANSPORT uction Approved UIRED NEXT FOUR YEARS T TITLE T PARKING APRON	None SCOPE 9,800 SY	COST (\$000) 1,400 2,000	(Dat	e)	
Unil: 9. LAND ACC 10. PROJECT CATEGORY CODE 113-321 AI 171-873 AI	QUISITION REQUESTION REQUESTION REQUESTION REQUESTION REQUESTION REQUESTION REQUESTION REPORT TO ALRCRAFTE RELIAL PORT TRANSPORT UIRED NEXT FOUR YEARS T TITLE T PARKING APRON AINING FACILITY	None SCOPE 9,800 SY 14,200 SF	COST (\$000) 1,400 2,000	(Dat	e)	
Unil: 9. LAND ACC 10. PROJECT CATEGORY CODE 113-321 AI 171-873 AI	QUISITION REQUESTION REQUESTION REQUESTION REQUESTION REQUESTION REQUESTION REQUESTION REPORT TO ALRCRAFTE RELIAL PORT TRANSPORT UIRED NEXT FOUR YEARS T TITLE T PARKING APRON AINING FACILITY	None SCOPE 9,800 SY 14,200 SF	COST (\$000) 1,400 2,000	(Dat	e)	
Unil: 9. LAND ACC 10. PROJECT CATEGORY CODE 113-321 AI 171-873 AI	QUISITION REQUESTION REQUESTION REQUESTION REQUESTION REQUESTION REQUESTION REQUESTION REPORT TO ALRCRAFTE RELIAL PORT TRANSPORT UIRED NEXT FOUR YEARS T TITLE T PARKING APRON AINING FACILITY	None SCOPE 9,800 SY 14,200 SF	COST (\$000) 1,400 2,000	(Dat	e)	
Unil: 9. LAND ACC 10. PROJECT CATEGORY CODE 113-321 AI 171-873 AI	QUISITION REQUESTION REQUESTION REQUESTION REQUESTION REQUESTION REQUESTION REQUESTION REPORT TO ALRCRAFTE RELIAL PORT TRANSPORT UIRED NEXT FOUR YEARS T TITLE T PARKING APRON AINING FACILITY	None SCOPE 9,800 SY 14,200 SF	COST (\$000) 1,400 2,000	(Dat	e)	
Unil: 9. LAND ACC 10. PROJECT CATEGORY CODE 113-321 AI 171-873 AI	QUISITION REQUESTION REQUESTION REQUESTION REQUESTION REQUESTION REQUESTION REQUESTION REPORT TO ALRCRAFTE RELIAL PORT TRANSPORT UIRED NEXT FOUR YEARS T TITLE T PARKING APRON AINING FACILITY	None SCOPE 9,800 SY 14,200 SF	COST (\$000) 1,400 2,000	(Dat	e)	
Unila D. LAND ACC LO. PROJECT CATEGORY CODE L13-321 AL L71-873 AL	QUISITION REQUESTION REQUESTION REQUESTION REQUESTION REQUESTION REQUESTION REQUESTION REPORT TO ALRCRAFTE RELIAL PORT TRANSPORT UIRED NEXT FOUR YEARS T TITLE T PARKING APRON AINING FACILITY	None SCOPE 9,800 SY 14,200 SF	COST (\$000) 1,400 2,000	(Dat	e)	

1. COMPONENT			GUARD AND ARY CONSTR			2. DA	TE
3. INSTALLATI RENO CANNON I			PORT, NEVA	DA		•	
11. PERSONNEL	STRENG	TH AS OF	15 MAR 95				
		PER	MANENT			GUARD/RES	ERVE
	TOTAL	OFFICER	ENLISTED	CIVILIAN	TOTAL	OFFICER	ENLISTED
AUTHORIZED	361	43	302	16	1,125	146	979
ACTUAL	339	36	288	15	1,069	144	925

12.	RESERVE UNIT DAT	A			
				STREN	GTH
	UNIT DE	SIGNATION		AUTHORIZED	ACTUAL
	НQ	NV ANG		29	30
	152	CES		131	114
	152	CMN FT		38	37
	152	ITL SQ		96	89
	152	LGS GP		17	15
	152	LGS SQ		106	100
	152	MAI SQ		406	330
	152	MEG SQ		34	33
	152	MSQ FT		34	34
	152	OPS GP		10	6
	152	OSS FT		14	11
	152	RCN GP		48	45
	152	SEP FT		57	60
	152	SER FT		28	25
	152	SUT GP		5 .	3
	152	STU FT		7	73
	192	RCN SQ		<u>65</u>	64
			TOTALS	1,125	1,069

13. MAJOR EQUIPMENT AND AIRCRAFT		
TYPE	AUTHORIZED	ASSIGNED
C-130 Aircraft	8	2
Support Equipment	183	187
Vehicle Equivalents	71	73

					1		
1. COMPONENT						1	DATE
	F	7 1997 MILITARY C			DJECT DATA	7	
ANG			er gener				
3. INSTALLATI	ON ANI) LOCATION			JECT TITLE		
					YSTEMS MAI		
		TIONAL AIRPORT N			ION CONTRO		
5. PROGRAM EI	EMENT	6. CATEGORY CODE	7. PRO	JECT NUI	MBER 8. I	PROJECT (COST(\$000)
54332F		211–179	IICTI	L949732			\$4.600
		,	T ESTIM				34,000
		7, 000	I DOTTIN	1		UNIT	COST
		ITEM		II/M	OUANTITY		(\$000)
FUEL SYSTEMS	MAINT			SM	2,410		3,602
		NTENANCE HANGAR		SM	1,900	1,550	
FUEL SYSTEM	IS MAII	NTENENCE SHOP		SM	160	1,300	
CORROSION C	CONTROL	L SHOP		SM	140	1,300	
PLASTIC MEI	DIA ST	RIPPING AREA		SM	150	1,300	
MUNITION ST	ORAGE	RELOCATION		SM	60	1,200	
SUPPORTING FA	CILIT	IES					590
UTILITIES				LS			(150)
PAVEMENTS/S	SITE II	MPROVEMENTS/DEMOL	ITION	LS			(175)
FIRE PROTEC	CTION S	SUPPORT		LS			(265)
SUBTOTAL				1	1	1	4,192
CONTINGENCY ((5%)						210
TOTAL CONTRAC		 -			}		4,402
		CTION AND OVERHEA	D (5%)				220
TOTAL REQUEST							4,622
TOTAL REQUEST	r (ROUI	NDED)					4,600
				I	1	I	

10. Description of Proposed Construction: Reinforced concrete foundation and floor slab, structural steel framing with insulated metal panels and roof. Interior masonry walls, mechanical ventilation system, drainage with oil/water separator, fire suppression, personnel breathing apparatus and utilities. Exterior access pavements, utilities and support. Demolish Building 1 at 3,087 SF that is in the way of construction. Air Conditioning: 10 Tons.

11. REQUIREMENT: 2,410 SM ADEQUATE: 0 SUBSTANDARD: 1,023 SM PROJECT: Fuel System Maintenance and Corrosion Control Hangar (New Mission).

REQUIREMENT: This project supports the conversion from 18 RF-4 fighter aircraft to 8 C-130 cargo aircraft. A facility for repair of C-130 aircraft fuel cells and bladders is required. Functional areas include fuel cell hangar bay, bladder repair and support shops and approach aprons to the hangar. Work must be performed indoors to keep dust and debris from entering the fuel cell bladders and to meet environmental requirements. Aircraft washing shall also occur in this facility. A small munitions shop which is in the way of the construction must be demolished and a new facility built in its place.

CURRENT SITUATION: The base does not have a facility for performing Fuel Cell/Corrosion Control on C-130 aircraft. The fighter type fuel cell/corrosion control facility cannot be used by the much larger C-130 aircraft. The facility has been converted for use as aerial port training. Weather conditions and environmental regulations require that fuel cell maintenance and corrosion control be performed indoors since the aircraft fuel bladders and cells must remain open for a considerable time. The small munitions storage building in the way of construction must be

	1. COMPONENT	FY 1997		CONSTRUCTION		DATA	2. D	ATE
l	3. INSTALLATIO RENO CANNON II			NEVADA				
1	4. PROJECT TI	rle				5.	PROJECT	NUMBER
h	FUEL SYSTEMS N	MAINTENANCE	AND CORRO	OSION CONTROL	HANGAR		UCTL949	732

demolished to make room for the fuel cell. IMPACT IF NOT PROVIDED: In good weather, fuel system maintenance and corrosion control will be performed on the ramp in an unsafe manner and in violation of Technical Orders. If a fuel spill should occur, it will seep through the pavement joints and contaminate the soil and ground water. When the weather does not allow outdoor work the aircraft will have to be flown to another base that has the capability. Work at other locations will be done on a space available basis. Compliance with environmental regulations cannot be met. Lost training opportunities and higher operating costs. Unable to reach full operational capability. ADDITIONAL: There are no facilities on base that can house this function. All known options were considered during the development of this project. No other option could meet the mission requirements; therefore, no economic analysis was needed or performed.

