



Department of the Air Force

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# **Military Construction and Family Housing Program**

**Fiscal Year (FY) 2001  
Budget Estimates**

**Justification Data Submitted to Congress  
February 2000**

## Table of Contents

**Table Of Contents  
Fiscal Year (FY) 2001  
President's Budget**

<u>General</u>	<b>Page Number</b>
Table of Contents .....	1
Program Summary .....	3
 <u>Military Construction</u>	
State Summary (List of Projects) .....	5
New Mission/Current Mission Exhibit.....	13
Installation Index .....	21
 <b>Special Program Considerations:</b>	
Statements .....	23
Congressional Reporting Requirements .....	24
Research and Development .....	26
Third Party Financing .....	27
Appropriation Language .....	29
Inside the United States Construction Projects.. .....	31
Outside the United States Construction Projects.. .....	231
Unspecified Minor Construction .....	259
Planning and Design .....	261
Working Capital Funds Construction Projects.....	263

## Inside the United States Construction Projects

1. COMPONENT		FY 2001 MILITARY CONSTRUCTION PROGRAM (computer generated)								2. DATE	
AIR FORCE											
3. INSTALLATION AND LOCATION				4. COMMAND				5. AREA CONST COST INDEX			
HILL AIR FORCE BASE, UTAH				AIR FORCE MATERIEL COMMAND				1.05			
6. PERSONNEL STRENGTH		PERMANENT			STUDENTS			SUPPORTED			TOTAL
		OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV	
a. As of 30 SEP 99		677	3826	9548				3489	4702	740	23,982
b. End FY 2005		664	3849	9833				3489	4702	740	24,277
7. INVENTORY DATA (\$000)											
a. Total Acreage: ( 6,973)											
b. Inventory Total As Of: (30 SEP 99) 1,939,032											
c. Authorization Not Yet In Inventory: 0											
d. Authorization Requested In This Program: 16,500											
e. Authorization Included In Following Program: (FY 2002) 10,000											
f. Planned In Next Three Program Years: 34,300											
g. Remaining Deficiency: 0											
h. Grand Total: 1,999,832											
8. PROJECTS REQUESTED IN THIS PROGRAM: FY 2001											
CATEGORY		PROJECT TITLE		SCOPE		COST (\$000)		DESIGN STATUS			
CODE								START	CMPL		
211-159	C-130 CORROSION CONTROL FACILITY(WORKING CAPITAL FUND)			6,900 SM		16,500		TURN KEY			
						TOTAL:	16,500				
9a. Future Projects: Included in the Following Program (FY 2002)											
211-252	HYDRAULIC/PNEUDRAULIC REPAIR FACILITY			4,647 SM		10,000					
						TOTAL:	10,000				
9b. Future Projects: Typical Planned Next Three Years:											
171-625	COMBAT LOGISTICS SUPPORT SQ TRAINING/STORAGE FACILITY			2,000 SM		3,600					
212-212	MISSILE DEPOT MAINTENANCE FACILITY			3,317 SM		9,000					
422-259	MISSILE STORAGE FACILITY			3,535 SM		12,200					
721-312	DORMITORY (144 RM)			144 RM		9,500					
10. Mission or Major Functions: Ogden Air Logistics Center which is responsible for logistics management, support, and depot-level maintenance of tactical missiles, F-16 aircraft, Minuteman and Peacekeeper ICBMs; AN/FPS-117 radar, composite (including B-2 composites), power systems, and software workload; a test squadron with F-16, MH-60, and HC/NC-130 aircraft; an air base wing; an Air Combat Command fighter wing with three F-16 squadrons; and an Air Force Reserve fighter wing with one F-16 squadron.											
11. Outstanding pollution and safety (OSHA) deficiencies:											
a. Air pollution: 0											
b. Water pollution: 1,100,000											
c. Occupational safety and health: 0											
d. Other Environmental: 6,000,000											
12. Real Property Maintenance Backlog This Installation 8,903											

1. COMPONENT	FY 2001 MILITARY CONSTRUCTION PROJECT DATA			2. DATE
AIR FORCE	(computer generated)			
3. INSTALLATION AND LOCATION		4. PROJECT TITLE		
HILL AIR FORCE BASE, UTAH		C-130 CORROSION CONTROL FACILITY (WORKING CAPITAL FUND)		
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST (\$000)	
7.28.96	211-159	KRSM993014	16,500	

9. COST ESTIMATES				
ITEM	U/M	QUANTITY	UNIT COST	COST (\$000)
C-130 CORROSION CONTROL FACILITY	SM	6,900	2,000	13,800
SUPPORTING FACILITIES				1,750
UTILITIES	LS			( 850)
PAVEMENTS	LS			( 600)
SITE IMPROVEMENTS	LS			( 300)
SUBTOTAL				15,550
TOTAL CONTRACT COST				15,550
SUPERVISION, INSPECTION AND OVERHEAD (5.7%)				886
TOTAL REQUEST				16,436
TOTAL REQUEST (ROUNDED)				16,500
EQUIPMENT FROM OTHER APPROPRIATIONS (NON-ADD)				(6,120)

10. Description of Proposed Construction: Multi-bay structure with concrete floor slab, foundation, and structural steel frame, including aircraft access pavement, fire suppression system and all necessary support. Includes support equipment preparation and paint mixing room. Air Conditioning: 400 KW.

11. REQUIREMENT: 9,012 SM ADEQUATE: 2,112 SM SUBSTANDARD: 0  
PROJECT: Construct a C-130 corrosion control facility. (Current Mission)  
REQUIREMENT: An adequately sized, environmentally safe facility is required to perform depot-level corrosion control on C-130 aircraft. This facility must support the periodic depot maintenance (PDM) as well as the annual recurring drop-in C-130 aircraft requirements.  
CURRENT SITUATION: C-130 aircraft corrosion control capacity at Hill AFB is inadequate to accommodate the current and projected work load. Hill AFB has been forced to contract out C-130 aircraft corrosion control work because the existing facility is used 3 shifts-per-day, 7 days a week. Contracting out work requires added preparation and transport time thus decreasing the time aircraft are available to support the C-130 mission. In FY97 with a workload of 48 PDM and 24 drop-in aircraft, eleven aircraft had to be contracted out for stripping and painting at an additional cost of \$350,000. Projected work load will require a total of 35 aircraft to be contracted out at a cost of \$1,225,000 per year. No residual capacity is available for scheduled maintenance of the facility or the associated corrosion control equipment.  
IMPACT IF NOT PROVIDED: There will continue to be a shortfall in C-130 corrosion control capacity at Hill AFB. Corrosion control work will continue to be contracted out, cost for depot-level work will increase,

1. COMPONENT	FY 2001 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
AIR FORCE		

3. INSTALLATION AND LOCATION  
HILL AIR FORCE BASE, UTAH

4. PROJECT TITLE	5. PROJECT NUMBER
C-130 CORROSION CONTROL FACILITY(WORKING CAPITAL FUND)	KRSM993014

and additional time delays will occur in returning mission ready aircraft to flying status.

