



Department of the Air Force

Military Construction and Family Housing Program

**Fiscal Year (FY) 2003
Budget Submission**

**Justification Data Submitted to Congress
February 2002**

INDEX

DEPARTMENT OF THE AIR FORCE
MILITARY FAMILY HOUSING
FISCAL YEAR 2003 BUDGET REQUEST

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DEPARTMENT OF THE AIR FORCE
MILITARY FAMILY HOUSING
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1. COMPONENT AIR FORCE		FY 2003 MILITARY CONSTRUCTION PROGRAM					2. DATE				
INSTALLATION AND LOCATION WALMSTROM AIR FORCE BASE. MONTANA			COMMAND: AIR FORCE SPACE COMMAND			5. AREA CONST COST INDEX 1.16					
3. Personnel Strength		PERMANENT			STUDENTS			SUPPORTED			TOTAL
		OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV	
AS OF 30 SEP 01		501	2914)	740	0	0	0	0	0	0	4,155
END FY 2005		501	2911	741)	0	0	0	0	0	0	4,153
7. INVENTORY DATA (\$000)											
Total Acreage:		3,675									
Inventory Total as of : (30 Sep 01)											429,3310
Authorization Not Yet in Inventory:											25,793
Authorization Requested in this Program:											4,723
Authorization Included in the Following Program: (FY 2004)											0
Planned in Next Three Years Program:											16,419
Remaining Deficiency:											0
Grand Total:											476,262
3. PROJECTS REQUESTED IN THIS PROGRAM: (FY 2003)											
CATEGORY				SCOPE				COST DESIGN STATUS			
<u>CODE</u>		<u>PROJECT TITLE</u>			<u>SCOPE</u>			<u>\$,000</u>		<u>START</u>	<u>CMPL</u>
711-142		Replace Family Housing			18 UN			4,723		Jun-01	Jul-02
3a. Future Projects: Included in the Following Program: None (FY 2004)											
3b. Future Projects: Typical Planned Next Three Years: (FY05-07)											
711-142		Replace Family Housing			66 UN			15,233			
711-142		Replace Family Housing			6 UN			1,186			
3c. Real Property Maintenance Backlog This Installation											95,601
IO. Mission or Major Functions: AFSPC strategic missile base supporting a Space wing; a RED HORSE squadron.											

DD Form 1390, 24 Jul 00

1. COMPONENT AIR FORCE	FY 2003 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
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3. INSTALLATION AND LOCATION MALMSTROM AIR FORCE BASE, MONTANA	4. PROJECT TITLE REPLACE MILITARY HOUSING PHASE 6A
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5. PROGRAM ELEMENT 88741	6. CATEGORY CODE 711-142	7. PROJECT NUMBER NZAS014011	8. PROJECT COST (\$000) 4,717
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9. COST ESTIMATE				
ITEM	U/M	QUANTITY	UNIT COST	COST (\$000)
MILITARY FAMILY HOUSING	UN	18	183,833	3,309
SUPPORTING FACILITIES	LS			949
SITE IMPROVEMENTS	LS			(234)
UTILITIES	LS			(280)
STREETS	LS			(185)
LANDSCAPING	LS			(100)
DEMOLITION & ASBESTOS REMOVAL	LS			(150)
SUBTOTAL				4,258
CONTINGENCY (5%)				<u>213</u>
TOTAL CONTRACT COST				4,471
SUPERVISION INSPECTION AND OVERHEAD (6.0%)				<u>246</u>
TOTAL REQUEST				4,717
AREA COST FACTOR	1.16			

10. DESCRIPTION OF PROPOSED CONSTRUCTION: Replace 18 existing military family housing units. Includes construction, site preparation, utilities, streets, landscaping, and community development. Amenities include heating, air conditioning, carpeting, appliances, patios, and privacy fencing. Includes removal of existing units, asbestos, and lead-based paint removal and construction of single car garages.

<u>Paygrade</u>	<u>Bedroom</u>	<u>NSF</u>	<u>GSF</u>	<u>GSM</u>	<u>Project Factor</u>	<u>Cost Per GSM</u>	<u>No Units</u>	<u>(\$000) Total</u>
E1-E6	3	1,615	2,002	186	1.334	732	16	2,905
E7-E9	3	1,800	2,232	207	1.334	732	<u>2</u>	<u>404</u>
							18	3,309

Maximum size: E1-E6/3 Bedroom (1420 NSF/1760 GSF); E7-E-9/3 Bedroom (1650 NSF/2050 GSF)

11. Requirement: 1,949 UN ADEQUATE: 920 UN SUBSTANDARD: 1,029 UN

PROJECT: Replace 18 family housing units, Phase 6A (Current Mission).

REQUIREMENT: Project will provide modern and efficient housing for military members and their families assigned at Malmstrom AFB. All units are required to be upgraded to meet "whole house/neighborhood" standards, current AF housing size standards, and provide a safe, comfortable and appealing living environment comparable to the off-base civilian community. Some infrastructure items require repair or replacement, i.e. electrical wiring, water piping and sanitary drain lines.

1. COMPONENT AIR FORCE	FY 2003 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
3. INSTALLATION AND LOCATION MALMSTROM AIR FORCE BASE, MONTANA		
4. PROJECT TITLE REPLACE MILITARY HOUSING, PHASE 6A	5. PROJECT NUMBER NZAS014011	
<p>CURRENT SITUATION: Units are Family Housing Facility Assesment Level 1. This project replaces 18 military family housing units constructed in 1965. These units are over 35 years old and none of the units meet current AF housing size standards or “whole house/neighborhood” standards. The units show the effects of age and continuous heavy use. The houses have deteriorated to the point where replacement is the most economical alternative. Wiring and fixtures have been identified as not meeting current codes. Wiring is brittle and exposed in many units and is a fire hazard. There are no Ground Fault Circuit Interruptor protection, and outlets lack proper grounding protection. Lighting systems are inefficient and require replacement. Plumbing systems have succumbed to the effects of hard water and corrosion, resulting in severe constriction and pipe leakage. Plumbing fixtures are worn and discolored and require replacing with new items. Housing interiors are inadequate by any modem criteria. Bedrooms are outdated and energy-inefficient. Kitchens lack sufficient storage and counterspace, cabinets are old and unsightly, and countertops and sinks are badly worn. Flooring throughout the units is outdated and contains asbestos. Additionally, the current unit configuration is inefficient resulting in major congestion. The units have no patio or backyard privacy and in all cases the net floor area of the living unit is below the established guidelines for the grade of occupant. Housing also lacks the artic area that is authorized for northern tier installations.</p> <p>IMPACT IF NOT PROVIDED: Air Force members and their families will continue to be housed in inadequate housing units. Low morale and retention problems can be expected since suitable, affordable off-base housing is not readily available. Without this and the subsequent phases of this initiative, Malmstrom's units will continue to deteriorate resulting in escalating operations, maintenance, and repair costs to the Government.</p> <p>ADDITIONAL: This project meets the criteria/scope specified in Part II of Military Handbook 1190, “Facilities Planning and Design Guide” and AFH 32-1084 “Facility Requirements”. The cost of renovating existing units is 78% of the cost to replace these units. A preliminary economic analysis has been prepared comparing the alternatives of new construction, revitalization, leasing and status quo operation. Since this is replacement housing, there will be no increase in the student population or impact on the ability of the local school district to support base dependents. “I have reviewed this document and certify that it is complete and accurate. I have validated the project’s cost estimate and work classification. It has been coordinated with all appropriate agencies and approved by the Installation Commander.” - PHILIP E. RAINFORTH, Lt Col, USAF: Base Civil Engineer, (commercial 406-73 1-61 88).</p>		