. COMPON		997 MILITARY CONSTRUCTION PROJEC	CT DATA 2. DATE
NG INSTAL	ATION AND LO	(computer generated)	
ENO CANNO PROJEC		ONAL AIRPORT NEVADA	5. PROJECT NUMBER
. PROJEC	11106		J. PROCECT NOTEDER
UEL SYST	MS MAINTENAI	NCE AND CORROSION CONTROL HANGAI	R UCTL949732
.2. SUPP	EMENTAL DATA	A:	
a. Est	mated Design	n Data:	
(1)	Status:		
	• •	esign Started	95 SEP 01
		t Complete as of Jan 96	40%
	(c) Date 3:	5% Designed esign Complete	95 DEC 20 96 SEP 15
		earen combiere	90 SEF 13
(2)	Basis:		
		rd or Definitive Design -	NO N/A
	(b) where	Design Was Most Recently Used -	N/A
(3)		(c) = (a) + (b) or (d) + (e):	(\$000
		tion of Plans and Specifications	
		her Design Costs	100
	(c) Total(d) Contract	a +	340 340
	(e) In-hous		340
(4)	Constructi	on Start	97 AUG
		ted with this project will be p	rovided from
ther app	opriations:	N/A	
		C	apt Mark Susa 301) 836-8187

1. COMPONENT ANG	FY 1997 GUARD AND MILITARY CONSTR			2. DATE	
3. INSTALLATION FRANCIS S GABE	N AND LOCATION RESKI AIRPORT, NEW YORK			COST	CONSTR INDEX
Four Unit Trai	ND TYPE OF UTILIZATION ning Assemblies per monthe by technician/AGR force			trainir	ng per
	E/GUARD/RESERVE INSTALLAT				rd
7. PROJECTS RE	QUESTED IN THIS PROGRAM:	FY 1997	COST	DESTON	CTATIC
CODE	PROJECT TITLE	SCOPE	<u>(\$000)</u>	DESIGN START	
	AFT WASHING AND DEICING LITY	L:	659	MAY 93	MAR 96
- · · · · - · · · · · · · · · ·	EVE FORCES FACILITIES BOAR al Construction Approved	RD RECOMMENDA	rion -	_6_JUN	
9. LAND ACQUIS	ITION REQUIRED	None		(Dat	
10 DROIPCRC T	LANNED IN NEXT FOUR YEARS	,	(N	umber of	Acres)
CATEGORY CODE	PROJECT TITLE	SCOPE	COST (\$000)		
171-445 COMPC	SITE SUPPORT FACILITY	96,300 SI	F 7,100		•
	E AND SURVIVAL EQUIPMENT	24,400 SI			
214-425 VEHIC	LE AND AGE MAINTENANCE	22,300 SI	F 3,700		

COMPLEX

1. COMPONENT		FY 1997	GUARD AND	RESERVE		2. DA	TE
ANG		MILIT	ARY CONSTR	UCTION			
3. INSTALLATI	ON AND	LOCATION					
FRANCIS S GAB			EW YORK				
							
11. PERSONNEL	STRENG	TH AS OF	1 AUG 95				
		PER	MANENT			GUARD/RES	ERVE
	TOTAL	PER OFFICER	MANENT ENLISTED	CIVILIAN	TOTAL	GUARD/RES OFFICER	ERVE ENLISTED
AUTHORIZED	<u>TOTAL</u> 219			CIVILIAN 174			

ESERVE UNIT DATA			
DODAYD CHILL DILLI		STI	RENGTH
UNIT DES	<u>IGNATION</u>	AUTHORIZED	ACTUAL
102	RQS	109	98
106	RQG	47	46
106	CES	158	136
106	IXS	101	104
106	1SF	55	58
106	LS	111	103
106	NED SQ	56	38
106	SVF	30	27
8106	STUFLT	20	61
106	AGS	62	58
106	LG SPT	15	10
106	PSGRP	10	10
106	PSPFT	24	22
106	SG	5	4
106	LG .	9	9
106	COMM	42	37
	TOTA	LS 854	821

13. MAJOR EQUIPMENT AND AIRCRAFT		
TYPE	AUTHORIZED	<u>ASSIGNED</u>
HC-130 Aircraft	4	4
MH-60G	5	6
Support Equipment	200	180
Vehicle Equivalents	303	320

L. COMPONENT								, ,	2.	DATE
	F	1997 MILITARY C				DJECT	DATA	,]		
NG		(compute	er gene						_	
3. INSTALLATIO	INA NC	LOCATION				JECT 1		_		
DANCTO O CAT	DECKI	· AIDDODE NEEL WODE	7				SHING	AND	DE:	ECING
		AIRPORT NEW YORK 6. CATEGORY CODE			ILI		ο τ	DO TEC	T /	COST (\$000
. PROGRAM ELI	SEIT IN T	b. CALLGORI CODE	/. PK	DECT	. Nui	IDLK	0	YKUJ EU	T	2021(2000
55256F		116-672	WET	/B939	505					\$659
		9. COS'								
				<u> </u>				UNIT	•	COST
		ITEM			U/M	OUANT	YTI	COST		(\$000)
IRCRAFT WASH	ing an	ID DEICING FACILI	ΓY		LS	1	į			200
SUPPORTING FAC	CILITI	ES		-		ļ				394
UTILITIES/WA	ATER S	TORAGE			LS	•	1			(245
PAVEMENTS				- 1	LS	ļ				(10
SITE IMPROVI				}	LS	1				(30
ENVIRONMENT	AL COL	TROL SYSTEM		1	LS	1				(_109
SUBTOTAL						1				594
CONTINGENCY (_]				30
COTAL CONTRACT	-		D /5#1							624
	LNSPE	CTION AND OVERHEAD	U (5%)			l				31
COTAL REQUEST	(DOID	men\								655 659
TOTAL REQUEST	(ROUI	(עפטי								009
										1
				ł						
					i]		ŀ		
		•				ł		ł		1

10. Description of Proposed Construction: Concrete pad with drainage features for fluid containment. Provide utilities, pavements, site improvements, wash water disposal system, and glycol recovery/recycling system.

11. REQUIREMENT: As required.

PROJECT: Aircraft Washing and Deicing Facility (Current Mission).

REQUIREMENT: This is a level II environmental compliance project as mandated by the Clean Water Act and required by 40 CFR 125, Criteria and Standards for National Pollution Discharge Elimination System. The base requires an environmentally safe facility to deice aircraft prior to each flight and rinse aircraft after each flight. Proposed state regulations require glycol discharges be contained and not allowed to enter streams or waterways. This project will provide a means of recovering and recycling the deicing fluids.

CURRENT SITUATION: The base is located near water and the low-level C-130 and helicopter air rescue training missions occur daily over the Atlantic Ocean. The aircraft come back to the base covered with salt-water mist. and are deiced and rinsed in the open on the ramp. Waste rinse water and deicing fluids run off the apron onto the ground contaminating the soil with glycols, salt and other aircraft fluids. In addition, the apron area is not properly sized. It requires the aircraft to be towed into place adding to the loss of operational and training efficiencies. Improper corrosion control also increases the corrosive action of the salt water mist on aircraft components. This has been noted by the Air Force Corrosion Control team's inspection report.

IMPACT IF NOT PROVIDED: Unable to properly deice or rinse aircraft. The continued contamination of groundwater and pollution of nearby streams

1. COMPONENT	2. DATE						
FY 1997 MILITARY CONSTRUCTION PROJECT DAT (computer generated)	A						
3. INSTALLATION AND LOCATION							
DRANGES OF CARREST ATROOMS AND AND AND AND AND AND AND AND AND AND							
FRANCIS S. GABRESKI AIRPORT NEW YORK 4. PROJECT TITLE	5. PROJECT NUMBER						
7. 1.000001 11100	J. I ROUBOI MUMBER						
AIRCRAFT WASHING AND DEICING FACILITY	WKVB939505						
puts the base in violation of federal and state environmental statutes. Notices of violation from environmental regulators could result in fines and penalties. Increased corrosion on aircraft adversely affects components and ultimately impacts the mission.							
<u>}</u>							
	:						
1	\						

	ENT FY 1997 MILITARY CONSTRUCTION PROJ	2. DATE
1G	(computer generated)	
INSTAL	LATION AND LOCATION	
	GABRESKI AIRPORT NEW YORK	
. PROJEC	TITLE	5. PROJECT NUMBER
RCRAFT	VASHING AND DEICING FACILITY	WKVB939505
supp	LEMENTAL DATA:	
a. Est	imated Design Data:	
(1)	Status:	
\- /	(a) Date Design Started	93 MAY 12
	(b) Percent Complete as of Jan 96	70%
	(c) Date 35% Designed	95 MAY 15
	(d) Date Design Complete	96 MAR 31
(2)	Basis:	
	(a) Standard or Definitive Design -	NO
	(b) Where Design Was Most Recently Used	- N/A
(3)	Total Cost (c) = $(a) + (b)$ or $(d) + (e)$:	
	(a) Production of Plans and Specification	ons 20
	(b) All Other Design Costs	10
	(c) Total	30
	(d) Contract	30
	(e) In-house	
	Construction Start	97 JUN
(4)		
(4)	·	
Equip	nent associated with this project will be copriations: N/A	provided from
Equip		provided from
Equip		provided from
Equip		provided from
Equip		provided from
Equip		provided from
Equip		provided from
Equip		provided from
Equip		provided from
Equip		provided from
Equip		provided from
Equip		provided from