ADDITIONAL: This project meets the criteria/scope specified in Air Force Handbook 32-1084, "Facility Requirements." An economic analysis has been prepared comparing the alternatives of new construction, outsourcing, and status quo operation. Based on the net present values and benefits of the respective alternatives, new construction was found to be the most cost efficient over the life of the project. The requirement for this project was validated by the Joint Service Depot Maintenance Industrial Military Construction Review on 20 May 98. Base Civil Engineer: Col Per Korslund , (801) 777-3071. C-130 Corrosion Control Facility: 6900SM = 74,244SF.

1. COMPONENT	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AIR FORCE	(computer generated)	

3. INSTALLATION AND LOCATION

HILL AIR FORCE BASE, UTAH

4. PROJECT TITLE	5. PROJECT NUMBER
C-130 CORROSION CONTROL FACILITY (WORKING CAPITAL FUND)	KRSM993014

12. SUPPLEMENTAL DATA:

a. Estimated Design Data:

- (1) Project to be accomplished by design-build procedures
- (2) Basis:
  - (a) Standard or Definitive Design - NO
  - (b) Where Design Was Most Recently Used - N/A
- (3) Design Allowance 825
- (3a) Construction Contract Award Date 00 DEC
- (4) Construction Start 01 JUL
- (5) Construction Completion 03 SEP
- (6) Energy Study/Life-Cycle analysis was/will be performed Y

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

EQUIPMENT NOMENCLATURE	PROCURING APPROPRIATION	FISCAL YEAR APPROPRIATED OR REQUESTED	COST (\$000)
INITIAL OUTFITTING EQUIPMENT	DMAG	FY2001	6120

1. COMPONENT		FY 2001 MILITARY CONSTRUCTION PROGRAM (computer generated)								2. DATE	
AIR FORCE											
3. INSTALLATION AND LOCATION				4. COMMAND				5. AREA CONST COST INDEX			
LANGLEY AIR FORCE BASE, VIRGINIA				AIR COMBAT COMMAND				0.92			
6. PERSONNEL STRENGTH		PERMANENT			STUDENTS			SUPPORTED			TOTAL
		OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV	
a. As of 30 SEP 99		2031	6567	1687				58	107	254	10,704
b. End FY 2005		2030	6560	1687				58	107	254	10,696
7. INVENTORY DATA (\$000)											
a. Total Acreage: ( 3,152)											
b. Inventory Total As Of: (30 SEP 99) 2,820,299											
c. Authorization Not Yet In Inventory: 0											
d. Authorization Requested In This Program: 7,470											
e. Authorization Included In Following Program: (FY 2002) 7,800											
f. Planned In Next Three Program Years: 33,009											
g. Remaining Deficiency: 47,013											
h. Grand Total: 2,915,591											
8. PROJECTS REQUESTED IN THIS PROGRAM: FY 2001											
CATEGORY						COST		DESIGN STATUS			
<u>CODE</u>		<u>PROJECT TITLE</u>				<u>SCOPE</u>		<u>(\$000)</u>		<u>START</u> <u>CMPL</u>	
721-312		DORMITORY				96 RM		7,470		JAN 00 SEP 00	
						TOTAL:		7,470			
9a. Future Projects: Included in the Following Program (FY 2002)											
721-312		DORMITORY (96 RM)				96 RM		7,800			
						TOTAL:		7,800			
9b. Future Projects: Typical Planned Next Three Years:											
113-321		REPAIR EAST PARKING APRON				60,892 SM		13,509			
721-312		DORMITORY (96 RM)				96 RM		7,900			
740-674		ADD TO AND ALTER FITNESS CENTER				4,520 SM		11,600			
10. Mission or Major Functions: Headquarters Air Combat Command; a fighter wing with three F-15 fighter squadrons; a C-21 unit; an air intelligence group; and the USAF Doctrine Center.											
11. Outstanding pollution and safety (OSHA) deficiencies:											
a. Air pollution: 0											
b. Water pollution: 81,000											
c. Occupational safety and health: 3,300											
d. Other Environmental: 0											
12. Real Property Maintenance Backlog This Installation 34,169											

1. COMPONENT		FY 2001 MILITARY CONSTRUCTION PROJECT DATA		2. DATE	
AIR FORCE		(computer generated)			
3. INSTALLATION AND LOCATION			4. PROJECT TITLE		
LANGLEY AIR FORCE BASE, VIRGINIA			DORMITORY (96 RM)		
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST (\$000)		
2.75.96	721-312	MUHJ013001	7,470		
9. COST ESTIMATES					
ITEM		U/M	QUANTITY	UNIT COST	COST (\$000)
DORMITORY (96 RM)		SM	3,168	1,525	4,831
SUPPORTING FACILITIES					2,240
UTILITIES		LS			( 380)
PAVEMENTS		LS			( 365)
SITE IMPROVEMENTS		LS			( 270)
SPECIAL FOUNDATION (PILING)		LS			( 275)
UPGRADE OF INFRASTRUCTURES		LS			( 950)
SUBTOTAL					7,071
TOTAL CONTRACT COST					7,071
SUPERVISION, INSPECTION AND OVERHEAD (5.7%)					403
TOTAL REQUEST					7,474
TOTAL REQUEST (ROUNDED)					7,470
10. Description of Proposed Construction: Three-story dormitory with pile foundation and floor slabs, masonry walls, and sloped roofs. Includes room-bath/kitchen-room modules, laundry rooms, storage, lounge areas, site preparation, and all other supporting facilities. Also includes upgrade of existing infrastructure (electrical, water, sewage, and storm drainage) to support this and follow-on deficit dormitories. Air Conditioning: 300 KW. Grade Mix: 96 E1-E4.					
11. REQUIREMENT: 1,427 RM ADEQUATE: 760 RM SUBSTANDARD: 0 PROJECT: Construct a dormitory. (Current Mission) REQUIREMENT: A major Air Force objective is to provide unaccompanied enlisted personnel with housing conducive to their proper rest, relaxation, and personal well-being. Properly designed and furnished quarters providing some degree of individual privacy are essential to the successful accomplishment of the increasingly complicated and important jobs these people must perform. This project is in accordance with the Air Force Dormitory Master Plan. CURRENT SITUATION: As verified by the Air Force Dormitory Master Plan, the base has insufficient facilities to adequately accommodate permanent party unaccompanied enlisted personnel required to live on-base per Air Force policy. The current dormitory area is adjacent to the dining facility, base recreation facilities, and was the site of World War II barracks which have been demolished. This dormitory and the follow-on dormitories require upgrades to the infrastructure for area development. This will require an increase in electrical load, water, and relocation of a sewage lift station, and the construction of a storm water retention pond. The current site is crossed by two roads, one of which will be					