1. COMPONENT AIR FORCE	FY 2003 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
3. INSTALLATION AND LOCATION MALMSTROM AIR FORCE BASE, MONTANA		
4. PROJECT TITLE REPLACE MILITARY HOUSING, PHASE 6A	5. PROJECT NUMBER NZAS014011	
12. SUPPLEMENTAL DATA:		
a. Estimated Design Data:	Design/Build	
(1) Status:		
(a) Date Design Started	01 Aug 15	
(b) Parametric Cost Estimate used to develop costs	N	
(c) Percent Complete as of Jan 2002	35	
(d) Date 35% Designed	01 Dec 15	
(e) Date Design Complete	02 May 15	
(f) Energy Study/Life-Cycle analysis was 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):	(\$450)	
(a) Production of Plans and Specifications	450	
(b) All other Design Costs	0	
(c) Total	450	
(d) Contract	450	
(e) In-house		
(4) Construction Start	03Mar	
(5) Construction Completion	04Jun	
b. Equipment associated with this project will be provided from other appropriations: N/A		

MILITARY FAMILY HOUSING JUSTIFICATION		1. DATE OF REPORT Sep-98			2. FISCAL YEAR		REPORT CONTROL SYMBOL DD-A&L(AR)1716		
3. DOD COMPONENT AIR FORCE		4. REPORTING INSTALLATION							
5. DATA AS OF 1998		a. NAME MALMSTROM AFB Phase 6			b. LOCATION MONTANA				
ANALYSIS OF REQUIREMENTS AND ASSETS		CURRENT				PROJECTED			
		OFFICER (a)	E9-E7 (b)	E6-E1 (c)	TOTAL (d)	OFFICER (e)	E9-E7 (f)	E6-E1 (g)	TOTAL (h)
6. TOTAL PERSONNEL STRENGTH		498	182	2,697	3,377	496	177	2,568	3,241
7. PERMANENT PARTY PERSONNEL		498	182	2,697	3,377	496	177	2,568	3,241
8. GROSS FAMILY HOUSING REQUIREMENTS		356	165	1,529	2,050	355	160	1,455	1,970
9. TOTAL UNACCEPTABLY HOUSED (a + b + c)		0	2	16	18				
a. INVOLUNTARILY SEPARATED		0	0	0	0				
b. IN MILITARY HOUSING TO BE DISPOSED/REPLACED		0	2	16	18				
c. UNACCEPTABLE HOUSED IN COMMUNITY		0	0	0	0				
10. VOLUNTARY SEPARATIONS		1	3	18	22	1	3	17	21
11. EFFECTIVE HOUSING REQUIREMENTS		355	162	1,511	2,028	354	157	1,438	1,949
12. HOUSING ASSETS (a + b)		355	142	1,423	1,920	354	155	1,422	1,931
a. UNDER MILITARY CONTROL		258	114	926	1,298	258	132	998	1,388
(1) HOUSED IN EXISTING DOD OWNED/CONTROLLED		258	114	926	1,298	258	114	926	1,298
(2) UNDER CONTRACT/APPROVED						0	18	72	90
(3) VACANT		0	0	0	0				
(4) INACTIVE		0	0	0	0				
b. PRIVATE HOUSING		97	28	497	622	96	23	424	543
(1) ACCEPTABLY HOUSED		97	28	497	622				
(2) ACCEPTABLE VACANT RENTAL		0	0	0	0				
13. EFFECTIVE HOUSING DEFICIT		0	20	88	108	0	2	16	18
14. PROPOSED PROJECT						0	2	16	18
15. REMARKS		Item 12.a.(1): 1029 on-base units are inadequate.							

1. COMPONENT AIR FORCE		FY 2003 MILITARY CONSTRUCTION PROGRAM					2. DATE			
INSTALLATION AND LOCATION HOLLOMAN AIR FORCE BASE NEW MEXICO			COMMAND: AIR COMBAT COMMAND			5. AREA CONST COST INDEX 0.98				
5. Personnel Strength AS OF 30 SEP 01 END FY 2005	PERMANENT			STUDENTS			SUPPORTED			TOTAL
	OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV	
	403	3590	976	181	150	12	26	239	397	
	401	3569	1041	6	34	2	26	239	397	5,715
7. INVENTORY DATA (\$000)										
Total Acreage: 52,073										
Inventory Total as of: (30 Sep 01) 498,602										
Authorization Not Yet in inventory: 0										
Authorization Requested in this Program: 20,161										
Authorization Included in the Following Program: (FY 2004) 0										
Planned in Next Three Years Program: 42,077										
Remaining Deficiency: 0										
Grand Total: 560,8410										
3. PROJECTS REQUESTED IN THIS PROGRAM: (FY 2003)										
CATEGORY							COST DESIGN STATUS			
<u>CODE</u>	<u>PROJECT TITLE</u>			<u>SCOPE</u>		<u>\$,000</u>	<u>START</u>	<u>CMPL</u>		
711-142	Replace Family Housing			101 UN		20,161	Jun-01	Jul-02		
3a. Future Projects: Included in the Following Program: None										
3b. Future Projects: Typical Planned Next Three Years: (FY05-07)										
711-142	Replace Family Housing			120 UN		20,849				
711-142	Replace Family Housing			139 UN		21,228				
3c. Real Property Maintenance Backlog This Installation										97,8713
10. Mission or Major Functions: A fighter wing with 3 squadrons of F-17s, one which conducts all training in the aircraft, a squadron of F-4s and Tornados for German AF training. A space surveillance squadron and an AFMC test group.										