Capt Mark Susa (301) 836-8187

1. COMPONENT				2. DATE	E .
ANG	MILITARY CONSTRU	CTION		4. AREA	CONCE
	RNATIONAL AIRPORT, NEW YORK	•			CONSTI
SIEWARI INIE	RNATIONAL AIRPORT, NEW TORK			1	. 23
5. FREQUENCY	AND TYPE OF UTILIZATION				
	aining Assemblies per month, r technician force, and for		nnual trai	ning per	year,
6. OTHER ACT	IVE/GUARD/RESERVE INSTALLATI	ONS WITHIN	1 15 MILE R	ADIUS	
	l Guard Units, two Army Rese orps Reserve Unit (colocated				unit,
	REQUESTED IN THIS PROGRAM:	FY 1997			
CATEGORY CODE	PROJECT TITLE	SCOPE	COST (\$000)	DESIGN START	
171-212 C-5	FLIGHT SIMULATOR FACILITY	1,100	SM 3,000	FEB 94	OCT 9
	ERVE FORCES FACILITIES BOARD	RECOMMENI	DATION	7 1700	. 05
	ERVE FORCES FACILITIES BOARD eral Construction Approved	RECOMMENI	DATION	_7 FE	
Unilat	eral Construction Approved	RECOMMENI None	DATION	_7 FE] (Dat	
Unilat	eral Construction Approved			(Dat	te)
Unilat 9. LAND ACQU	eral Construction Approved				te)
Unilat 9. LAND ACQU 10. PROJECTS CATEGORY	eral Construction Approved ISITION REQUIRED PLANNED IN NEXT FOUR YEARS	None	COST	(Dat	te)
Unilat 9. LAND ACQU 10. PROJECTS	eral Construction Approved ISITION REQUIRED			(Dat	te)
Unilat 9. LAND ACQU 10. PROJECTS CATEGORY CODE	eral Construction Approved ISITION REQUIRED PLANNED IN NEXT FOUR YEARS	None	COST	(Date of the control	te)
Unilat 9. LAND ACQU 10. PROJECTS CATEGORY CODE	eral Construction Approved ISITION REQUIRED PLANNED IN NEXT FOUR YEARS PROJECT TITLE	None	COST (\$000)	(Date of the control	te)
Unilat 9. LAND ACQU 10. PROJECTS CATEGORY CODE	eral Construction Approved ISITION REQUIRED PLANNED IN NEXT FOUR YEARS PROJECT TITLE	None	COST (\$000)	(Date of the control	te)
Unilat 9. LAND ACQU 10. PROJECTS CATEGORY CODE	eral Construction Approved ISITION REQUIRED PLANNED IN NEXT FOUR YEARS PROJECT TITLE	None	COST (\$000)	(Date of the control	te)
Unilat 9. LAND ACQU 10. PROJECTS CATEGORY CODE	eral Construction Approved ISITION REQUIRED PLANNED IN NEXT FOUR YEARS PROJECT TITLE	None	COST (\$000)	(Date of the control	te)
Unilat 9. LAND ACQU 10. PROJECTS CATEGORY CODE	eral Construction Approved ISITION REQUIRED PLANNED IN NEXT FOUR YEARS PROJECT TITLE	None	COST (\$000)	(Date of the control	te)
Unilat 9. LAND ACQU 10. PROJECTS CATEGORY CODE	eral Construction Approved ISITION REQUIRED PLANNED IN NEXT FOUR YEARS PROJECT TITLE	None	COST (\$000)	(Date of the control	te)
Unilat 9. LAND ACQU 10. PROJECTS CATEGORY CODE	eral Construction Approved ISITION REQUIRED PLANNED IN NEXT FOUR YEARS PROJECT TITLE	None	COST (\$000)	(Date of the control	te)
Unilat 9. LAND ACQU 10. PROJECTS CATEGORY CODE	eral Construction Approved ISITION REQUIRED PLANNED IN NEXT FOUR YEARS PROJECT TITLE	None	COST (\$000)	(Date of the control	te)

1. COMPONENT ANG	1		GUARD AND ARY CONSTR	The state of the s		2. DA	TE
3. INSTALLATI STEWART INTER			, new york				
11. PERSONNEL	STRENGTH	AS OF	31 JUL 95				
		PERI	MANENT			GUARD/RES	ERVE
				CTITT TAN	MARAT	APPTARD	ENLISTED
	TOTAL O	<u>FFICER</u>	ENLISTED	CIVILIAN	<u>TOTAL</u>	<u>OFFICER</u>	DMDISTED
AUTHORIZED	632	37	ENLISTED 571	24	1,717	134	1,583

12	RESERVE	IINTT	DATA
44.	TRATION	UNIL	DUTU

UNII DATASTRENGTH_				GTH	
UNIT DE	SIGNA	TION		AUTHORIZED	ACTUAL
105	AG			54	56
105	LSF			88	60
105	FMS			467	365
105	AGS			231	199
105	APS			124	99
105	CES			158	155
105	SVF			30	32
105	COME	LT		40	32
105	MSF			34	38
105	LS			125	113
105	SPS			81	69
137	AS			178	157
105	MED	SQ		67	62
105	LG			18	12
105	SPT	GP		5	4
105	OPS	GP		5	4
105	OSF			12	11
8105	STU	FT		0	55
			TOTALS	1,717	1,523

13.	MAJOR	EQUIPMENT	AND AIRCRAFT

TYPE	AUTHORIZED	ASSIGNED
C-5A Aircraft	13	13
KC-130 T (USMCR)	14	13
Support Equipment	165	142
Vehicle Equivalents	538	739

ANG 3. INSTALLATION AND STEWART INTERNATION	NAL AIRPORT NEW Y	er gener ORK	ated) 4. PRO	JECT T	CITLE SIMUI	ATOR FA	
5. PROGRAM ELEMENT 6. CATEGORY CODE 7. PROJECT NUMBER 8. PROJECT COST(\$ 54119F 171-212 WHAY939802 \$3,000 9. COST ESTIMATES							
C-5 FLIGHT SIMULATO SUPPORTING FACILITY UTILITIES PAVEMENTS SITE IMPROVEMENTS FIRE PROTECTION SUBTOTAL CONTINGENCY (5%) TOTAL CONTRACT COST SUPERVISION, INSPECTOTAL REQUEST TOTAL REQUEST (ROUI	IES S CTION AND OVERHEAD) (5%)	U/M SM LS LS LS LS	OUANT		UNIT COST 2,130	COST (\$000) 2,343 380 (190) (65) (35) (90) 2,723 136 2,859 143 3,002 3,000

10. Description of Proposed Construction: Reinforced concrete foundation and floor slab with steel framed masonry walls and roof structure. Includes utilities, pavements, site improvements, fire protection, and support.

Air Conditioning: 30 Tons.

11. REQUIREMENT: 1,100 SM ADEQUATE: 0 SUBSTANDARD: 0 PROJECT: C-5 Flight Simulator Facility (New Mission).

REQUIREMENT: The Defense Planning Guidance directs that training be moved from actually flying the aircraft into simulators. This reduces aircraft wear and tear, provides long term savings for flying hours, aircraft maintenance, travel and mandays and increases training capabilities. Air Mobility Command has directed that the Local Proficiency Sorties be accomplished in simulators. Flying hours have been reduced. The base requires a facility to house C-5 simulator equipment.

CURRENT SITUATION: The base does not have a facility that can accommodate the simulator equipment and associated classrooms. ANG personnel must travel to other bases that have a simulator. However, with the directed increase in simulator training, there is not enough simulator time to accommodate the training requirements. HQ AMC has stated the need for two simulators in the Air Reserve Components. Only one now exists. The simulator equipment is being purchased and the delivery date will coinside with the completion of facility construction.

IMPACT IF NOT PROVIDED: Unable to meet the training requirements and comply with the Defense Planning Guidance. Aircraft wear and tear cannot be reduced. Higher operating costs. Crews may not be combat ready.

ADDITIONAL: There are no facilities on base that can house this equipment. All known options were considered during the development of

	· · · · · · · · · · · · · · · · · · ·
1. COMPONENT FY 1997 MILITARY CONSTRUCTION PRO	2. DATE
ANG (computer generated)	
B. INSTALLATION AND LOCATION	
STEWART INTERNATIONAL AIRPORT NEW YORK	E DOLDEN MINDER
PROJECT TITLE	5. PROJECT NUMBER
C-5 FLIGHT SIMULATOR FACILITY	WHAY939802
this project. No other option could meet the miss	
	•

. COMPONEN	FY 1997 MILITARY CONSTRUCTION PROJECT DA	ATA 2. DATE
NG	(computer generated)	
. INSTALLA	TION AND LOCATION	
MDVIADO TAM	DOMARIANAT ATDOORS WOLL WARK	
. PROJECT	ERNATIONAL AIRPORT NEW YORK	5. PROJECT NUMBER
. PROJECT		J. PROJECT NORDER
-5 FLIGHT	SIMULATOR FACILITY	WHAY939802
2. SUPPLE	MENTAL DATA:	
a. Estim	ated Design Data:	
(1)	Status:	
` '	a) Date Design Started	94 FEB 0
•	b) Percent Complete as of Jan 96	100
	c) Date 35% Designed	95 MAY 0
(d) Date Design Complete	95 OCT 0
(2)	Basis:	
(a) Standard or Definitive Design -	NO
(b) Where Design Was Most Recently Used -	N/A
(3)	Total Cost (c) = (a) + (b) or (d) + (e):	(\$00
(a) Production of Plans and Specifications	15
	b) All Other Design Costs	6
	c) Total	21
-	d) Contract	21
(e) In-house	
(4)	Construction Start	97 JU
. Equipme	nt associated with this project will be provide	ded from
	priations: Simulator to be provided using ai roximate cost: \$30 Million. Approximate del	
unus. App	roximate cost: \$30 Militon. Approximate del	ivery date F198/1.

Capt Mark Susa (301) 836-8187

1. COMPONE	2. DATE	3				
3. INSTALL WILL ROGER	COST	CONSTR INDEX 92				
Four Unit	Training		onth, 15 days annu orce and for train		trainin	ng per
4 Army Nat Reserve Fa	ional Gua	rd Facilities, 4 Naval Reserve Fa	LATIONS WITHIN 15 Army Reserve Faci cility and I Mari	lities,	1 Air Fo	
7. PROJECT CATEGORY <u>CODE</u>	·	ED IN THIS PROGRA OJECT TITLE	M: FY 1997 <u>SCOPE</u>	COST (\$000)	DESIGN START	STATUS CMPL
		AT MED ADAMETANT				
	DD TO AND POLICE FA	ALTER SECURITY CILITY	623 SM	570	APR 92	DEC 94
8. STATE R	POLICE FA	CILITY	OARD RECOMMENDATI		APR 92	
8. STATE R Unil	POLICE FA	CILITY RCES FACILITIES E	OARD RECOMMENDATI			
8. STATE R	POLICE FA	CILITY RCES FACILITIES E	OARD RECOMMENDATI	ON	_6 OCT	<u>- 93</u>
8. STATE R Unil 9. LAND AC	POLICE FA	CILITY RCES FACILITIES E	OARD RECOMMENDATI red None	ON	_6 OCI	<u>- 93</u>
8. STATE R Unil 9. LAND AC 10. PROJEC CATEGORY	ESERVE FO ateral Co	RCES FACILITIES E nstruction Approv REQUIRED D IN NEXT FOUR YE	OARD RECOMMENDATI red None	ON (N	_6 OCT	<u>- 93</u>
8. STATE R Unil 9. LAND AC 10. PROJEC	ESERVE FO ateral Co	RCES FACILITIES Enstruction Approv	OARD RECOMMENDATI red None	ON (N	_6 OCT	<u>- 93</u>
8. STATE R Unil 9. LAND AC 10. PROJEC CATEGORY CODE 171-449 A	POLICE FA ESERVE FO ateral Co QUISITION TS PLANNE	RCES FACILITIES Enstruction Approv REQUIRED D IN NEXT FOUR YEOJECT TITLE L EVACUATION	OARD RECOMMENDATI red None	ON (N	_6 OCT	: 93 :e)