1. COMPONENT AIR FORCE	FY 2001 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
3. INSTALLATION AND LOCATION LANGLEY AIR FORCE BASE, VIRGINIA		
4. PROJECT TITLE DORMITORY (96 RM)	5. PROJECT NUMBER MUHJ013001	
<p>demolished, and the second rerouted around the dormitory area. These upgrades will provide a modern dormitory area.</p> <p><u>IMPACT IF NOT PROVIDED:</u> Adequate living quarters will continue to be unavailable, resulting in degradation of morale, productivity, and career satisfaction for unaccompanied enlisted personnel. Lowered morale will contribute to retention difficulties for the Air Force.</p> <p><u>ADDITIONAL:</u> This project meets the criteria/scope specified in the new uniform barracks construction standard known as "one-plus-one," established by OSD. All known alternative 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. A Certificate of Exception has been prepared. FY 1998 Unaccompanied Housing RPM Conducted: \$406K. FY 1999 Unaccompanied Housing RPM Conducted: \$1,021K. Future Unaccompanied Housing RPM requirements (estimated): FY00:\$424K; FY01: \$433K; FY02: \$443K; FY03: \$453K. Base Civil Engineer: Lt Col Ed Keith (757)-764-2025 Dormitory: 3,168 SM = 34,100 SF</p>		

1. COMPONENT	FY 2001 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
AIR FORCE		
3. INSTALLATION AND LOCATION		
LANGLEY AIR FORCE BASE, VIRGINIA		
4. PROJECT TITLE		5. PROJECT NUMBER
DORMITORY (96 RM)		MUHJ013001
12. SUPPLEMENTAL DATA: Design, Bid, Build		
a. Estimated Design Data:		
(1) Status:		
(a) Date Design Started		00 JAN 15
(b) Parametric Cost Estimates used to develop costs		Y
* (c) Percent Complete as of Jan 2000		1%
* (d) Date 35% Designed.		00 MAR 15
(e) Date Design Complete		00 SEP 01
(f) Energy Study/Life-Cycle analysis was/will be performed		Y
(2) Basis:		
(a) Standard or Definitive Design -		YES
(b) Where Design Was Most Recently Used -		LANGLEY
(3) Total Cost (c) = (a) + (b) or (d) + (e): (\$000)		
(a) Production of Plans and Specifications		448
(b) All Other Design Costs		224
(c) Total		672
(d) Contract		560
(e) In-house		112
(3a) Construction Contract Award Date		01 JAN
(4) Construction Start		01 MAR
(5) Construction Completion		02 SEP
*		
b. Equipment associated with this project will be provided from other appropriations: N/A		

1. COMPONENT	FY 2001 MILITARY CONSTRUCTION PROGRAM (computer generated)									2. DATE
AIR FORCE										
3. INSTALLATION AND LOCATION	4. COMMAND						5. AREA CONST COST INDEX			
MCCHORD AIR FORCE BASE, WASHINGTON	AIR MOBILITY COMMAND						1.08			
6. PERSONNEL STRENGTH	PERMANENT			STUDENTS			SUPPORTED			TOTAL
	OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV	
a. As of 30 SEP 99	446	3122	960				3	3	152	4,686
b. End FY 2005	441	3094	961				3	3	152	4,654
7. INVENTORY DATA (\$000)										
a. Total Acreage:	( 4,639)									
b. Inventory Total As Of:	(30 SEP 99)									2,445,314
c. Authorization Not Yet In Inventory:										0
d. Authorization Requested In This Program:										10,250
e. Authorization Included In Following Program:	(FY 2002)									0
f. Planned In Next Three Program Years:										26,605
g. Remaining Deficiency:										67,400
h. Grand Total:										2,549,569
8. PROJECTS REQUESTED IN THIS PROGRAM: FY 2001										
CATEGORY						COST	DESIGN STATUS			
CODE	PROJECT TITLE				SCOPE	(\$000)	START	Cmpl		
141-753	C-17 SQUADRON OPERATIONS/ AIRCRAFT MAINTENANCE UNIT				3,300 SM	6,500	JAN 99	SEP 00		
211-173	C-17 ADD/ALTER NOSE DOCKS				LS	3,750	JAN 99	SEP 00		
					TOTAL:	10,250				
9a. Future Projects: Included in the Following Program (FY 2002) NONE										
9b. Future Projects: Typical Planned Next Three Years:										
610-000	MISSION SUPPORT CENTER, PH 1				10,698 SM	15,305				
740-674	FITNESS CENTER				3,154 SM	11,300				
10. Mission or Major Functions: An airlift wing with three C-141 squadrons; an Air Force Reserve C-141 associate airlift wing; and the Western Air Defense Sector assigned to the Air National Guard.										
11. Outstanding pollution and safety (OSHA) deficiencies:										
a. Air pollution:									0	
b. Water pollution:									0	
c. Occupational safety and health:									0	
d. Other Environmental:									0	
12. Real Property Maintenance Backlog This Installation									15,131	

1. COMPONENT	FY 2001 MILITARY CONSTRUCTION PROJECT DATA			2. DATE
AIR FORCE	(computer generated)			
3. INSTALLATION AND LOCATION		4. PROJECT TITLE		
MCCHORD AIR FORCE BASE, WASHINGTON		C-17 ADD/ALTER NOSE DOCKS		
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST (\$000)	
4.11.30	211-173	PQWY993051	3,750	

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST (\$000)
C-17 ADD/ALTER NOSE DOCKS				3,066
ADD TO NOSE DOCK	SM	700	1,880	(1,316)
ALTER NOSE DOCK (AFFP)	LS			(1,550)
ALTER CORROSION CONTROL	LS			( 200)
SUPPORTING FACILITIES				489
UTILITIES	LS			( 363)
SITE IMPROVEMENTS	LS			( 70)
PAVEMENTS	LS			( 36)
COMM SUPPORT	LS			( 20)
SUBTOTAL				3,555
TOTAL CONTRACT COST				3,555
SUPERVISION, INSPECTION AND OVERHEAD (5.7%)				203
TOTAL REQUEST				3,758
TOTAL REQUEST (ROUNDED)				3,750

10. Description of Proposed Construction: Add/alter nose dock 1164: Reinforced concrete foundation and floor slab. Steel frame with metal panel siding and roof. Extend fire suppression/detection, electrical, and mechanical systems and necessary support. Alter corrosion control hangar 1178: Includes altering a corrugated steel door by installing a "soft closure" opening and alter fire suppression system.  
Air Conditioning: 7 KW.