1. COMPONENT AIR FORCE		FY 2003 MILITARY CONSTRUCTION PROJECT DATA			2. DATE			
3. INSTALLATION AND LOCATION HOLLOMAN AIR FORCE BASE, NEW MEXICO				4. PROJECT TITLE REPLACE FAMILY HOUSING				
5. PROGRAM ELEMENT 8874 1		6. CATEGORY CODE 711-142	7. PROJECT NUMBER KWRD043004		8. PROJECT COST (\$000) 20,161			
9. COST ESTIMATE								
ITEM				U/M	QUANTITY	COST (\$000)		
MILITARY FAMILY HOUSING				UN	101	118,980		
SUPPORTING FACILITIES				LS		6,149		
SITE IMPROVEMENTS				LS		(1,500)		
UTILITIES				LS		(1,000)		
STREETS				LS		(1,394)		
LANDSCAPING				LS		(405)		
RECREATION				LS		(850)		
DEMOLITION & ASBESTOS REMOVAL						(1,000)		
SUBTOTAL						18,166		
CONTINGENCY (5%)						908		
TOTAL CONTRACT COST						19,074		
SUPERVISION INSPECTION AND OVERHEAD (5.7%)						1,087		
TOTAL REQUEST						20,161		
AREA COST FACTOR		0.98						
10. DESCRIPTION OF PROPOSED CONSTRUCTION: Replace 101 Family Housing units. Includes demolition, site clearing, replacement/upgrade of utility systems, and roads, and construction multi-plex units with garages. Provides normal amenities to include parking, air conditioning, exterior patios, neighborhood playgrounds and recreation areas.								
<u>Paygrade</u>	<u>Bedroom</u>	<u>NSF</u>	<u>GSF</u>	<u>GSM</u>	<u>Project Factor</u>	<u>Cost Per GSM</u>	<u>No Units</u>	<u>(\$000) Total</u>
E1-E6	3	1,315	1,630	150	0.980	732	51	5,524
E1-E6	4	1,570	1,950	181	0.980	732	50	6,493
							101	12,017
Maximum size: E1-E6/3 Bedroom (1420 NSF/1760 GSF); E1-E-6/4 Bedroom (1790 NSF/2220 GSF);								
11. Requirement: 2,348 UN ADEQUATE: 1,532UN SUBSTANDARD: 816 UN								
<u>PROJECT</u> : Construct Military Family Housing (Current Mission).								
<u>REQUIREMENT</u> : This project is required to provide modern and efficient replacement housing for military members and their dependents stationed at Holloman AFB. All units will meet "whole house" standards and are programmed in accordance with the Housing Community Profile. Replacement housing will provide a safe, comfortable and appealing living environment comparable to the off-base community. This is part of a multi-phase initiative to provide adequate housing for base personnel. The replacement housing will provide a modern kitchen, living room, family room, bedroom and bath configuration with ample interior and exterior storage and a two-car garage. Exterior parking will be provided for a guest vehicle. The basic neighborhood support infrastructure will be upgraded to meet modern housing needs. Neighborhood enhancements will include landscaping, playgrounds and recreation areas..								

1. COMPONENT AIR FORCE	FY 2003 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
3. INSTALLATION AND LOCATION HOLLOMAN AIR FORCE BASE, NEW MEXICO		
4. PROJECT TITLE REPLACE FAMILY HOUSING	5. PROJECT NUMBER KWRD043004	
<p>CURRENT SITUATION: This project replaces 101 housing units constructed in 1953. These 50-year-old houses are showing the effects of age and continuous heavy use. They have had no major upgrades since construction, and do not meet the needs of today's families nor do they provide a modern home environment. Roofs, walls, foundations and exterior pavements require major repair or replacement due to the effects of age and the environment. Windows all have single-pane glazing and are inefficient. Foundation and pavements are showing signs of failure owing to settlement. Plumbing and electrical systems are antiquated and do not meet current standards for efficiency or safety. Housing interiors are generally inadequate by any modern criteria. Laundry rooms are only accessible from the outside. Bedrooms are small and lack adequate closet space. Bathrooms are small, and fixtures are outdated and energy inefficient. Kitchens have inadequate storage and counter space, cabinets are old and countertops are badly worn. Flooring throughout the house is outdated. Many electrical outlets lack adequate grounding protection. Lighting systems throughout the houses are inefficient and require replacement. Heating and air conditioning systems require upgrade and replacement.</p>		
<p>IMPACT IF NOT PROVIDED: Major morale problems will result if this replacement initiative is not supported. Some people will continue to occupy substandard housing while neighbors and friends are in new, replace units. The housing will continue to be occupied until it becomes totally uninhabitable because adequate, affordable off-base housing is not available. Without this initiative, costly piecemeal repairs will continue to be required with no improvement in the quality of life.</p>		
<p>ADDITIONAL: An economic analysis has been prepared comparing the alternatives of new construction, improvement and status quo operation. Based on net present values and benefit of the respective alternatives, new construction was found to be the most cost effective over the life of the project. The SIOH of 5.7% is due to the Army Corp of Engineers is the design/construction agent.</p>		

1. COMPONENT AIR FORCE	FY 2003 MILITARY CONSTRUCTION PROJECT DATA	L. DATE
3. INSTALLATION AND LOCATION HOLLOMAN AIR FORCE BASE, NEW MEXICO		
4. PROJECT TITLE REPLACE FAMILY HOUSING	5. PROJECT NUMBER KWRD043004	
12. SUPPLEMENTAL DATA:		
a. Estimated Design Data:		Design/Build
(1) Status:		
(a) Date Design Started	01 Aug 10	
(b) Parametric Cost Estimate used to develop costs	N	
(c) Percent Complete as of Jan 2002	35	
(d) Date 35% Designed	01 Dec 10	
(e) Date Design Complete	02 May 10	
(f) Energy Study/Life-Cycle analysis was 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):		(\$660)
(a) Production of Plans and Specifications	660	
(b) All other Design Costs	0	
(c) Total	660	
(d) Contract	660	
(e) In-house		
(4) Construction Start	03Mar	
(5) Construction Completion	04Jun	
b. Equipment associated with this project will be provided from other appropriations: N/A		