1. COMPONENT ANG		FY 1997 GUARD AND RESERVE 2. DATE MILITARY CONSTRUCTION					TE
3. INSTALLATION AND LOCATION WILL ROGERS WORLD AIRPORT, OKLAHOMA							
11. PERSONNEL	STRENG	TH AS OF	11 AUG 94				
		PER	MANENT			GUARD/RES	ERVE
	TOTAL	OFFICER	FFICER ENLISTED CIVILIAN TOTAL OFFICER				ENLISTED
AUTHORIZED	305	30	240	35	1,281	189	1,092
ACTUAL	282	30	218	34	1,167	184	983

12.	RESERVE UNIT DAT	:A			
				STREN	GTH
	UNIT DE	SIGNATION		AUTHORIZED	ACTUAL
	137	ALW		51	51
	137	ALS		95	101
	137	MNT SQ		169	156
	137	MSF		34	34
	137	MED SQ		52	51
	137	APF		65	53
	137	CES		134	109
Ì	137	SVF		34	30
	137	SPS		57	55
}	137	LGS		107	94
[137	AEROMD		146	130
	205	EIS		220	190
l	137	COM FT		40	36
	137	OPS GP		6	6
	137	OSF		18	18
	137	LOG GP		7	6
}	137	SPT GP		5	6
	HQ	OKANG		27	29
	137	ALCEFT		14	12
1			TOTALS	1,281	1,167
1					

13. MAJOR EQUIPMENT AND AIRCRAFT		
TYPE	AUTHORIZED	ASSIGNED
C-130H	8	10
Support Equipment	126	100
Vehicle Equivalents	450	449

1. COMPONENT]	2.	DATE	
FY 1997 MILITARY CONSTRUCTION PROJECT DATA												
ANG	· ·		compute	er ge								
3. INSTALLATI	ON ANI	LOCATION			1 1		JECT T		-			
							AND A		R SECU	RII	Y	
WILL ROGERS W				· = =			FACIL				10004	<u> </u>
5. PROGRAM EL	EMENT	6. CATEGOR	Y CODE	7. P	ROJE	CT NU	MBER	8. F	PROJEC	TC	OST(5000)
55296F		730–83	5	 v	ZEIIR	99625					\$570	1
			o. cos:						· · · · · · · · · · · · · · · · · · ·		<u> </u>	
	*					ĺ	1		UNIT		COS	ST
		ITEM				U/M	OUANT	ITY	COST		(\$00	20)
ADD TO AND AL	TER SE	CURITY POL	ICE									
FACILITY						SM		23		- 1		426
ADD TO SECU						SM		67	1,0		•	180)
ALTER SECUR						SM	4	56	5	40	(246)
SUPPORTING FA	CILITI	ES						- 1			_	90
UTILITIES						LS	ł			ı	(20)
PAVEMENTS						LS		ļ		l	(20)
SITE IMPROV						LS				İ	(10)
PREWIRED WO	RKSTAT	TIONS				LS]	ł			(_	<u>40</u>)
SUBTOTAL	F 9/ \			•		1	Į.	- }				516
CONTINGENCY (TOTAL CONTRAC		•				1]				-	<u>26</u> 542
			TEDUE A I) (E%)	`	1	ì	ı		l		27
SUPERVISION, TOTAL REQUEST		TION WAD O	V E K N E A I	(3%	,	1		1		Ì	-	569
TOTAL REQUEST		IDED)					1	- 1		ł		570
TOTAL KINGORDI	(1001	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,					1	1		Ì		370
							ł	ł		ł		
						1		l		ı		

10. Description of Proposed Construction: Add to and alter Building 1035. Addition: Reinforced concrete foundation and floor slab, masonry walls, steel frame and roof structure. Exterior to match existing. Alteration: Rearrange partitions, relocate and extend utilities and alter walls. Provide all utilities and support.

Air Conditioning: 5 Tons.

11. REQUIREMENT: 623 SM ADEQUATE: O SUBSTANDARD: PROJECT: Add to and Alter Security Police Facility (Current Mission). REQUIREMENT: This is a Level I Commanders Facility Assessment (CFA) requirement. The base requires an adequately sized and properly configured law enforcement and security flight facility for effective and efficient management and support of law enforcement, base defense and training. Functional areas include: command, supervision, training and administrative areas, arms vault and storage. This facility also supports mobility and deployment requirements for wartime/contingency operations. CURRENT SITUATION: The security police function is presently located in a substandard, overcrowded, temporary, sheet metal building which is expensive to operate and maintain. The building is a safety and health hazard. The building is energy inefficient. There is no room for cleaning, repairing or properly securing of weapons. Training must be accomplished in extremely crowded conditions. Mobility storage is not secure or readily accessible. The facility has approximately one third of the required space and is not a quality work place. Upon completion of this project Building 1029 at 2,304 SF will be demolished. IMPACT IF NOT PROVIDED: Health and safety hazards continue. operating costs. Poor working conditions. Security is compromised. Training is degraded. Mission support is affected.

. COMPONENT	FY 1997 MILITARY CONSTRUCTION PROJECT	` ከል ፕል	2. DATE
NG	(computer generated)	DAIA	
. INSTALLAT	ION AND LOCATION		
	WORLD AIRPORT OKLAHOMA		
. PROJECT T	ITLE	5. PR	OJECT NUMBER
DD TO AND A	LTER SECURITY POLICE FACILITY	YZ	EU899625
2. SUPPLEM	ENTAL DATA:		
a. Estima	ted Design Data:		
• •	tatus:		
) Date Design Started		92 APR 14
	Percent Complete as of Jan 96		100% 93 MAY 04
•	Date 35% DesignedDate Design Complete		94 DEC 15
(2) B	asis:		
) Standard or Definitive Design -) Where Design Was Most Recently Used -		NO N/A
	otal Cost (c) = (a) + (b) or (d) + (e):		(\$000
) Production of Plans and Specifications		26
	All Other Design Costs		16
) Total) Contract		42 42
-) In-house		42
(4) C	onstruction Start		97 MAY
. Equipmen ther approp	t associated with this project will be proriations: N/A	vided fro	m

Lt Col Bob Lyon (301) 836-8070

1. COMPONENT	FY 1997 GUARD ANI	RESERVE		2. DATE	
ANG	MILITARY CONSTI				
3. INSTALLATION FORT WORTH JOIN	AND LOCATION IT RESERVE BASE, TEXAS		<u>.</u>	COST	CONSTR INDEX 91
Iwelve monthly	D TYPE OF UTILIZATION assemblies per year, 15 by technician/AGR force			ning per	
	/GUARD/RESERVE INSTALLAT Corps Training Centers, ward Armories.				ve
	UESTED IN THIS PROGRAM:	FY 1997			
CATEGORY CODE	PROJECT TITLE	SCOPE	COST (\$000)	DESIGN START	CMPL
· · · · - · · · · · · · · · · · · ·	ELL AND CORROSION OL FACILITY	2,050 SM	3,450	SEP 93	FEB 96
Unilatera	E FORCES FACILITIES BOAR 1 Construction Approved	RD RECOMMENDAT	ION	6 JUN	
9. LAND ACQUISI	TION REQUIRED	None	(N	umber of	Acres)
10. PROJECTS PL CATEGORY CODE	ANNED IN NEXT FOUR YEARS PROJECT TITLE	SCOPE	COST (\$000)		

1. COMPONENT ANG	FY 1997 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE
3. INSTALLATIO FORT WORTH JOI	N AND LOCATION NT RESERVE BASE, TEXAS	,
11. PERSONNEL	STRENGTH AS OF 25 AUG 95	

		PER	MANENT		GUARD/RES	ERVE	
'	TOTAL	OFFICER	ENLISTED	CIVILIAN	TOTAL	OFFICER	ENLISTED
AUTHORIZED	267	6	52	209	1,018	132	886
ACTUAL	225	6	52	167	978	140	838

2. RESERVE UNIT DATA	ampayami.
	STRENGTH
UNIT DESIGNATION	<u>AUTHORIZED</u> <u>ACTUAL</u>
136 ALT WG	52 54
181 ALT SQ	95 103
136 MXS	138 119
136 MSF	34 34
136 MDS	53 53
136 CES SQ	110 94
136 SVS FT	30 27
181 WEA FT	19 22
531 AFBAND	36 35
136 SPS	57 50
136 MAP SQ	101 96
136 LGS	110 102
136 COMMFT	40 41
136 OG	6 9
136 OLMC	6 6
136 LG	9 9
136 OSF	19 18
136 ALCF	14 14
136 SPT GP	5 5
136 AGS	62 57
136 LSF	13 12
8136 STUFLT	9 18
TOTA	

13. MAJOR EQUIPMENT AND AIRCRAFT			
TYPE	AUTHORIZED	<u>ASSIGNED</u>	
C-130H Aircraft	8	9	
Support Equipment	120	117	
Vehicle Equivalents	199	243	

1. COMPONENT							1	2.	DATE
	F	Y 1997 MILITARY CO			OJECT	DATA	\		
ANG		(compute	er genei						
3. INSTALLATI	ON ANI	D LOCATION		4. PRO					
				FUEL C				ON	
		ESERVE BASE TEXAS		CONTRO					
5. PROGRAM EL	EMENT	6. CATEGORY CODE	7. PROJ	ECT NU	MBER	8. I	ROJEC	T C	OST(\$000
55256F		211-179		<u> 949519</u>				S	3,450
		9. COS	r estima	TES					
							UNIT	- 1	COST
		ITEM			OUAN		COST		(\$000)
		OSION CONTROL FACT	ILITY	SM		050			2,343
_		TENANCE DOCK AREA		SM		750			
		NANCE SHOP AREA		SM		L60	•		(170
CORROSION C				SM		L40	1,1	ᅇ	(154
SUPPORTING FA	CILIT	IES		j					740
UTILITIES				LS					(170
PAVEMENTS				LS				1	(220
SITE IMPROV				LS	j			- 1	(50
FIRE PROTEC	TION S	SYSTEM		LS	ŀ			- 1	(300
SUBTOTAL					l	- 1			3,083
CONTINGENCY (•				}			ļ	154
TOTAL CONTRAC				- 1				- [3,237
		CTION AND OVERHEAD	0 (6.5%)			ļ		1	210
TOTAL REQUEST									3,447
TOTAL REQUEST	(ROUI	NDED)			J			J	3,450
						1			
					1				
				1	1			- 1	

10. Description of Proposed Construction: Reinforced concrete foundation and floor slab with masonry/insulated metal panel walls. Structure shall be steel frame with standing seam metal roof. Provide all utilities, access pavements, site improvements, an oil/water separator, and fire suppression.