11. REQUIREMENT: As required.  
PROJECT: C-17 add/alter nose docks. (New Mission)  
REQUIREMENT: Adequately sized and configured maintenance facilities are required to support the beddown of 48 C-17 aircraft at McChord AFB. Covered space is required for aircraft jacking, inspection, repair and maintenance of C-17 aircraft.  
CURRENT SITUATION: C-17 aircraft and support equipment required to work on the aircraft cannot physically fit into the existing C-141 nose dock and a C-141 corrosion control hangar. The existing nose dock is too shallow to accommodate the larger C-17 aircraft. A 700 square meter addition is required to allow the doors to be closed behind the aircraft wings. The overhead structural trusses of the existing C-141 corrosion control hangar are not high enough to accommodate the "T-Tail" of the C-17 and it is not cost effective to raise them. The doors of the facility must be modified to provide a "soft closure" around the C-17 fuselage.  
IMPACT IF NOT PROVIDED: Adequate aircraft maintenance operations cannot be performed on the C-17 aircraft. It will not be possible to meet the aircraft utilization rates of the 48 assigned C-17 aircraft unless this project is accomplished.

1. COMPONENT AIR FORCE	FY 2001 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE																										
3. INSTALLATION AND LOCATION MCCHORD AIR FORCE BASE, WASHINGTON																												
4. PROJECT TITLE C-17 SQUADRON OPERATIONS/ AIRCRAFT MAINTENANCE UNIT	5. PROJECT NUMBER POWY013051																											
<p>12. SUPPLEMENTAL DATA:</p> <p>a. Estimated Design Data: <span style="float: right;">Design, Bid, Build</span></p> <p>(1) Status:</p> <table border="0" style="width: 100%;"> <tr> <td style="padding-left: 20px;">(a) Date Design Started</td> <td style="text-align: right;">99 JAN 26</td> </tr> <tr> <td style="padding-left: 20px;">(b) Parametric Cost Estimates used to develop costs</td> <td style="text-align: right;">Y</td> </tr> <tr> <td style="padding-left: 20px;">* (c) Percent Complete as of Jan 2000</td> <td style="text-align: right;">15%</td> </tr> <tr> <td style="padding-left: 20px;">* (d) Date 35% Designed.</td> <td style="text-align: right;">00 JAN 30</td> </tr> <tr> <td style="padding-left: 20px;">(e) Date Design Complete</td> <td style="text-align: right;">00 SEP 15</td> </tr> <tr> <td style="padding-left: 20px;">(f) Energy Study/Life-Cycle analysis was/will be performed</td> <td style="text-align: right;">Y</td> </tr> </table> <p>(2) Basis:</p> <table border="0" style="width: 100%;"> <tr> <td style="padding-left: 20px;">(a) Standard or Definitive Design -</td> <td style="text-align: right;">YES</td> </tr> <tr> <td style="padding-left: 20px;">(b) Where Design Was Most Recently Used -</td> <td style="text-align: right;">MCCHORD</td> </tr> </table> <p>(3) Total Cost (c) = (a) + (b) or (d) + (e): <span style="float: right;">(\$000)</span></p> <table border="0" style="width: 100%;"> <tr> <td style="padding-left: 20px;">(a) Production of Plans and Specifications</td> <td style="text-align: right;">310</td> </tr> <tr> <td style="padding-left: 20px;">(b) All Other Design Costs</td> <td style="text-align: right;">138</td> </tr> <tr> <td style="padding-left: 20px;">(c) Total</td> <td style="text-align: right;">448</td> </tr> <tr> <td style="padding-left: 20px;">(d) Contract</td> <td style="text-align: right;">345</td> </tr> <tr> <td style="padding-left: 20px;">(e) In-house</td> <td style="text-align: right;">103</td> </tr> </table> <p>(3a) Construction Contract Award Date <span style="float: right;">01 MAR</span></p> <p>(4) Construction Start <span style="float: right;">01 APR</span></p> <p>(5) Construction Completion <span style="float: right;">02 MAY</span></p> <p>* Indicates completion of Project Definition with Parametric Cost Estimate which is comparable to traditional 35% design to ensure valid scope and cost and executability.</p> <p>b. Equipment associated with this project will be provided from other appropriations: N/A</p>			(a) Date Design Started	99 JAN 26	(b) Parametric Cost Estimates used to develop costs	Y	* (c) Percent Complete as of Jan 2000	15%	* (d) Date 35% Designed.	00 JAN 30	(e) Date Design Complete	00 SEP 15	(f) Energy Study/Life-Cycle analysis was/will be performed	Y	(a) Standard or Definitive Design -	YES	(b) Where Design Was Most Recently Used -	MCCHORD	(a) Production of Plans and Specifications	310	(b) All Other Design Costs	138	(c) Total	448	(d) Contract	345	(e) In-house	103
(a) Date Design Started	99 JAN 26																											
(b) Parametric Cost Estimates used to develop costs	Y																											
* (c) Percent Complete as of Jan 2000	15%																											
* (d) Date 35% Designed.	00 JAN 30																											
(e) Date Design Complete	00 SEP 15																											
(f) Energy Study/Life-Cycle analysis was/will be performed	Y																											
(a) Standard or Definitive Design -	YES																											
(b) Where Design Was Most Recently Used -	MCCHORD																											
(a) Production of Plans and Specifications	310																											
(b) All Other Design Costs	138																											
(c) Total	448																											
(d) Contract	345																											
(e) In-house	103																											

1. COMPONENT AIR FORCE	FY 2001 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
3. INSTALLATION AND LOCATION MCCHORD AIR FORCE BASE, WASHINGTON		
4. PROJECT TITLE C-17 ADD/ALTER NOSE DOCKS	5. PROJECT NUMBER PQWY993051	
<p>ADDITIONAL: This project does meet the criteria/scope specified in Air Force Handbook 32-1084, "Facility Requirements." A preliminary analysis of reasonable options for accomplishing this project was done. It indicates that adding to existing facilities will meet operational requirements. Because of this a full economic analysis was not performed. A certificate of exception has been prepared. BASE CIVIL ENGINEER: Lt Col Bryan Bodner, (253) 984-2294. Add/Alter Nose Dock: 700 SM = 7,525 SF</p>		

1. COMPONENT	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AIR FORCE	(computer generated)	
3. INSTALLATION AND LOCATION		
MCCHORD AIR FORCE BASE, WASHINGTON		
4. PROJECT TITLE	5. PROJECT NUMBER	
C-17 ADD/ALTER NOSE DOCKS	PQWY993051	
12. SUPPLEMENTAL DATA:		
a. Estimated Design Data:	Design, Bid, Build	
(1) Status:		
(a) Date Design Started	99 JAN 26	
(b) Parametric Cost Estimates used to develop costs	Y	
* (c) Percent Complete as of Jan 2000	35%	
* (d) Date 35% Designed.	00 JAN 30	
(e) Date Design Complete	00 SEP 15	
(f) Energy Study/Life-Cycle analysis was/will be performed	Y	
(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	249	
(b) All Other Design Costs	124	
(c) Total	373	
(d) Contract	310	
(e) In-house	63	
(3a) Construction Contract Award Date	01 MAR	
(4) Construction Start	01 APR	
(5) Construction Completion	02 MAY	
* Indicates completion of Project Definition with Parametric Cost Estimate which is comparable to traditional 35% design to ensure valid scope and cost and executability.		
b. Equipment associated with this project will be provided from other appropriations: N/A		