MILITARY FAMILY HOUSING JUSTIFICATION		1. DATE OF REPORT Jul-01			2. FISCAL YEAR		REPORT CONTROL SYMBOL DD-A&L(AR)1716		
3. DOD COMPONENT AIR FORCE		4. REPORTING INSTALLATION a. NAME HOLLOMAN AFB			b. LOCATION NEW MEXICO				
5. DATA AS OF Mar-01									
ANALYSIS OF REQUIREMENTS AND ASSETS		CURRENT				PROJECTED			
		OFFICER (a)	E9-E7 (b)	E6-E1 (c)	TOTAL (d)	OFFICER (e)	E9-E7 (f)	E6-E1 (g)	TOTAL (h)
6. TOTAL PERSONNEL STRENGTH		403	305	3,265	3,993	401	313	3,256	3,970
7. PERMANENT PARTY PERSONNEL		403	305	3,265	3,993	401	313	3,256	3,970
8. GROSS FAMILY HOUSING REQUIREMENTS		287	261	1,873	2,421	284	269	1,864	2,417
9. TOTAL UNACCEPTABLY HOUSED (a + b + c)		0	0	101	101				
a. INVOLUNTARILY SEPARATED		0	0	0	0				
b. IN MILITARY HOUSING TO BE DISPOSED/REPLACED		0	0	101	101				
c. UNACCEPTABLE HOUSED IN COMMUNITY		0	0	0	0				
10. VOLUNTARY SEPARATIONS		8	9	53	70	8	9	52	69
II. EFFECTIVE HOUSING REQUIREMENTS		279	252	1,829	2,351	278	280	1,812	2,348
12. HOUSING ASSETS (a + b)		278	252	1,748	2,250	276	280	1,711	2,247
a. UNDER MILITARY CONTROL		199	186	1,019	1,395	190	188	983	1,339
(1) HOUSED IN EXISTING DOD OWNED/CONTROLLED		190	186	1,019	1,395	190	186	963	1,339
(2) UNDER CONTRACT/APPROVED						0	0	0	0
(3) VACANT		0	0	0	0				
(4) INACTIVE		0	0	0	0				
b. PRIVATE HOUSING		89	66	700	855	86	74	748	908
(1) ACCEPTABLY HOUSED		89	66	700	855				
(2) ACCEPTABLE VACANT RENTAL		0	0	0	0				
13. EFFECTIVE HOUSING DEFICIT		0	0	101	101	0	0	101	101
14. PROPOSED PROJECT						0	0	101	101
15. REMARKS									
<p>12.a.(1):</p> <p>A Housing Market Analysis completed since publication of the 2000 Family Housing Master Plan identifies a 56 unit surplus - units are inadequate and will be disposed at end of economic life</p> <p>This project replaces 101 of 616 inadequate units that will be required to meet the remaining on-base requirement</p>									

1. COMPONENT AIR FORCE	FY 2003 MILITARY CONSTRUCTION PROJECT DATA (computer generated)			2. DATE
3. INSTALLATION AND LOCATION POPE AIR FORCE EASE, NORTH CAROLINA			4. PROJECT TITLE REPLACE HOUSING MAINTENANCE BLDG	
5. PROGRAM ELEMENT 88741	6. CATEGORY CODE 219-944	7. PROJECT NUMBER TMKH024003	8. PROJECT COST (\$000) 991	
9. COST ESTIMATES				
ITEM	U/M	QUANTITY	UNIT	COST
KOUSING MAINTENANCE BLDG	SM	418	1,332	557
HOUSING MAINT (W/MFH SELF-HELP)	SM	418	1,332	(557)
SUPPORTING FACILITIES	I			336
UTILITIES	LS			(88)
PAVEMENTS	LS			(96)
SITE IMPROVEMENTS	LS			(150:)
LANDSCAPING	LS			(3:)
SUBTOTAL				893
CONTINGENCY (5%)				45
TOTAL CONTRACT COST				938
SUPERVISION, INSPECTION AND OVERHEAD (5.7%)				53
TOTAL REQUEST				991
AREA COST FACTOR	.88			
<p>10. Description of Proposed Construction: Reinforced concrete foundation and floor slab, masonry walls and standing seam metal roof. Interior includes heating, rentilating, air conditioning and fire protection system. Exterior includes sidewalks, parking, driveways, curbs, gutters, signage, pavement markings, lighting, and landscaping.</p>				
<p>11. REQUIREMENT: 418SM ADEQUATE: OSM SUBSTANDARD : 0 SM</p> <p>PROJECT: Construct a 418 SM (4,500 SF) family housing maintenance facility to include the family housing self-help store (current mission).</p> <p>REQUIREMENT: An adequate family housing maintenance facility with military family housing (MPH) self-help store located for ease of access for maintenance personnel and housing residents.</p> <p>CURRENT SITUATION: Pope AFB does not have a housing maintenance facility. The maintenance contractor operates from a temporary wooden facility erected in vicinity of base housing. The self-help store is not located near the housing area and does not adequately support family housing self-help requirements.</p> <p>IMPACT IF NOT PROVIDED: Housing maintenance will continue operations from inadequate temporary facilities, a hardship that results in added cost to government. The inconvenient location of the base self-help store discourages housing residents participation in the program thus, increasing housing maintenance costs and lowering morale.</p> <p>WORK ACCOMPLISHED IN PREVIOUS THREE YEARS: None.</p> <p>WORK PROGRAMMED FOR NEXT THREE YEARS: None.</p> <p>ADDITIONAL: The construction agent for this project is the Army Corps of Engineers. resulting in SIOH costs of 5.7 percent. Base Civil Engineer: Lt Col John R. Cawthorne, (910) 394-2561.</p>				