Air Conditioning: 10 Tons.

11. REQUIREMENT: 2,200 SM ADEQUATE: 0 SUBSTANDARD: 0
PROJECT: Fuel Cell and Corrosion Control Facility (Current Mission).
REQUIREMENT: This is a level II environmental compliance requirement.
This facility is needed to provide control of fugitive emissions, and paintand abrasive particulates, in compliance with the Clean Air Act Amendments of 1990, and required by 40 CFR 63, Section 112, which enforces the practice of controlling hazardous air pollutant emissions associated with the manufacturing and reworking of military and commercial aircraft, subassemblies and aircraft parts. Functional areas include fuel cell/corrosion control hangar bay, bladder repair, and associated shop areas which must meet air quality emission standards. This project will replace and consolidate uncontrolled blasting activities while providing a single, central facility which will establish and maintain proper environmental controls.

CURRENT SITUATION: The base does not have a facility for the C-130 fuel cell and corrosion control function. These tasks are performed on the ramp in violation of environmental regulations as well as Technical Orders. Interim solutions are costly and, at times, unsafe. Accidental fuel spills on the ramp occur and enter the soil through the pavement joints. Continued use of interim measures contributes to air pollution and increases the risk of soil and water contamination.

1. COMPONENT	FY 1997 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
3. INSTALLAT	ON AND LOCATION OINT RESERVE BASE TEXAS	
4. PROJECT T		. PROJECT NUMBER DDPF949519
	PROVIDED. Fodoval and state environmental st	atutos for air

IMPACT IF NOT PROVIDED: Federal and state environmental statutes for air and water would continue to be violated and could result in notices of violation and fines. Poor working conditions would continue to impact the health and welfare of personnel. Inadequate corrosion control and fuel cell functions adversely affect training and aircraft maintenance capabilities, and contribute to higher operating costs.

ADDITIONAL: An exception to the economic analysis requirement has been prepared. The paper presents the rational for only one alternative which is to construct the fuel cell and corrosion control dock.

L. COMPONENT		2. DATE
NG	FY 1997 MILITARY CONSTRUCTION PROJECT DA (computer generated)	AIA .
	TION AND LOCATION	
ORT WORTH J	OINT RESERVE BASE TEXAS	
. PROJECT 1		5. PROJECT NUMBER
UEL CELL AN	D CORROSION CONTROL FACILITY	DDPF949519
2. SUPPLEN	ENTAL DATA:	
a. Estima	ted Design Data:	
• •	tatus:	
	a) Date Design Started	93 SEP 30
) Percent Complete as of Jan 96	95%
	Date 35% Designed	94 JAN 15
(0	l) Date Design Complete	96 FEB 15
(2) E		
	a) Standard or Definitive Design -	NO
(1) Where Design Was Most Recently Used -	N/A
	Cotal Cost (c) = (a) + (b) or (d) + (e):	(\$000)
	Production of Plans and Specifications	140
) All Other Design Costs	75
•) Total	215
•	l) Contract	215
(€	e) In-house	
(4)	Construction Start	97 MAY
	•	
	at associated with this project will be provide	ded from
ther approp	oriations: N/A	
	•	
		Anna Didan
	Mr. S (201)	teve Rider 836-8083
	(301)	030-0003

1. COMPONENT ANG	FY 1997 GUARD AND MILITARY CONSTR			2. DATE	
	N AND LOCATION	OCTION	······································	4. AREA	CONCT
		IC TITLATI		COST	
SALI LAKE CIII	INTERNATIONAL AIRPORT AN	G, UIAN		_ 0.9	
E EDECLIENCY A	ND TYPE OF UTILIZATION		······································	0.9	-
	assemblies per year, 15	darra annual fi	old than	ina nam	~~=
	echnician/AGR force and f		eru cran	ing her a	ear,
daily use by t	ecimitcian/AGR force and i	or craining.			
C OTTED ACTIV	E/GUARD/RESERVE INSTALLAT	TONC LITTUTN 15	MITT DA	DTHE	
					4
	s Corps Reserve, 1 Army R	eserve and 2 A	rmy Nati	onal Guar	a
Units					
2 DDO IRONG DY	OUDGEDD IN MUTA DOCUM				
	QUESTED IN THIS PROGRAM:	FY 1997	COCM	DECTON O	m 4 m110
CATEGORY			COST	DESIGN S	
CODE	PROJECT TITLE	<u>SCOPE</u>	(\$000)	START	CMPL
171-447 ELECT	RONICS SECURITY SQUADRON	1,191 SM	2,250	SEP 93	FEB 9
COMP	LEX				
S CTATE DECED	VE FORCES FACILITIES BOAR	RD RECOMMENDATI	ON		
O. DIWIT VEDEV					
				20 OCT	94
	al Construction Approved			20 OCT (Date	
Unilater	al Construction Approved	None		20 OCT (Date	
Unilater		None		(Date	
Unilater 9. LAND ACQUIS	al Construction Approved ITION REQUIRED		(N		<u>) </u>
Unilater 9. LAND ACQUIS 10. PROJECTS P	al Construction Approved			(Date	<u>) </u>
Unilater 9. LAND ACQUIS 10. PROJECTS P CATEGORY	al Construction Approved ITION REQUIRED LANNED IN NEXT FOUR YEARS	3	COST	(Date	<u>) </u>
Unilater 9. LAND ACQUIS 10. PROJECTS P	al Construction Approved ITION REQUIRED			(Date	<u>) </u>
Unilater 9. LAND ACQUIS 10. PROJECTS P CATEGORY CODE	al Construction Approved ITION REQUIRED LANNED IN NEXT FOUR YEARS	SCOPE	COST (\$000)	(Date)

19. LAND ACQUISITION REQUIRED	None	
		(Number of Acres)
10. PROJECTS PLANNED IN NEXT FOUR YEARS CATEGORY		COST
CODE PROJECT TITLE	SCOPE	(\$000)
171-445 COMPOSITE OPS AND TRAINING AND SQUADRON OPERATIONS COMPLEX	72,200 SF	8,700
214-425 VEHICLE WASHING AND CORROSION CONTROL FACILITY	2,550 SF	460
217-712 COMPOSITE AIRCRAFT MAINTENANCE COMPLEX	110,800 SF	11,000
730-142 FIRE STATION	10,000 SF	2,100
880-232 FIRE DETECTION AND SUPPRESSION SYSTEMS	LS	2,000

1. COMPONENT	1	FY 1997	GUARD AND	RESERVE	- <u>-</u>	2. DA	TE
ANG	<u> </u>		ARY CONSTR				
3. INSTALLATI			_				
SALT LAKE CIT	Y INTER	RNATIONAL	AIRPORT AN	IG, UTAH			
11. PERSONNEL	STRENG	TH AS OF	31 JUL 95				
		PER	MANENT			GUARD/RES	ERVE
	TOTAL	OFFICER	ENLISTED	<u>CIVILIAN</u>	TOTAL	OFFICER	ENLISTED
AUTHORIZED	447	67	344	36	1,646	183	1,463
ACTUAL	444	67	342	35	1,458	173	1,285
12. RESERVE U	NIT DAT	A.					
			_		TRENGTH		
	UNIT DE	SIGNATION	Į.	AUTHORIZE	ת י	ACTUAL	
	HQ	UT ANG		28		28	
	151	ARG		59		52	
	151	OG		6		6	
	151	OSF		27		20	
		ARS		74		79 10	
	151 151	LSF		12 25		10 27	
		LSr LS		108		27 97	
		MXS		142		157	
		AGS		86		93	
	151	SUG		5		4	
	151	CES		147		128	
	151	SVC		30		26	
	151	SPS		75		77	
	151	MSF		34		34	
	151	CFT		43		35	
	151	MDS		55		58	
	130	EIS		228		170	
	299	RCS		108		92	
	106	ACS		120		71	
	109	ACS		121		89	
	169	IS	momat c	113	•	105	
			TOTALS	1,646		1,458	
13. MAJOR EQU	IPMENT	AND AIRCR	AFT				
•	YPE			AUTHORIZE	D	ASSIGNED	
					_		
KC-135 Aircra				9		10	
Support Equip				175		164	
Vehicle Equiv	alents			716		887	