1. COMPONENT	FY 2001 MILITARY CONSTRUCTION PROGRAM (computer generated)										2. DATE
AIR FORCE											
3. INSTALLATION AND LOCATION					4. COMMAND					5. AREA CONST	
MCCHORD AIR FORCE BASE, WASHINGTON					AIR MOBILITY COMMAND					COST INDEX 1.08	
6. PERSONNEL	PERMANENT			STUDENTS			SUPPORTED				
STRENGTH	OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV	TOTAL	
a. As of 30 SEP 99	446	3122	960				3	3	152	4,686	
b. End FY 2005	441	3094	961				3	3	152	4,654	
7. INVENTORY DATA (\$000)											
a. Total Acreage: ( 4,639)											
b. Inventory Total As Of: (30 SEP 99) 2,445,314											
c. Authorization Not Yet In Inventory: 0											
d. Authorization Requested In This Program: 10,250											
e. Authorization Included In Following Program: (FY 2002) 0											
f. Planned In Next Three Program Years: 26,605											
g. Remaining Deficiency: 67,400											
h. Grand Total: 2,549,569											
8. PROJECTS REQUESTED IN THIS PROGRAM: FY 2001											
CATEGORY	CODE	PROJECT TITLE	SCOPE	COST (\$000)	DESIGN	STATUS	START	Cmpl			
141-753		C-17 SQUADRON OPERATIONS/ AIRCRAFT MAINTENANCE UNIT	3,300 SM	6,500	JAN 99	SEP 00					
211-173		C-17 ADD/ALTER NOSE DOCKS	LS	3,750	JAN 99	SEP 00					
				TOTAL:	10,250						
9a. Future Projects: Included in the Following Program (FY 2002) NONE											
9b. Future Projects: Typical Planned Next Three Years:											
610-000		MISSION SUPPORT CENTER, PH 1	10,698 SM	15,305							
740-674		FITNESS CENTER	3,154 SM	11,300							
10. Mission or Major Functions: An airlift wing with three C-141 squadrons; an Air Force Reserve C-141 associate airlift wing; and the Western Air Defense Sector assigned to the Air National Guard.											
11. Outstanding pollution and safety (OSHA) deficiencies:											
a. Air pollution: 0											
b. Water pollution: 0											
c. Occupational safety and health: 0											
d. Other Environmental: 0											
12. Real Property Maintenance Backlog This Installation 15,131											

1. COMPONENT	FY 2001 MILITARY CONSTRUCTION PROJECT DATA (computer generated)			2. DATE
AIR FORCE				
3. INSTALLATION AND LOCATION	4. PROJECT TITLE			
MCCHORD AIR FORCE BASE, WASHINGTON	C-17 SQUADRON OPERATIONS/ AIRCRAFT MAINTENANCE UNIT			
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST (\$000)	
4.11.30	141-753	PQWY013051	6,500	
9. COST ESTIMATES				
ITEM	U/M	QUANTITY	UNIT COST	COST (\$000)
C-17 SQUADRON OPERATIONS/AIRCRAFT MAINTENANCE UNIT	SM	3,300	1,465	4,835
SUPPORTING FACILITIES				1,359
UTILITIES	LS			( 530)
PAVEMENTS	LS			( 404)
SITE IMPROVEMENTS	LS			( 300)
ELEVATOR	EA	1	125,000	( 125)
SUBTOTAL				6,194
TOTAL CONTRACT COST				6,194
SUPERVISION, INSPECTION AND OVERHEAD (5.7%)				353
TOTAL REQUEST				6,547
TOTAL REQUEST (ROUNDED)				6,500
10. Description of Proposed Construction: Two-story facility with concrete foundation, masonry walls, structural steel frame, sloping roof system, fire protection system, utilities, elevator, site improvements and parking, and necessary support. Air Conditioning: 65 KW.				
11. REQUIREMENT: 13,666 SM ADEQUATE: 10,366 SM SUBSTANDARD: 1,429 SM PROJECT: Construct a squadron operations/aircraft maintenance unit facility. (New Mission) REQUIREMENT: This project is required to consolidate Air Mobility Command operational squadrons by collocating aircraft operators with aircraft maintainers. This is the last of four Sq Ops/AMU facilities required to house the C-17/C-141 squadrons. Squadrons will operate a combination of 48 C-17/C-141s until all 48 C-17s arrive by FY04. The consolidation relocates flyers and maintainers out of undersized, interim, and dispersed facilities into a functional and adequately sized structure. Space is required for Sq Ops/AMU management support, briefing/debriefing, flight planning, training and testing, tool rooms, standardization/evaluation, locker rooms, flying/ground safety, bench stock, mobility office, scheduling, and a technical order library. These efficiencies are essential to maintain AMC mission tasking rates. CURRENT SITUATION: There are no adequate facilities to support the fourth consolidated Sq Ops/AMU operations at McChord AFB. Currently, there are three operations and three maintenance facilities in use. These facilities are too small to house a fourth Sq Ops/AMU. The operations personnel are working in an overcrowded, improperly configured facilities far from the squadron maintenance (AMU) personnel on the flightline. The				

1. COMPONENT	FY 2001 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
AIR FORCE		
3. INSTALLATION AND LOCATION		
MCCHORD AIR FORCE BASE, WASHINGTON		
4. PROJECT TITLE	5. PROJECT NUMBER	
C-17 SQUADRON OPERATIONS/ AIRCRAFT MAINTENANCE UNIT	PQWY013051	
<p>supporting AMU occupies an overcrowded, improperly configured, and temporary modular facility approved for use only until the completion of this project. The associated squadron life support function is shoehorned in with two other squadron life support elements in a single overcrowded facility at a third location on base. This physical separation creates fragmented lines of communications and authority.</p> <p><u>IMPACT IF NOT PROVIDED:</u> Operations, maintenance, and support personnel will remain in separate, undersized, and interim buildings. Essential squadron operations and logistic functions will continue to require extensive work-arounds that will degrade mission performance. Temporary modular facilities marginally support the flightline maintenance unit and experience extensive wear and tear and associated maintenance costs.</p> <p><u>ADDITIONAL:</u> This project does meet the criteria/scope specified in Air Force Handbook 32-1084, "Facility Requirements." A preliminary analysis of reasonable options for accomplishing this project was done. It indicates new construction is the only option that will meet operational requirements. Because of this, a full economic analysis was not performed. A certificate of exception has been prepared. BASE CIVIL ENGINEER: Lt Col Bryan Bodner, (253) 984-2294. Squadron Operations/AMU Facility: 3,300 SM = 35,521 SF</p>		