1. COMPONENT AIR FORCE	FY 2003 MILITARY CONSTRUCTION PROJECT DATA	2. DATE																																				
3. INSTALLATION AND LOCATION POPE AIR FORCE BASE, NORTH CAROLINA																																						
4. PROJECT TITLE REPLACE HOUSING MAINTENANCE BLDG	5. PROJECT NUMBER TMKH024003																																					
12. SUPPLEMENTAL DATA: a. Estimated Design Data: Design/Build <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="padding-left: 20px;">(1) Status:</td> <td></td> </tr> <tr> <td style="padding-left: 40px;">(a) Date Design Started</td> <td style="text-align: right;">01 Aug 20</td> </tr> <tr> <td style="padding-left: 40px;">(b) Parametric Cost Estimate used to develop costs</td> <td style="text-align: right;">N</td> </tr> <tr> <td style="padding-left: 40px;">(c) Percent Complete as of Jan 2002</td> <td style="text-align: right;">35</td> </tr> <tr> <td style="padding-left: 40px;">(d) Date 35% Designed</td> <td style="text-align: right;">01 Dec 15</td> </tr> <tr> <td style="padding-left: 40px;">(e) Date Design Complete</td> <td style="text-align: right;">02 May 10</td> </tr> <tr> <td style="padding-left: 40px;">(f) Energy Study/Life-Cycle analysis was performed;</td> <td></td> </tr> <tr> <td>(2) Basis:</td> <td></td> </tr> <tr> <td style="padding-left: 20px;">(a) Standard or Definitive Design -</td> <td style="text-align: right;">NO</td> </tr> <tr> <td style="padding-left: 20px;">(b) Where design was most recently used -</td> <td style="text-align: right;">N/A</td> </tr> <tr> <td>(3) Total Cost (c) = (a) + (b) or (d) + (e):</td> <td style="text-align: right;">(\$50)</td> </tr> <tr> <td style="padding-left: 20px;">(a) Production of Plans and Specifications</td> <td style="text-align: right;">50</td> </tr> <tr> <td style="padding-left: 20px;">(b) All other Design Costs</td> <td style="text-align: right;">0</td> </tr> <tr> <td style="padding-left: 20px;">(c) Total</td> <td style="text-align: right;">50</td> </tr> <tr> <td style="padding-left: 20px;">(d) Contract</td> <td style="text-align: right;">50</td> </tr> <tr> <td style="padding-left: 20px;">(e) In-house</td> <td></td> </tr> <tr> <td>(4) Construction Start</td> <td style="text-align: right;">03 Mar</td> </tr> <tr> <td>(5) Construction Completion</td> <td style="text-align: right;">04 Jun</td> </tr> </table> b. Equipment associated with this project will be provided from other appropriations: N/A			(1) Status:		(a) Date Design Started	01 Aug 20	(b) Parametric Cost Estimate used to develop costs	N	(c) Percent Complete as of Jan 2002	35	(d) Date 35% Designed	01 Dec 15	(e) Date Design Complete	02 May 10	(f) Energy Study/Life-Cycle analysis was 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):	(\$50)	(a) Production of Plans and Specifications	50	(b) All other Design Costs	0	(c) Total	50	(d) Contract	50	(e) In-house		(4) Construction Start	03 Mar	(5) Construction Completion	04 Jun
(1) Status:																																						
(a) Date Design Started	01 Aug 20																																					
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(2) Basis:																																						
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(d) Contract	50																																					
(e) In-house																																						
(4) Construction Start	03 Mar																																					
(5) Construction Completion	04 Jun																																					

1. COMPONENT AIR FORCE		FY 2003 MILITARY CONSTRUCTION PROGRAM						2. DATE		
INSTALLATION AND LOCATION SEYMOUR JOHNSON AIR FORCE BASE, NORTH CAROLINA				COMMAND: AIR COMBAT COMMAND			5. AREA CONST COST INDEX 0.82			
3. Personnel strength	PERMANENT			STUDENTS			SUPPORTED			TOTAL
	OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV	
AS OF 30 SEP 01	465	3875	788	0	0	0	35	77	170	5,410
END FY 2005	465	3865	777	0	0	0	35	77	170	5,389
7. INVENTORY DATA (\$000)										
Total Acreage: 4,107										
Inventory Total as of : (30 Sep 01)										311,465
Authorization Not Yet in Inventory:										12,083
Authorization Requested in this Program:										18,615
Authorization Included in the Following Program: (FY 2004)										18,963
Planned in Next Three Years Program:										59,151
Remaining Deficiency:										0
Grand Total:										420,277
8. PROJECTS REQUESTED IN THIS PROGRAM: (FY 2003)										
CATEGORY		PROJECT TITLE		SCOPE		COST \$,000		DESIGN STATUS		
CODE						START	C M P L			
'11-142		Replace Family Housing		126 UN		18,615	Jun-01	Jul-02		
9a. Future Projects: Included in the Following Program: (FY2004)										
'11-142		Replace Family Housing		138 UN		18,963				
9b. Future Projects: Typical Planned Next Three Years: (FY05-07)										
'11-142		Replace Family Housing		139 UN		19,340				
'11-142		Replace Family Housing		136 UN		19,692				
'11-142		Replace Family Housing		138 UN		20,119				
9c. Real Property Maintenance Backlog This installation										126,542
0. Mission or Major Functions: A wing with four F-15 fighter squadrons, with two conducting 15E initial qualification training; and an Air Force Reserve Air Refueling Wing with one KC-135R squadron.										