	DATE	2.									1. COMPONENT	
			FY 1997 MILITARY CONSTRUCTION PROJECT DATA									
						ed)	rate	er gene	(comput		ANG	
		-	Σ	TITLE	JECT :	PRO	4.		OCATION	ON ANI	3. INSTALLATI	
N	JADRON	SQU	JRITY	CS SECU	ONICS	CTR	ELF					
						IPLE			MAT'L APT ANG U			
\$000)	OST(\$	T C	ROJEC	R 8. 1	MBER	iun 1	JEC1	7. PRO	CATEGORY CODE	EMENT	 PROGRAM EI 	
0	2,250	<u> </u>				9661			171-447		53115F	
							ATES	ESTIM	9. COS		· · · · · · · · · · · · · · · · · · ·	
	COS		UNIT	4 3000 T MIT		/>			- Care -			
	(\$00		COST	ANTITY				112	TEM COMPA	BOUDTO	DI BOMBONTOC O	
,598		امما	, ,	1,191		SM		X.	SQUADRON COMPL			
483) 371)	•	500 950		302 391	I .	SM SM			V ADEA		MAINTENANCE WAREHOUSE A	
•		500	-	93	1	SM					MAINTENANCE	
473)		150		326	ŀ	SM			TRAINING AREA			
122)			1,5	79	i '	SM					ADDITION TO	
450		ا ۲۰	,	,,		511					SUPPORTING FA	
250)						LS					PAVEMENTS/I	
100)	•					LS				/EMENTS	SITE IMPROV	
100)	•					LS			ONS	ORK STA	PREWIRED WO	
,048	2,]	}					SUBTOTAL	
102										(5%)	CONTINGENCY (
,150	2,]					ĺ			CT COST	TOTAL CONTRAC	
108								(5%)	ON AND OVERHEA	INSPE	SUPERVISION,	
,258		Į									TOTAL REQUEST	
,250	2,	1	Ì						ED)	r (ROUI	TOTAL REQUEST	
2							-) (5%)		CT COST INSPEC	TOTAL CONTRAC SUPERVISION, TOTAL REQUEST	

10. Description of Proposed Construction: Reinforced concrete foundation and floor slab with steel framed masonry walls and roof structure. Provide all utilities, site improvements, and fire protection. Addition to match existing. Includes vehicle parking, roads, drainage, and landscape work and security measure. Dispose of building 1626 at 9,906 SF. Air Conditioning: 15 Tons.

11. REQUIREMENT: 2,307 SM ADEQUATE: 1,116 SM SUBSTANDARD: 298 SM PROJECT: Electronics Security Squadron Complex (New Mission).

REQUIREMENT: This project supports the Senior Scout mission which has been transferred from the active Air Force to the ANG. A facility is required to provide: a training area, administrative space, supply storage, shipping, receiving, and shop space for maintenance of equipment. The building is designed for two Senior Scout maintenance/storage bays with drive through capability.

CURRENT SITUATION: The base does not have the permanent space to support the Senior Scout mission. This mission was assigned to the ANG and requires permanent facilities for training and daily operation. The mission operates in conjunction with the 169th Electronics Security Squadron. Temporary supply function is operating in a 392 SF caged area with no room for expansion. Secure storage requirements have increased dramatically with the Senior Scout mission. The additional equipment does not properly fit in the rooms. Some is stored and cannot be used. Other pieces of equipment are set up in hallways in violation of Techical Orders, security and fire codes. The situation will get worse with the anticipated increase in administrative personnel. The building was constructed for a different technical function and does not serve well the new mission. The storage bay is not large enough to hold the authorized

•	1. COMPONENT			2. DATE
	ANG	FY 1997 MILITARY CONSTRUCTION PROJECT DAT	A	
•	ANG 3 INSTALLATI	(computer generated)		
	SALT LAKE CIT	TY INTERNAT'L APT ANG UTAH		
	4. PROJECT TI	TLE	5. PRO	DJECT NUMBER
	ELECTRONICS S	SECURITY SOUADRON COMPLEX	USI	EB939661
	and cost over provide limit IMPACT IF NOT Scout system, housed in the as an escort, trained. The facilities, o	trailers. The modules, which are mounted on \$20 million each, are stored in a temporary ted protection to the electronic equipment. PROVIDED: The supply function cannot support degrading the unit's mission readiness. Unce building continue to require an additional property making it extremely difficult to function and \$20 million modules, which are presently stored get damaged. Degraded readiness as the operational capability. Possible compromise	t the leared erson d keep red in	Senior i personnel full-time personnel temporary is unable

L. COMPONE	T FY 1997 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
NG	(computer generated)	
	TION AND LOCATION	
SALT LAKE (ITY INTERNAT'L APT ANG UTAH	
. PROJECT		. PROJECT NUMBER
LECTRONICS	SECURITY SQUADRON COMPLEX	USEB939661
.2. SUPPLI	MENTAL DATA:	
a. Estin	nated Design Data:	
(1)	Status:	
	(a) Date Design Started	93 SEP 20
	b) Percent Complete as of Jan 96	95%
	c) Date 35% Designed	95 APR 21
((d) Date Design Complete	96 FEB 01
` '	Basis:	NO
	(a) Standard or Definitive Design - (b) Where Design Was Most Recently Used -	N/A
((b) where besign was most kecently used -	
	Total Cost (c) = (a) + (b) or (d) + (e):	(\$000
	(a) Production of Plans and Specifications	70
	(b) All Other Design Costs	31
	(c) Total	101 101
	(d) Contract (e) In-house	101
(4)	Construction Start	97 JUN
o. Equipm	ent associated with this project will be provided	from
	opriations: N/A	
	-	
	M̞r. Johr	
	(301) 83	86-8076

4		AND RESERVE			2. DATI	2
ANG	MILITARY CO	NSTRUCTION			1	
	TION AND LOCATION AIR NATIONAL GUARD BASE,	WISCONSIN				A CONSTR C INDEX
	THE MILLIONNE COMME DINGE,	"IDOONDIN				33
•	AND TYPE OF UTILIZATION				<u> </u>	
	operational training of A				ind other	:
deserve and	Guard components and Act	tive Military 1	Unit	s.		
		<u></u>				
	TIVE/GUARD/RESERVE INSTAI	LLATIONS WITHI	N 15	MILE RA	DIUS	
. Army Natio	onal Guard Unit					
PROJECTS	REQUESTED IN THIS PROGRA	M· FV 1007				
ATEGORY	MEGALIE IN INIT INCOM	ui. II 1997		COST	DESIGN	STATUS
CODE	PROJECT TITLE	SCOPE		(\$000)	START	
22 266 1170	OVO CHURD VCHATKAD GOLOR	n Tabl		050	4DD 04	MAN O
32-266 UPG	GRADE SANITARY SEWER SYST	i em	LS	850	APR 94	MAY 96
				٠		
				,		
CTATE DEC	PEDUE PODCES FACTITIES	DOADD DECOMMEN	DATT.	OW		
	SERVE FORCES FACILITIES I		DATI	ON	18 JAN	
Unilat	eral Construction Approx	7ed	DATI	ON	18 JAN	
Unilat			DATI		(Dat	:e)
Unilat	eral Construction Approv	None None	DATI			:e)
Unilat	eral Construction Approx	None None	DATI		(Dat	:e)
Unilat . LAND ACQU	eral Construction Approv	None None		(N	(Dat	:e)
Unilate LAND ACQU O. PROJECTS ATEGORY CODE	eral Construction Approx USITION REQUIRED PLANNED IN NEXT FOUR YES	None EARS SCOPE		COST (\$000)	(Dat	:e)
Unilate LAND ACQU O. PROJECTS ATEGORY CODE 11-111 UPG	eral Construction Approx USITION REQUIRED PLANNED IN NEXT FOUR YES PROJECT TITLE RADE RUNWAY AND TAXIWAY	None EARS SCOPE 219,500	SY	COST (\$000) 9,000	(Dat	:e)
Unilate LAND ACQU O. PROJECTS ATEGORY CODE 11-111 UPG 22-264 MUN	eral Construction Approx USITION REQUIRED PLANNED IN NEXT FOUR YES	None EARS SCOPE 219,500 3,600	SY	COST (\$000) 9,000 700	(Dat	:e)
Unilate LAND ACQUARTER O. PROJECTS ATEGORY CODE 11-111 UPO 22-264 MUN 42-758 BAS	PROJECT TITLE GRADE RUNWAY AND TAXIWAY HITIONS STORAGE IGLOOS E SUPPLY AND EQUIPMENT REHOUSE	None SCOPE 219,500 3,600 32,000	SY SF SF	COST (\$000) 9,000 700 4,900	(Dat	:e)
Unilate LAND ACQU O. PROJECTS ATEGORY CODE 11-111 UPO 22-264 MUN 42-758 BAS WA 25-517 TRO	PROJECT TITLE GRADE RUNWAY AND TAXIWAY HITIONS STORAGE IGLOOS E SUPPLY AND EQUIPMENT	None EARS SCOPE 219,500 3,600	SY SF SF	COST (\$000) 9,000 700 4,900	(Dat	:e)

. COMPONENT			GUARD AND			2. DA	TE
ANG			ARY CONSTR	UCTION			
. INSTALLATI OLK FIELD AI			DACE WIS	CONSTN			
OPK LIPPO WI	. NAIIO	NAL GUARD	DAUE, WID	00110111			
1. PERSONNEI	STRENG	TH AS OF	31 JUL 95				3
					9	**************************************	entre.
	TOTAL.		MANENT ENLISTED	CIVILIAN		<u>UARD/RES</u> OFFI <i>C</i> ER	ENLISTE
AUTHORIZED	212	19	121	72	231	27	204
ACTUAL	183	16	95	72	194	23	173
2. RESERVE U	JNIT DAT.	A		c	TRENGTH		
	יות ידותון	SIGNATION	ř	AUTHORIZE		CTUAL	
	JULE DE	~ * O1113 T T O11	•	*** *** * *** Q III	- 4	- 	
		CRTC		110		87	
	128	AC SQ		121		107	
•			TOTALS	231		194	
			. mad	*			
			•				

TYPE	<u>AUTHORIZED</u>	ASSIGNED
Support Equipment	260	243
Vehicle Equivalents	777	706

L. COMPONENT								2.	DATE
-	FY 1997 MILITARY CO	ONSTRUCT	CION :	PRO	JECT	DATA	. 1		
\ng	(comput	er genei	ated)_					
3. INSTALLATION	AND LOCATION	·	4. P	RO.	JECT 1	CITLE			
	ATIONAL GUARD BASE								
VISCONSIN									SYSTEM
. PROGRAM ELEMEI	T 6. CATEGORY CODE	7. PROJ	ECT 1	NUI	1BER	8. P	ROJEC	T	COST(\$000)
55256F	832-266	WANT	9496	42					\$850
33230F		ESTIMA		44					3030
	7. 003.	POTIM	120			1	UNII	•	COST
	ITEM		u.	/M	QUANT	TTY	COST		(\$000)
PGRADE SANITARY	SEWER SYSTEM		L						720
UPPORTING FACIL	TIES		1			İ			50
PAVEMENTS			L	s		- 1			(20)
SITE IMPROVEMEN	rs .		L	S					(30)
UBTOTAL]			1			770
CONTINGENCY (5%)				,					39
OTAL CONTRACT CO	- -								809
	ECTION AND OVERHEAD	0 (5%)	J						40
OTAL REQUEST									849
COTAL REQUEST (RO	OUNDED)					}			850
			i			ľ			
					1	1			
						j			
			1		l	1			

10. Description of Proposed Construction: Replace damaged, broken, and undersized sewer main lines, lateral lines, and various appurtenances with correctly sized lines of modern materials. Repair damage to roads, sidewalks, and grounds caused by excavation to upgrade lines.