1. COMPONENT	FY 2001 MILITARY CONSTRUCTION PROGRAM (computer generated)									2. DATE
AIR FORCE										
3. INSTALLATION AND LOCATION	F E WARREN AIR FORCE BASE, WYOMING			4. COMMAND	SPACE COMMAND			5. AREA CONST	COST INDEX	
								1.01		
6. PERSONNEL STRENGTH	PERMANENT			STUDENTS			SUPPORTED			TOTAL
	OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV	
a. As of 30 SEP 99	523	2887	461				1	1	72	3,945
b. End FY 2005	524	2786	482				1	1	72	3,866
7. INVENTORY DATA (\$000)										
a. Total Acreage:	( 5,866)									
b. Inventory Total As Of:	(30 SEP 99)									201,788
c. Authorization Not Yet In Inventory:										0
d. Authorization Requested In This Program:										25,720
e. Authorization Included In Following Program:	(FY 2002)									8,400
f. Planned In Next Three Program Years:										10,213
g. Remaining Deficiency:										33,659
h. Grand Total:										279,780
8. PROJECTS REQUESTED IN THIS PROGRAM: FY 2001										
CATEGORY						COST	DESIGN STATUS			
CODE	PROJECT TITLE			SCOPE		(\$000)	START	CMPL		
141-454	COMMAND AND CONTROL SUPPORT FACILITY			5,110 SM		10,200	TURN KEY			
212-216	MMIII MISSILE SERVICE COMPLEX			9,000 SM		15,520	JAN 99	SEP 00		
						TOTAL:	25,720			
9a. Future Projects: Included in the Following Program (FY 2002)										
740-674	FITNESS CENTER			5,051 SM		8,400				
						TOTAL:	8,400			
9b. Future Projects: Typical Planned Next Three Years:										
871-183	UPGRADE STORM SEWER SYSTEM			LS		10,213				
10. Mission or Major Functions: Headquarters Twentieth Air Force; an AFSPC missile wing consisting of one Peacekeeper and three Minuteman III intercontinental ballistic missile squadrons with UH-1 aircraft.										
11. Outstanding pollution and safety (OSHA) deficiencies:										
a. Air pollution:										0
b. Water pollution:										4,000
c. Occupational safety and health:										0
d. Other Environmental:										2,702
12. Real Property Maintenance Backlog This Installation										49,348

1. COMPONENT		FY 2001 MILITARY CONSTRUCTION PROJECT DATA (computer generated)		2. DATE	
AIR FORCE					
3. INSTALLATION AND LOCATION			4. PROJECT TITLE		
F.E. WARREN AIR FORCE BASE, WYOMING			COMMAND AND CONTROL SUPPORT FACILITY		
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST(\$000)		
3.59.06	141-454	GHLN983004	10,200		
9. COST ESTIMATES					
ITEM		U/M	QUANTITY	UNIT COST	COST (\$000)
COMMAND AND CONTROL SUPPORT FACILITY		SM	5,110		6,792
OPERATIONS AND ADMINISTRATIVE AREA		SM	2,820	1,310	( 3,694)
MOBILE EQUIPMENT OPERATIONS AREA		SM	2,290	1,353	( 3,098)
SUPPORTING FACILITIES					2,889
UTILITIES		LS			( 1,020)
PAVEMENTS		LS			( 650)
SITE IMPROVEMENTS		LS			( 250)
BACKUP POWER GENERATION		LS			( 300)
SECURITY FENCE/LIGHTS		LS			( 500)
SENSITIVE COMPARTMENTED AREA		SM	470	360	( 169)
SUBTOTAL					9,681
TOTAL CONTRACT COST					9,681
SUPERVISION, INSPECTION AND OVERHEAD (5.7%)					552
TOTAL REQUEST					10,233
TOTAL REQUEST (ROUNDED)					10,200
10. Description of Proposed Construction: Reinforced concrete footings, grade beams, floor slabs, steel frame, masonry/prefinished metal walls, prefinished steel roof, sensitive compartmented information facility (SCIF) area, fencing, intrusion detection systems, paved approach and parking for approximately 60 military vehicles, and all necessary support. Air Conditioning: 450 KW.					
11. REQUIREMENT: 5,110 SM ADEQUATE: 0 SUBSTANDARD: 0 PROJECT: Construct a command and control support facility. (New Mission) REQUIREMENT: This facility is required to support the permanent beddown of the 4th Command and Control Squadron (CACs) and continued readiness of the Mobile Consolidated Command System (MCCS) at FE Warren AFB. The 4th CACS and MCCS provide sustainment, mobility, and operations and maintenance in support of the Joint Chief of Staff directed US Space Command Mobile Command and Control Center. This mission was relocated from its temporary location at Peterson AFB to FE Warren AFB due to strategic safeguard requirements. Maintenance, operations, and training areas are needed to provide in-garrison support for this survivable mobile command center. A secure facility is also needed to conduct testing, training, and exercises. The Wyoming Air National Guard will provide unit personnel as part of the total Air Force concept. CURRENT SITUATION: No adequate facilities exist at FE Warren AFB or the Cheyenne, Wyoming Air National Guard to permanently support this mission. In order to disperse strategic command and control assets, the MCCS was relocated to FE Warren AFB during the summer of 1999 in an existing temporary facility that provides only 2,230 square meters which is 40% of the required scope. This facility is located approximately 300 feet from					

1. COMPONENT	FY 2001 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
AIR FORCE		

3. INSTALLATION AND LOCATION

F.E. WARREN AIR FORCE BASE, WYOMING

4. PROJECT TITLE	5. PROJECT NUMBER
COMMAND AND CONTROL SUPPORT FACILITY	GHLN983004

the base boundary and lacks security fencing, cameras, clear zones, alarms, and proper entry control. Operational security of this classified mission is degraded due to close proximity to the base boundary and off-base residences. In addition, proper physical security for the priority asset is a concern.

IMPACT IF NOT PROVIDED: The 4th CACS will not have adequate facilities to conduct their mission. Workarounds and waivers will continue to degrade the security and maintenance of this mission. Testing, training, and exercises will continue to be negatively impacted.

ADDITIONAL: There is no criteria/scope for this project in Air Force Handbook 32-1084, "Facility Requirements" or in Part II of Military Handbook 1190, "Facility Planning and Design Guide." Space requirements are based on a study done by an Architectural Engineering firm. Base Civil Engineer: Lt Col Carlos Cruz-Gonzalez, (307) 775-3600. Operations and Administrative Area: 2,820SM = 30,343SF; Mobile Equipment Operations Area: 2,290SM = 24,640.