1. COMPONENT AIR FORCE		FY 2003 MILITARY CONSTRUCTION PROJECT DATA			2. DATE
3. INSTALLATION AND LOCATION SEYMOUR JOHNSON AIR FORCE BASE, NORTH CAROLINA			4. PROJECT TITLE REPLACE FAMILY HOUSING PHASE 6		
5. PROGRAM ELEMENT 88741	6. CATEGORY CODE 711-142	7. PROJECT NUMBER VKAG 016002R2	8. PROJECT COST (\$000) 18,615		
9. COST ESTIMATE					
ITEM	U/M	QUANTITY	UNIT COST	COST (\$000)	
MILITARY FAMILY HOUSING	UN	126	85,619	10,788	
SUPPORTING FACILITIES	LS			5,984	
SITE IMPROVEMENTS	LS			(632)	
UTILITIES	LS			(1,225)	
STREETS	LS			(656)	
LANDSCAPING	LS			(241)	
RECREATION	LS			(270)	
DEMOLITION & ASBESTOS REMOVAL	LS			(957)	
OTHER SITE WORK				<u>(2,003)</u>	
SUBTOTAL				16,772	
CONTINGENCY (5%)				<u>839</u>	
TOTAL CONTRACT COST				17,611	
SUPERVISION INSPECTION AND OVERHEAD (5.7%)				<u>1,004</u>	
TOTAL REQUEST				18,615	
AREA COST FACTOR		0.82			
10. DESCRIPTION OF PROPOSED CONSTRUCTION: Replace 126 housing unit, Includes demolition, site clearing, replacement/upgrade of utility systems and roads, construction of town house and duplex housing units and force protection. Provides normal amenities, to include appliances, air conditioning, single car garages, patios, privacy fencing, landscaping, & neighborhood playgrounds. Includes asbestos & lead based paint removal.					
<u>Pavarade</u>	<u>Bedroom</u>	<u>NSF</u>	<u>GSF</u>	<u>GSM</u>	<u>Project Cost Per No (\$000)</u>
F1-E6	2	1,080	1,340	124	<u>0.820</u> <u>732</u> <u>39</u> <u>2,903</u>
E1-E6	3	1,310	1,630	151	<u>0.820</u> <u>732</u> <u>87</u> <u>7,885</u>
					<u>126</u> <u>10,788</u>
Maximumsize: E1-E6/2 Bedroom (1210 NSF/1500 GSF), E1-E6/3 Bedroom (1420 NSF/1760 GSF)					
11. Requirement: 2,532 UN ADEQUATE: 1,274 UN SUBSTANDARD: 1,258 UN					
PROJECT: Replace-Military Family Housing, Phase 6 (Current Mission).					
REQUIREMENT: This project is required to provide modern and efficient replacement housing for military members and their dependents stationed at Seymour-Johnson AFB. All units will meet "whole house" standards and are programmed in accordance with the Housing Community Profile. Replacement housing will provide a safe, comfortable, and appealing living environment comparable to the off-base civilian community. The replacement housing will provide a modern kitchen, living room, family room, and bath configuration with ample interior and exterior storage and a single car attached garage. Exterior parking will be provided for a second vehicle. The base neighborhood support infrastructure will be upgraded to meet modern housing needs. Neighborhood improvements include landscaping and recreation areas. Force protection measures will be incorporated IAW DoD Antiterrorism/Force Protection Standards for Military Family Housing. This is the sixth phase of a multiple phase initiative to provide adequate housing for base.					

1. COMPONENT AIR FORCE	FY 2003 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
3. INSTALLATION AND LOCATION SEYMOUR JOHNSON AIR FORCE BASE, NORTH CAROLINA		
4. PROJECT TITLE REPLACE FAMILY HOUSING, PHASE 6	5. PROJECT NUMBER VKAG 016002R2	
<p><u>CURRENT SITUATION:</u> This project replaces Capehart units that were constructed in 1958. These 43-year old houses are showing the effects of age and continuous heavy use. They have had no major upgrades since construction, and do not meet the needs of today's families, nor do they provide a modern home environment. Walls, foundations and exterior pavements require major repair or replacement due to the effects of age and the environment. Wall insulation is inadequate. Foundations and pavements are showing signs of failure due to settlement. Plumbing and electrical systems are antiquated and do not meet current standards for efficiency or safety. Housing interiors are generally inadequate by any modern criteria. Bedrooms are small and lack adequate closet space. Bathrooms are small and fixtures are outdated. Kitchens have insufficient cabinets, storage and counter space. Cabinets are old and unsightly and countertops and sinks are badly worn. Flooring throughout the house is outdated. Plumbing and electrical systems are outdated and require abnormal maintenance and repair. Electrical circuits do not meet National Electric Code requirements. Lighting systems throughout the houses are inefficient and do not meet modern needs. Heating and air conditioning systems require upgrade or replacement. This project demolishes and replaces 126 units.</p> <p><u>IMPACT IF NOT PROVIDED:</u> Air Force members and their families will continue to live in extremely outdated and unsatisfactory housing. The housing will continue to deteriorate with age, resulting in increased maintenance and repair costs, increased inconvenience to the occupants, and will ultimately become uninhabitable. Piecemeal repairs will continue to be accomplished with little or no substantial improvement in occupant's quality of life. These conditions will have an adverse impact on morale and degrade mission execution.</p> <p><u>ADDITIONAL:</u> This project meets the criteria/scope specified in Part II of Military Handbook 1190, Facility Planning and Design Guide. An economic analysis has been prepared comparing the alternatives of new construction, revitalization, leasing and status quo operation. Based on the net present values and benefits of the respective alternatives, replacement construction was found to be the most cost efficient over the life of the project. Improvement costs represent 96% of the replacement costs for the two bedroom units and 90% of the replacement costs for the three bedroom units. Since this is replacement housing, there will be no increase in the student population or impact on the ability of the local school district to support base dependents. The construction agent for this project is the Army Corps of Engineers resulting in SIOH costs of 5.7%. Base Civil Engineer: Lt Col Rumsey (919) 722-5 14</p>		

1. COMPONENT AIR FORCE	FY 2003 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
3. INSTALLATION AND LOCATION SEYMOUR JOHNSON AIR FORCE BASE, NORTH CAROLINA		
4. PROJECT TITLE REPLACE FAMILY HOUSING, PHASE 6	5. PROJECT NUMBER VKAG 0 16002R2	
12. SUPPLEMENTAL DATA: a. Estimated Design Data: Design/Build (1) Status: <ul style="list-style-type: none"> (a) Date Design Started 01 Aug20 (b) Parametric Cost Estimate used to develop costs N (c) Percent Complete as of Jan 2002 3.5 (d) Date 35% Designed 01 Dec 15 (e) Date Design Complete 02 May 10 (f) Energy Study/Life-Cycle analysis was performed; (2) Basis: <ul style="list-style-type: none"> (a) Standard or Definitive Design - NO (b) Where design was most recently used - N/A (3) Total Cost (c) = (a) + (b) or (d) + (e): (\$840) <ul style="list-style-type: none"> (a) Production of Plans and Specifications 840 (b) All other Design Costs 0 (c) Total 840 (d) Contract 840 (e) In-house (4) Construction Start 03 Mar (5) Construction Completion 04 Jun b. Equipment associated with this project will be provided from other appropriations: N/A		