11. REQUIREMENT: As required.

PROJECT: Upgrade Sanitary Sewer System (Current Mission).

REQUIREMENT: This is a level II environmental compliance project as mandated by the Clean Water Act and required by 40 CFR 403, General Pretreatment Regulations for Existing and New Sources of Pollution. A modern sanitary sewer system capable of accommodating the volume of sanitary wastes from expanded base facilities, and free from infiltration due to breaks, loose joints, and adverse site conditions is required. CURRENT SITUATION: The clay tile sewage collection system was originally installed in the 1930s. Over the years the base has grown and the demands on the piping in many areas has exceeded its operational capacity. Storm water and ground water infiltration due to loose joints, cracked and broken pipes, low manholes, and settlement is placing an excess load on the treatment system and violates local utility regulations. Extensive deterioration of manholes and piping has caused many distribution lines to fill with sand and dirt and obstruct the proper flow in the sewer lines. The system has exceeded its design life and is failing at a rapidly increasing rate.

IMPACT IF NOT PROVIDED: Unable to comply with federal, state, and local environmental laws, thus increasing the potential for notices of violation and fines. A severe impact from both a cost and liability standpoint could materialize if the system fails. Sewage backups into facilities would cause work delays, facility damage, and health hazards.

1. COMPON	FY 1997 MILITARY CONSTRUCTION PROJECT D	2. DATE
ANG	(computer generated)	
3. INSTAL	LATION AND LOCATION	
OLK FIEL	O AIR NATIONAL GUARD BASE WISCONSIN	
4. PROJEC	TITLE	5. PROJECT NUMBER
JPGRADE SANITARY SEWER SYSTEM		YA0F949642
L2. SUPP	LEMENTAL DATA:	
a. Est	imated Design Data:	
(1)	Status:	
•	(a) Date Design Started	94 APR 12
	(b) Percent Complete as of Jan 96	65%
	(c) Date 35% Designed(d) Date Design Complete	95 OCT 03 96 MAY 33
(2)	Basis:	
(-)	(a) Standard or Definitive Design -	NO
	(b) Where Design Was Most Recently Used -	N/A
(3)	Total Cost (c) = $(a) + (b)$ or $(d) + (e)$:	(\$000
	(a) Production of Plans and Specifications	40
	(b) All Other Design Costs(c) Total	22
	(d) Contract	62 62
	(e) In-house	V-
(4)	Construction Start	97 JUL
. Equip	ment associated with this project will be provi	ded from
ther app	copriations: N/A	
	Mr	John Loehle

. COMPONENT ANG	FY 1997 GUARD AT MILITARY CONST	·· -··		2. DATE	
UERTO RICO IN	N AND LOCATION TERNATIONAL AIRPORT, PUR	ERTO RICO		i	CONSTI INDEX 25
our Unit Trai	ND TYPE OF UTILIZATION ning Assemblies per mont e by technician/AGR for	th, 15 days annuce, and for trai	al field ining.	trainin	g per
Air National	E/GUARD/RESERVE INSTALLA Guard Unit, 1 Active An Reserve Units and 2 Nava	my Unit, 8 Army			
	OURCERD IN MUIC DOODAN	EV 1007			
	QUESTED IN THIS PROGRAM:	FI 1997	COST	DESTON	クバアムヤフ
ATEGORY CODE	PROJECT TITLE	SCOPE	COST (\$000)	DESIGN START	STATUS CMPL
ATEGORY CODE 14-467 REFUE		SCOPE		START	CMPL
ATEGORY CODE 14-467 REFUE	PROJECT TITLE LING VEHICLE SHOP AND	SCOPE	(\$000)	START	CMPL
ATEGORY CODE 14-467 REFUE PAIN	PROJECT TITLE LING VEHICLE SHOP AND T BAY	<u>SCOPE</u> 252 SM	<u>(\$000)</u> 450	START	CMPL
ATEGORY CODE 14-467 REFUE PAIN . STATE RESER	PROJECT TITLE LING VEHICLE SHOP AND	SCOPE 252 SM ARD RECOMMENDATI	<u>(\$000)</u> 450	START	JUN 96

1. COMPONENT FY 1997 GUARD AND RESERVE 2. DATE ANG MILITARY CONSTRUCTION 3. INSTALLATION AND LOCATION PUERTO RICO INTERNATIONAL AIRPORT, PUERTO RICO

11. PERSONNEL STRENGTH AS OF 31 JUL 95

	PERMANENT					GUARD/RES	ERVE
	TOTAL	OFFICER	ENLISTED	CIVILIAN	TOTAL	OFFICER	ENLISTED
AUTHORIZED	381	35	259	87	1,032	99	933
ACTUAL	290	18	176	96	1,018	100	918

12. RESERVE UNIT DATA

			STRE	NGTH
UNIT DE	<u>SIGNATION</u>		AUTHORIZED	ACTUAL
156	FG		53	51
156			9	
	FGDET1			7
156	OG		3	3
156	OSF		23	20
198	FS		38	45
156	SPTG		5	4
156	MSF		34	31
156	LG		20	16
156	MS		201	197
156	LSF		32	24
156	AGS		175	175
156	LS		112	110
156	MED AQ		54	65
156	MDSQOL		3	3
156	CES		134	128
156	SPS		57	61
156	CF		49	44
156	SVF		30	34
		TOTALS	1,032	1,018

13. MAJOR EQUIPMENT AND AIRCRAFT

TYPE	AUTHORIZED	ASSIGNED
C-26 Aircraft	12	17
F-16 Aircraft	1	1
Support Equipment	107	87
Vehicle Equivalents	321	309

1. COMPONENT							DATE
	F	Y 1997 MILITARY CO			OJECT DAT	[A	
ANG		(compute					
					JECT TITI		
	NTERN	ATIONAL AIRPORT		REFUEL	ING VEHIC	CLE SHOP	AND
PUERTO RICO				PAINT			
5. PROGRAM EL	EMENT	6. CATEGORY CODE	7. PROJ	ECT NU	MBER 8.	PROJECT	COST(\$000)
55256F		214-467	TUME	939783			\$450
			C ESTIMA	TES			
				[1	UNIT	COST
		ITEM		U/N	OUANTITY	COST	(\$000)
REFUELING VEH	ICLE S	SHOP AND PAINT BAY	Y	SM	252	1	334
VEHICLE REF	UELIN (SHOP		SM	140	1,350	(189)
PAINT BAY A	REA			SM	75	1,350	(101)
ADMINISTRAT	IVE A	ND UTILITY AREA		SM	37	1,190	(44)
SUPPORTING FA	CILIT	ES		ı	1	1	67
UTILITIES				LS			(25)
PAVEMENTS				LS	İ	}	(30)
SITE IMPROV	EMENTS	5		LS		1	(_12)
SUBTOTAL							401
CONTINGENCY (5%)				İ		20
TOTAL CONTRAC	T COST	2				İ	421
SUPERVISION,	INSPE	CTION AND OVERHEAD	(6.5%)				27
TOTAL REQUEST							448
TOTAL REQUEST	(ROUI	(DED)					450
•	•	•					
					1		
					1		
					1		

10. Description of Proposed Construction: Reinforced concrete foundation and floor slab, masonry walls, steel frame and roof structure. Ventilation in accordance with environmental and safety regulations and standards. Provide all utilities, pavements, site improvements, and support.

Air Conditioning: 5 Tons.

REQUIREMENT: 252 SM ADEQUATE: O SUBSTANDARD: PROJECT: Refueling Vehicle Shop and Paint Bay (Current Mission). REQUIREMENT: This is a level II environmental compliance project mandated by the Clean Air Act (CAA) Amendments of 1990 and required by 40 CFR 61, National Emission Standards for Hazardous Air Pollutants. This facility is needed to provide control of fugitive emissions, and paint and abrasive particulates. The CAA Amendments of 1990 requires enforcing the practice of controlling hazardous air pollutant emissions associated with the manufacturing and reworking of military and commercial aircraft, subassemblies and aircraft parts. Functional areas include refueler maintenance bay, paint bay, and associated shop areas which must meet air quality emission standards. This project replaces and consolidates uncontrolled blasting activities while providing a facility which establishes and maintains proper environmental controls. CURRENT SITUATION: The refueler maintenance bay does not meet federal and state safety or environmental standards and statutes. There is no containment for fuel spills or correct ventilation for fuel fumes. is insufficient clearance between the walls and the refueler, limiting maintenance capabilities and equipment utilization. The facility has numerous health and safety violations and cannot be upgraded. The paint spray booth does not comply with pollution standards and needs to be

1. COMPONENT FY 1997 MILITARY CONSTRUCTION PROJECT DATA ANG (computer generated)	ra 2. DATE
3. INSTALLATION AND LOCATION PUERTO RICO INTERNATIONAL AIRPORT PUERTO RICO	
4. PROJECT TITLE REFUELING VEHICLE SHOP AND PAINT BAY	5. PROJECT NUMBER TUMR939783

the same and the s

replaced with modern equipment. There is no vehicle paint bay in which to install a new environmentally safe booth. Painting outside is not possible since dirt and insects would adhere to the fresh paint, and it would violate Technical Orders and safety and environmental standards. IMPACT IF NOT PROVIDED: Safety and environmental standards and statutes would be violated. Limited capabilities for maintaining refueling vehicles and inadequate training would continue to exist. Vehicles will continue to be painted under contract off-base which is the less economical alternative and does not meet mission requirements.