1. COMPONENT AIR FORCE	FY 2001 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
3. INSTALLATION AND LOCATION F.E. WARREN AIR FORCE BASE, WYOMING		
4. PROJECT TITLE COMMAND AND CONTROL SUPPORT FACILITY	5. PROJECT NUMBER GHLN983004	
12. SUPPLEMENTAL DATA:  a. Estimated Design Data:  (1) Project to be accomplished by design-build procedures  (2) Basis: (a) Standard or Definitive Design - NO (b) Where Design Was Most Recently Used - N/A  (3) Design Allowance 510 (3a) Construction Contract Award Date 00 NOV (4) Construction Start 01 FEB  (5) Construction Completion 02 AUG  (6) Energy Study/Life-Cycle analysis was/will be performed Y  b. Equipment associated with this project will be provided from other appropriations: N/A		

1. COMPONENT	FY 2001 MILITARY CONSTRUCTION PROGRAM (computer generated)									2. DATE
AIR FORCE										
3. INSTALLATION AND LOCATION	4. COMMAND			5. AREA CONST COST INDEX						
F E WARREN AIR FORCE BASE, WYOMING	AIR FORCE			1.01						
	SPACE COMMAND									
6. PERSONNEL STRENGTH	PERMANENT			STUDENTS			SUPPORTED			TOTAL
	OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV	
a. As of 30 SEP 99	523	2887	461				1	1	72	3,945
b. End FY 2005	524	2786	482				1	1	72	3,866
7. INVENTORY DATA (\$000)										
a. Total Acreage:	( 5,866)									
b. Inventory Total As Of:	(30 SEP 99)									201,788
c. Authorization Not Yet In Inventory:										0
d. Authorization Requested In This Program:										25,720
e. Authorization Included In Following Program:	(FY 2002)									8,400
f. Planned In Next Three Program Years:										10,213
g. Remaining Deficiency:										33,659
h. Grand Total:										279,780
8. PROJECTS REQUESTED IN THIS PROGRAM: FY 2001										
CATEGORY						COST	DESIGN STATUS			
CODE	PROJECT TITLE	SCOPE			(\$000)	START	Cmpl			
141-454	COMMAND AND CONTROL SUPPORT FACILITY	5,110 SM			10,200	TURN KEY				
212-216	MMIII MISSILE SERVICE COMPLEX	9,000 SM			15,520	JAN 99	SEP 00			
					TOTAL:	25,720				
9a. Future Projects: Included in the Following Program (FY 2002)										
740-674	FITNESS CENTER	5,051 SM			8,400					
					TOTAL:	8,400				
9b. Future Projects: Typical Planned Next Three Years:										
871-183	UPGRADE STORM SEWER SYSTEM	LS			10,213					
10. Mission or Major Functions: Headquarters Twentieth Air Force; an AFSPC missile wing consisting of one Peacekeeper and three Minuteman III intercontinental ballistic missile squadrons with UH-1 aircraft.										
11. Outstanding pollution and safety (OSHA) deficiencies:										
a. Air pollution:									0	
b. Water pollution:									4,000	
c. Occupational safety and health:									0	
d. Other Environmental:									2,702	
12. Real Property Maintenance Backlog This Installation									49,348	

1. COMPONENT		FY 2005 MILITARY CONSTRUCTION PROJECT DATA		2. DATE	
AIR FORCE		(computer generated)			
3. INSTALLATION AND LOCATION			4. PROJECT TITLE		
F. E. WARREN AIR FORCE BASE, WYOMING			MMIII MISSILE SERVICE COMPLEX		
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST (\$000)		
3.59.96	212-216	GHLN973001	15,520		
9. COST ESTIMATES					
ITEM		U/M	QUANTITY	UNIT COST	COST (\$000)
MMIII MISSILE SERVICE COMPLEX		SM	9,000		12,155
MISSILE SERVICE SHOPS		SM	6,936	1,350	( 9,364)
ADMINISTRATIVE		SM	2,064	1,352	( 2,791)
SUPPORTING FACILITIES			1		2,540
UTILITIES		LS			( 650)
SITE IMPROVEMENTS		LS			( 310)
PAVEMENTS		LS			( 1,565)
DEMOLITION		SM	170	88	( 15)
SUBTOTAL					14,695
TOTAL CONTRACT COST					14,695
SUPERVISION, INSPECTION AND OVERHEAD (5.7%)					838
TOTAL REQUEST					15,533
TOTAL REQUEST (ROUNDED)					15,520
10. Description of Proposed Construction: Reinforced concrete foundation and floor slab, concrete masonry walls, sloped steel roof deck. Includes electronics laboratory, vehicle and equipment staging, van configuration support, training and office areas, asphalt pavement, vehicle electrical hookups, and all necessary support. Demolish one facility (170 SM). Air Conditioning: 610 KW.					
11. REQUIREMENT: 9,884 SM ADEQUATE: 0 SUBSTANDARD: 8,566 SM PROJECT: Construct a minuteman three (MM III) missile service complex. (Current Mission) REQUIREMENT: This facility will provide a modern, efficient space to perform missile component repair, technical training, and administrative functions. START Treaties I and II require the number of ICBM multiple re-entry vehicles (MRVs) be reduced and the missiles deactivated. As a result, missile service operations will increase significantly over the next several years because of the requirement to convert warheads to single re-entry vehicles. The reduction in the ICBM arsenal will require missiles remaining on alert be provided additional maintenance to maintain an effective strategic deterrent. CURRENT SITUATION: Currently, the MMIII missile service functions are performed in five separate buildings. Three of these buildings were constructed in 1909 and are on the National Historic Register. Altering these buildings to consolidate and improve efficiency is not physically possible. The HVAC systems are worn out and inadequate. Lighting in the buildings, especially in the service areas is poor and electrical overloads cause frequent circuit failure. Antiquated and worn out plumbing often clogs and needs to be replaced. Floor drains in the					