MILITARY FAMILY HOUSING JUSTIFICATION		1. DATE OF REPORT Ott-00			2. FISCAL YEAR 2003		REPORT CONTROL SYMBOL DD-A&L(AR)1716				
3. DOD COMPONENT AIR FORCE		4. REPORTING INSTALLATION									
5. DATA AS OF 2000		a. NAME SEYMOUR JOHNSON AFB Phase 6			b. LOCATION NORTH CAROLINA						
ANALYSIS OF REQUIREMENTS AND ASSETS				CURRENT				PROJECTED			
				OFFICER (a)	E9-E7 (b)	E6-E1 (c)	TOTAL (d)	OFFICER (e)	E9-E7 (f)	E6-E1 (g)	TOTAL (h)
6. TOTAL PERSONNEL STRENGTH				556	374	3,644	4,574	547	366	3,562	4,497
7. PERMANENT PARTY PERSONNEL				556	374	3,644	4,574	547	366	3,562	4,497
8. GROSS FAMILY HOUSING REQUIREMENTS				392	323	1,925	2,640	384	318	1,894	2,596
9. TOTAL UNACCEPTABLY HOUSED (a + b + c)				0	0	126	126				
a. INVOLUNTARILY SEPARATED				0	0	0	0				
b. IN MILITARY HOUSING TO BE DISPOSED/REPLACED				0	0	126	126				
c. UNACCEPTABLE HOUSED IN COMMUNITY				0	0	0	0				
10. VOLUNTARY SEPARATIONS				4	9	52	65	4	9	51	64
1. EFFECTIVE HOUSING REQUIREMENTS				388	314	1,873	2,575	380	309	1,843	2,532
2. HOUSING ASSETS (a + b)				388	314	1,747	2,449	380	309	1,717	2,406
a. UNDER MILITARY CONTROL				155	183	1,225	1,563	155	183	1,225	1,563
(1) HOUSED IN EXISTING DOD OWNED/CONTROLLED				155	183	1,225	1,563	155	183	1,225	1,563
(2) UNDER CONTRACT/APPROVED								0	0	0	0
(3) VACANT							0				
(4) INACTIVE							0				
b. PRIVATE HOUSING				233	131	522	886	225	126	492	843
(1) ACCEPTABLY HOUSED				233	131	522	886				
(2) ACCEPTABLE VACANT RENTAL				0	0	0	0				
3. EFFECTIVE HOUSING DEFICIT				0	0	126	126	0	0	126	126
4. PROPOSED PROJECT								0	0	126	126
5. REMARKS											
Item 12.a.(1): 1258 on base units are inadequate.											

1. COMPONENT AIR FORCE		FY 2003 MILITARY CONSTRUCTION PROGRAM					2. DATE			
INSTALLATION AND LOCATION GRAND FORKS AIR FORCE BASE NORTH DAKOTA			COMMAND: AIR MOBILITY COMMAND			5. AREA CONST COST INDEX 1.01				
6. Personnel Strength AS OF 30 SEP 01 END FY 2005	PERMANENT			STUDENTS			SUPPORTED			TOTAL
	OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV	
	312	2399	549				1	1	58	
	307	2353	550				1	1	58	3,270
7. INVENTORY DATA (\$000)										
Total Acreage:		5,422								
Inventory Total as of : (30 Sep 01)										396,986
Authorization Not Yet in Inventory:										0
Authorization Requested in this Program:										30,140
Authorization Included in the Following Program: (FY 2004)										30,560
Planned in Next Three Years Program:										95,327
Remaining Deficiency:										0
Grand Total:										553,013
8. PROJECTS REQUESTED IN THIS PROGRAM: (FY2003)										
CATEGORY		PROJECT TITLE		SCOPE		COST \$		DESIGN		STATUS
CODE						\$,000	START		CMPL	
711-142		Replace Family Housing		150 UN		30,140	Jun-01		Jul-02	
9a. Future Projects: Included in the Following Program: (FY 2004)										
711-142		Replace Family Housing		150 UN		30,560				
9b. Future Projects: Typical Planned Next Three Years: (FY05-07)										
711-142		Replace Family Housing		152 UN		31,169				
711-142		Replace Family Housing		152 UN		31,735				
711-142		Replace Family Housing		152 UN		32,423				
9c. Real Property Maintenance Backlog This Installation										234,112
10. Mission and Major Functions: An air refueling wing with four KC-135 squadrons.										

1. COMPONENT AIR FORCE	FY 2003 MILITARY CONSTRUCTION PROJECT DATA				2. DATE					
3. INSTALLATION AND LOCATION GRAND FORKS AIR FORCE BASE, NORTH DAKOTA			4. PROJECT TITLE REPLACE FAMILY HOUSING PHASE F							
5. PROGRAM ELEMENT 88741	6. CATEGORY CODE 711-142	7. PROJECT NUMBER JFSD990078R2	8. PROJECT COST (\$000) 30,140							
9. COST ESTIMATE										
ITEM	U/M	QUANTITY	UNIT COST	COST (\$000)						
MILITARY FAMILY HOUSING	UN	150	159,333	23,900						
SUPPORTING FACILITIES	LS			3,257						
SITE IMPROVEMENTS	LS			(448)						
UTILITIES	LS			(632)						
STREETS	LS			(483)						
RECREATION	LS			(544)						
DEMOLITION & ASBESTOS REMOVAL	LS			(472)						
GARAGES	LS			(678)						
SUBTOTAL				27,157						
CONTINGENCY (5%)				1,358						
TOTAL CONTRACT COST				28,515						
SUPERVISION INSPECTION AND OVERHEAD (5.7%)				1,625						
TOTAL REQUEST				30,140						
AREA COST FACTOR	1.01									
10. DESCRIPTION OF PROPOSED CONSTRUCTION: Replace 150 housing units. Site work improvements include underground utilities, parking, landscaping, patios, privacy fencing, and community improvements. Amenities include energy efficiency, heating, air conditioning, floor coverings, attached garages, storage, and 5% of the units constructed as handicapped adaptable. Includes demolition of 150 existing units and environmental hazard remediation.										
	<u>Paygrade</u>	<u>Bedroom</u>	<u>NSF</u>	<u>GSF</u>	<u>GSM</u>	<u>Project Factor</u>	<u>Cost GSM</u>	<u>Per Units</u>	<u>No</u>	<u>(\$000)</u>
	E7-E9/W1-O3	3	1,800	2,232	207	1.010	732		96	14,691
	E7-E9/W1-O3	4	2,034	2,522	235	1.010	732		36	6,255
	04-05	3	1,929	2,392	222	1.010	732		<u>18</u>	<u>2,954</u>
									150	23.900
Maximum size: E7-E9/W1-O - 3 Bedroom (1650 NSF/2050 GSF); E7-E9/W1-O3 - 4 Bedroom (2020 NSF/2500 GSF) 04-05 - 3 Bedroom (1850 NSF/2300 GSF)										
11. Requirement: 1,583 UN ADEQUATE: 343UN SUBSTANDARD: 1,240UN										
PROJECT: Replace-Military Family Housing, Phase F (Current Mission).										
REQUIREMENT: Project will provide modern and efficient housing for military members and their families assigned at Grand Forks AFB. All units will meet "whole house/ neighborhood" standards and provide a safe, comfortable, and appealing living environment comparable to the off-base civilian community. Project is programmed in accordance with the Housing Community Plan and Family Housing Master Plan. In accordance with the Air Force Family Housing Guide, 5% will be constructed as handicapped adaptable. Each unit includes additional 28 net square meters (NSM) authorized for recreation space at northern tier bases.										