NG		FY 1997 MILITARY CONSTRUCTION PROJECT D.	ATA 2. DATE
	TATTO	(computer generated) ON AND LOCATION	
. INSTAL	LAIIU	A AND LOCATION	
UERTO RI	CO IN	TERNATIONAL AIRPORT PUERTO RICO	
. PROJEC	T TIT	LE	5. PROJECT NUMBER
DWIDI TNO		CALL CITOD AND DATAMED BANK	mm.
EFUELING	VEHI	CLE SHOP AND PAINT BAY	TUMR939783
2. SUPP	LEMEN	TAL DATA:	
a. Est	imate	ed Design Data:	
(1)	Sta	itus:	
, ,	(a)	Date Design Started	93 SEP 11
		Percent Complete as of Jan 96	65%
		Date 35% Designed	95 SEP 15
	(d)	Date Design Complete	96 JUN 01
(2)	Bas		
		Standard or Definitive Design -	NO
	(b)	Where Design Was Most Recently Used -	N/A
(3)	Tot	al Cost (c) = (a) + (b) or (d) + (e):	(\$000)
	(a)	Production of Plans and Specifications	25
		All Other Design Costs	10
		Total	35
		Contract In-house	35
7.63	Con	struction Start	97 JUN
(4)			
(4)			
	ment	associated with this project will be provide	ded from
			ded from
. Equip			ded from
. Equip			ded from
. Equip			ded from
. Equip			ded from
. Equip			ded from
. Equip			ded from
. Equip			ded from
. Equip			ded from
. Equip			ded from
. Equip			ded from
. Equip			ded from
. Equip		ations: N/A	ded from John Loehle 836-8076

1967年 李明明 1985年 1985年 1986年 19 1. COMPONENT 2. DATE FY 1997 MILITARY CONSTRUCTION PROJECT DATA ANG (computer generated) 3. INSTALLATION AND LOCATION VARIOUS LOCATIONS - WITHIN THE UNITED STATES 4. PROJECT TITLE 5. PROJECT NUMBER PROJECTS \$400,000 AND UNDER - FY 97 **VARIOUS STATE AND LOCATION** PROJECT NUMBER **COST PROJECT TITLE NEW JERSEY** Atlantic City International Airport AQRC939564 ADD TO AND ALTER MEDICAL TRAINING FACILITY 380 Provides an adequately sized facility to accommodate medical training and specialized medical equipment, including offices, examination and waiting rooms, laboratories, and records storage.

> Mr. Lee Anderson (301) 836-8080

1. COMPONENT	7 1997 MILITARY CO	NSTRUCTION	y PR	DJECT DA		DATE
ANG	(compute	r generat	ed)			
3. INSTALLATION AND				JECT TIT	E	
VARIOUS LOCATIONS (NG AND DI		
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT	נטא ז	MBER 8.	PROJECT	COST(\$000)
55296F	010-000	AAAA949				\$7,725
	9. COS1	ESTIMATES	3		A design	
	ITEM	ļ	U/M	OUANTIT	UNIT	COST (\$000)
PLANNING AND DESIGN SUBTOTAL FOTAL CONTRACT COST FOTAL REQUEST FOTAL REQUEST (ROUR	•		LS			7,725 7,725 7,725 7,725 7,725

10. Description of Proposed Construction: The funds requested will provide for the final design of facilities and achieve full evaluation for each project in terms of technical adequacy and estimated cost. In addition, the funds are required to prepare working drawings, specifications, and project reports for the design of construction projects to be included in future Military Construction Programs.

11. REQUIREMENT: As required.

REOUIREMENT: The ANG needs planning and design funds for projects to be included in future MILCON programs. The FY 97 design funds are needed to complete the design for projects to be included in FY 98 budget request and begin the design for projects to be included in FY 99 budget request. CURRENT SITUATION: The SECDEF bottom up review and the downsizing of the Air Force has resulted in the transferring of additional missions such as the B-1, KC-135, C-130, and others to the ANG. The MILCON for these aircraft conversions are included in the FY 98-99 programs. The ANG requires the design money in FY 97 to insure the design milestones for FY 98 and FY 99 as mandated by DODI 1225.7 are met. The ANG design dollars have been totally depleted. This is the result of past congressional MILCON adds to the program without a corresponding increase in design money. In order to preclude a design work stoppage, ANG was forced to reprogram \$5.8 Mil. However, this was only a short term stop gap measure. Additional reprogrammings may be necessary to resolve the shortfall resulting from the appropriated programs. This amended FY 97 budget has been increased by \$ 3 Mil to specifically design the projects that the Air Force added to the ANG Milcon program for FY 98 and FY 99 in support of the Boise ID, A-10/C-130 aircraft conversion. IMPACT IF NOT PROVIDED: The ANG will not be able to execute the FY 97 and

	1. COMPONENT FY 1997 MILITARY CONSTRUCTION PROJECT DAT	TA	2. DA	ATE
_	ANG (computer generated)			
	3. INSTALLATION AND LOCATION VARIOUS LOCATIONS (UNSPECIFIED)			
•		5.	PROJECT	NUMBER
	DIAMMING AND DECICN		***	7.4.5

FY 98 design programs. Since the majority of the programs are in support of new missions, conversions, and environmental compliance, the projects cannot be included in the MILCON programs and submitted to Congress. Conversions will be delayed; high risk and costly workarounds will occur. Inability to program environmental compliance projects will result in violation of county, state, and federal statutes. The ANG may receive fines and the DoD, AF, and ANG may receive adverse publicity. It will be hard to explain that this was caused by insufficient planning and design.

DEPARTMENT OF THE AIR FORCE JUSTIFICATION OF ESTIMATES FOR FISCAL YEAR 1997

APPROPRIATION:

MILITARY CONSTRUCTION -- AIR NATIONAL GUARD

PROGRAM 313:

PLANNING AND DESIGN

\$7,725,000

PART I -- PURPOSE AND SCOPE

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

PART II -- JUSTIFICATION OF FUNDS REQUESTED

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

2. DATE 1. COMPONENT FY 1997 MILITARY CONSTRUCTION PROJECT DATA (computer generated) ANG 3. INSTALLATION AND LOCATION 4. PROJECT TITLE VARIOUS LOCATIONS (UNSPECIFIED) UNSPECIFIED MINOR CONSTRUCTION 5. PROGRAM ELEMENT | 6. CATEGORY CODE | 7. PROJECT NUMBER | 8. PROJECT COST (\$000) \$4.100 **AAAA949744** 999-999 55296F COST ESTIMATES UNIT COST (\$000) COST U/M QUANTITY ITEM 4.100 UNSPECIFIED MINOR CONSTRUCTION 4,100 SUBTOTAL 4,100 TOTAL CONTRACT COST 4,100 TOTAL REQUEST 4,100 TOTAL REQUEST (ROUNDED) Description of Proposed Construction: Provides a lump sum for construction projects not otherwise authorized by law. Includes construction, alteration, or conversion of permanent or temporary facilities. The Secretary of the Air Force has the authority to approve projects of this nature under the provisions of 10 U. S. Code 2233a or 10 U. S. Code 2805. 11. REQUIREMENT: As required. REQUIREMENT: This program provides the means of accomplishing projects costing over \$300,0000 but not exceeding \$1,500,000 that are not now identified, but which are anticipated to arise during late FY 1996, or early FY 97 to satisfy critical, unforeseen and urgent mission or environmental requirements. It would be too late to include these projects in the FY 97 MILCON and these projects cannot wait for inclusion in the FY 98 MILCON. CURRENT SITUATION: During this period, as the Air Force is cutting back force structure, the ANG is undergoing numerous aircraft conversions and beddowns. These include: conversions from F-15 and F-16 to B-1 at 2 locations; conversion of the F-4G and RF-4C to C-130/A-10 at two locations; conversions of the F-16 and RF-4C to KC 135 at 6 locations and many more non flying missions. Many facility requirements not now identified may need to be done on an urgent basis to support the arrival of new aircraft and equipment. Past records indicate that additional conversion projects are identified by the Site Activation Task Force. This is an ANG management team that arrives on a base selected for a conversion and conducts a program review to insure the conversion is successful and on time. Facilities and other issues are addressed. Unforseen and urgent environmental requirements to meet state and federal

	f f				
	1. COMPONENT	FY 1997 MTT.	TTARY CONSTRUCT	ION PROJECT DA	2. DATE
	ANG		(computer gener		
	3. INSTALLATION	AND LOCATION			
	VARIOUS LOCATIO	NS(UNSPECIFI	ED)		
	4. PROJECT TITL				5. PROJECT NUMBER
	UNSPECIFIED MIN	OR CONSTRUCTI	ON		AAAA949744
•					
	laws are also t				The funds but are based on
	past history an	d account for	inflation only		
	projects are no IMPACT IF NOT P			the hedderms	Will require
	formal reprogra				
	requirements car	nnot be satis	fied. More exp		
	workarounds wil	l have to be	used.		
					•

DEPARTMENT OF THE AIR FORCE JUSTIFICATION OF ESTIMATES FOR FISCAL YEAR 1997

APPROPRIATION:

MILITARY CONSTRUCTION -- AIR NATIONAL GUARD

PROGRAM 341:

UNSPECIFIED MINOR CONSTRUCTION

\$4,100,000

PART I -- PURPOSE AND SCOPE

The funds estimated in this program are to provide financing for new construction and alteration projects having cost estimates over \$300,000 but not exceeding \$1,500,000 which are not otherwise authorized by law.

PART II -- JUSTIFICATION OF FUNDS REQUESTED

The funds required for Minor Construction will finance projects for which the justification is such that they should not be included in the regular Military Construction Program for the Air National Guard and such that they exceed the minor construction work authorization in the Operations and Maintenance Appropriation.