1. COMPONENT AIR FORCE	FY 2005 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
3. INSTALLATION AND LOCATION F. E. WARREN AIR FORCE BASE, WYOMING		
4. PROJECT TITLE MMIII MISSILE SERVICE COMPLEX	5. PROJECT NUMBER GHLN973001	
<p>equipment service bays are not equipped with pollution prevention devices which is a violation of local board of public utilities pretreatment regulations. Vehicle and equipment engine exhaust removal systems are inadequate and under powered. During maintenance operations, thick diesel exhaust is visible in service bays if bay doors are closed. The lack of fire suppression systems, alarm pull stations, fire barriers, and the use of non-fire rated materials has resulted in Fire Safety Deficiency violations in each of the existing structures. The layout of the existing shops is inefficient for the maintenance teams. On a daily basis, all personnel must make stops at three different buildings to pick up supplies, equipment, technical orders and other data prior to traveling to the missile sites. Large electrical cables used to supply power to equipment in the electronics laboratory are exposed and present a safety hazard.</p> <p><u>IMPACT IF NOT PROVIDED:</u> Personnel will be forced to continue working in inadequate facilities with safety and fire code deficiencies. Additional manhours are necessary to satisfy mission requirements due to poor functional layout of the individual buildings, as well as having similar functions physically separated. Vital and costly mission essential equipment may be damaged due to additional handling and/or servicing in inadequate service shop areas.</p> <p><u>ADDITIONAL:</u> This project meets the criteria/scope specified in Air Force Handbook 32-1084, "Facility Requirements." An economic analysis has been prepared comparing the alternatives of new construction, revitalization, and status quo operation. Based on the net present values and benefits of the respective alternatives, new construction was found to be the most cost efficient over the life of the project. Base Civil Engineer: Lt Col Carlos Cruz-Gonzalez, (307) 775-3600. Missile Service Shops: 6,936SM = 74,631SF. Administrative: 2,064SM = 22,208SF.</p>		

1. COMPONENT	FY 2001 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
AIR FORCE		
3. INSTALLATION AND LOCATION		
F. E. WARREN AIR FORCE BASE, WYOMING		
4. PROJECT TITLE		5. PROJECT NUMBER
MMIII MISSILE SERVICE COMPLEX		GHLN973001
12. SUPPLEMENTAL DATA:		
a. Estimated Design Data:		<b>Design, Bid, Build</b>
(1) Status:		
(a) Date Design Started		99 JAN 22
(b) Parametric Cost Estimates used to develop costs		Y
* (c) Percent Complete as of Jan 2000		15%
* (d) Date 35% Designed.		99 DEC 20
(e) Date Design Complete		00 SEP 20
(f) Energy Study/Life-Cycle analysis was/will be performed		Y
(2) Basis:		
(a) Standard or Definitive Design -		
(b) Where Design Was Most Recently Used -		
(3) Total Cost (c) = (a) + (b) or (d) + (e): (\$000)		
(a) Production of Plans and Specifications		930
(b) All Other Design Costs		465
(c) Total		1395
(d) Contract		1165
(e) In-house		230
(3a) Construction Contract Award Date		00 NOV
(4) Construction Start		01 FEB
(5) Construction Completion		03 JAN
* Indicates completion of Project Definition with Parametric Cost Estimate which is comparable to traditional 35% design to ensure valid scope and cost and executability.		
b. Equipment associated with this project will be provided from other appropriations: N/A		

1. COMPONENT		FY 2001 MILITARY CONSTRUCTION PROGRAM (computer generated)						2. DATE			
AIR FORCE											
3. INSTALLATION AND LOCATION				4. COMMAND			5. AREA CONST COST INDEX				
CLASSIFIED LOCATION							0.00				
6. PERSONNEL STRENGTH		PERMANENT			STUDENTS			SUPPORTED			
		OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV	TOTAL
a. As of 30 SEP 99											
b. End FY 2005											
7. INVENTORY DATA (\$000)											
a. Total Acreage: (		0)									
b. Inventory Total As Of: (30 SEP 99)								0			
c. Authorization Not Yet In Inventory:								0			
d. Authorization Requested In This Program:								1,810			
e. Authorization Included In Following Program: (FY 2002)								5,958			
f. Planned In Next Three Program Years:								5,000			
g. Remaining Deficiency:								0			
h. Grand Total:								12,768			
8. PROJECTS REQUESTED IN THIS PROGRAM: FY 2001											
CATEGORY						COST		DESIGN STATUS			
<u>CODE</u>		<u>PROJECT TITLE</u>				<u>SCOPE</u>		<u>(\$000)</u>		<u>START</u> <u>CMPL</u>	
100-000		SPECIAL TACTICAL UNIT DETACHMENT FACILITY				LS		1,810		APR 99 AUG 00	
						TOTAL:		1,810			
9a. Future Projects: Included in the Following Program (FY 2002)											
100-000		SPECIAL TACTICAL UNIT DETACHMENT FACILITY				LS		4,458			
131-132		SBIRS REMOTE GROUND STATION				465 SM		1,500			
						TOTAL:		5,958			
9b. Future Projects: Typical Planned Next Three Years:											
11. Outstanding pollution and safety (OSHA) deficiencies:											
a. Air pollution:								0			
b. Water pollution:								0			
c. Occupational safety and health:								0			
d. Other Environmental:								0			
12. Real Property Maintenance Backlog This Installation								0			

1. COMPONENT	FY 2001 MILITARY CONSTRUCTION PROJECT DATA			2. DATE
AIR FORCE	(computer generated)			
3. INSTALLATION AND LOCATION	4. PROJECT TITLE			
CLASSIFIED	SPECIAL TACTICAL UNIT DETACHMENT FACILITY			
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST (\$000)	
2.72.48	100-000	PAYZ010004	1,810	
9. COST ESTIMATES				
ITEM	U/M	QUANTITY	UNIT COST	COST (\$000)
SPECIAL TACTICAL UNIT DETACHMENT FACILITY	LS			1,810
SUBTOTAL				1,810
TOTAL CONTRACT COST				1,810
TOTAL REQUEST				1,810
TOTAL REQUEST (ROUNDED)				1,810
10. Description of Proposed Construction:				
11. REQUIREMENT: As required.				
REQUIREMENT: Special Access Required.				

1. COMPONENT	FY 2001 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
AIR FORCE		
3. INSTALLATION AND LOCATION		
CLASSIFIED		
4. PROJECT TITLE	5. PROJECT NUMBER	
SPECIAL TACTICAL UNIT DETACHMENT FACILITY	PAYZ010004	
12. SUPPLEMENTAL DATA:		
a. Estimated Design Data:		Design, Bid, Build
(1) Status:		
(a) Date Design Started		99 APR 02
(b) Parametric Cost Estimates used to develop costs		Y
* (c) Percent Complete as of Jan 2000		15%
* (d) Date 35% Designed.		99 DEC 30
(e) Date Design Complete		00 AUG 15
(f) Energy Study/Life-Cycle analysis was/will be performed		
(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		107
(b) All Other Design Costs		56
(c) Total		163
(d) Contract		145
(e) In-house		18
(3a) Construction Contract Award Date		00 DEC
(4) Construction Start		01 JAN
(5) Construction Completion		02 DEC
* Indicates completion of Project Definition with Parametric Cost Estimate which is comparable to traditional 35% design to ensure valid scope and cost and executability.		
b. Equipment associated with this project will be provided from other appropriations: N/A		

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