1. COMPONENT AIR FORCE	FY 2003 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
3. INSTALLATION AND LOCATION GRAND FORKS AIR FORCE BASE, NORTH DAKOTA		
4. PROJECT TITLE REPLACE FAMILY HOUSING, PHASE F	5. PROJECT NUMBER JFSD990078R2	
<p>CURRENT SITUATION: This project replaces houses constructed 1958-1959. The units are undersized, meet none of the "whole house/neighborhood" standards, and show the effects of age and continuous heavy use. They have had no major upgrades since construction and do not meet the needs of today's families. Roofs, walls, foundations and exterior pavements require major repair or replacement owing to the effects of age. Roof structures show signs of rot. Plumbing and electrical systems are antiquated and do not meet current standards for efficiency or safety. Housing interiors are inadequate by any modern criteria. Bedrooms are small and lack closet space. Bathrooms are small, fixtures are outdated and energy-inefficient. Kitchens lack sufficient storage and counter space, cabinets are old and unsightly, and countertops and sinks are badly worn. Flooring throughout the house is outdated and contains asbestos. Outlets lack grounding protection, and there is no Ground Fault Interrupter circuit protection. Lighting systems are inefficient and require replacement, and units have no air conditioning. The units have no patio or backyard privacy. Housing lacks additional 28 net square meters for indoor recreation space authorized at northern tier bases.</p> <p>IMPACT IF NOT PROVIDED: Air Force members and families will continue to be inadequately housed. Low morale and retention problems can be expected since comparable, affordable off-base housing is not available. Units will continue to deteriorate resulting in escalating operations, maintenance and repair costs to the Government.</p> <p>ADDITIONAL: This project meets the criteria/scope specified in Part II of Military Handbook 1190, "Facilities Planning and Design Guide". Since this is replacement housing, there will be no increase in the student population or impact on the ability of the local school district to support base dependents. An economic analysis has been prepared comparing the alternatives of new construction, revitalization, leasing and status quo operation. Based on the net present values and benefits of the respective alternatives, new construction was found to be the most cost efficient over the life of the project. The cost to improve this housing is 75% of the replacement cost. The construction agent for this project is the Army Corps of Engineers resulting in SIOH costs of 5.7%. Base Civil Engineer: Lt Col Joseph Schwaxz, (701) 747-4768.</p>		

1. COMPONENT AIR FORCE	FY 2003 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
3. INSTALLATION AND LOCATION GRAND FORKS AIR FORCE BASE, NORTH DAKOTA		
4. PROJECT TITLE REPLACE FAMILY HOUSING, PHASE F	5. PROJECT NUMBER JFSD990078R2	
12. SUPPLEMENTAL DATA:		
a. Estimated Design Data:		Design/Build
(1) Status:		
(a) Date Design Started		01 Aug 10
(b) Parametric Cost Estimate used to develop costs		N
(c) Percent Complete as of Jan 2002		35
(d) Date 35% Designed		01 Dec 10
(e) Date Design Complete		02 May 10
(f) Energy Study/Life-Cycle analysis was 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):		
(a) Production of Plans and Specifications		1,120
(b) All other Design Costs		0
(c) Total		1,120
(d) Contract		1,120
(e) In-house		
(4) Construction Start		
		03 Mar
(5) Construction Completion		
		04 Jun
b. Equipment associated with this project will be provided from other appropriations: N/A		

MILITARY FAMILY HOUSING JUSTIFICATION		1. DATE OF REPORT Sep-01			2. FISCAL YEAR 2003		REPORT CONTROL SYMBOL DD-A&L(AR)1716		
3. DOD COMPONENT AIR FORCE		4. REPORTING INSTALLATION							
5. DATA AS OF 2001		a. NAME GRAND FORKS AFB Phase F			b. LOCATION NORTH DAKOTA				
ANALYSIS OF REQUIREMENTS AND ASSETS		CURRENT				PROJECTED			
		OFFICER (a)	E9-E7 (b)	E6-E1 (c)	TOTAL (d)	OFFICER (e)	E9-E7 (f)	E6-E1 (g)	TOTAL (h)
6. TOTAL PERSONNEL STRENGTH		312	245	2,152	2,709	307	236	2,093	2,636
7. PERMANENT PARTY PERSONNEL		312	245	2,152	2,709	307	236	2,093	2,636
8. GROSS FAMILY HOUSING REQUIREMENTS		183	218	1,241	1,642	181	211	1,204	1,596
9. TOTAL UNACCEPTABLY HOUSED (a + b + c)		84	66	0	150				
a. INVOLUNTARILY SEPARATED		0	0	0	0				
b. IN MILITARY HOUSING TO BE DISPOSED/REPLACED		84	66	0	150				
c. UNACCEPTABLE HOUSED IN COMMUNITY		0	0	0	0				
10. VOLUNTARY SEPARATIONS		2	2	9	13	2	2	9	13
11. EFFECTIVE HOUSING REQUIREMENTS		181	216	1,232	1,629	179	209	1,195	1,583
12. HOUSING ASSETS (a + b)		354	183	1,445	1,982	95	143	1,195	1,433
a. UNDER MILITARY CONTROL		325	82	966	1,373	66	49	753	868
(1) HOUSED IN EXISTING DOD OWNED/CONTROLLED		325	82	966	1,373	66	49	753	868
(2) UNDER CONTRACT/APPROVED						0	0	0	0
(3) VACANT		0	0	0	0				
(4) INACTIVE		0	0	0	0				
b. PRIVATE HOUSING		29	101	479	609	29	94	442	565
(1) ACCEPTABLY HOUSED		29	101	479	609				
(2) ACCEPTABLE VACANT RENTAL		0	0	0	0				
13. EFFECTIVE HOUSING DEFICIT		(173)	33	(213)	(353)	84	66	0	150
14. PROPOSED PROJECT						84	66	0	150
5. REMARKS									
<p>Item 12.a(1): 1240 on-base units are inadequate.</p> <p>Item 12.a.(1): 280 surplus units are scheduled for demolition.</p> <p>225 surplus units will be demolished when useful life expires.</p>									

1. COMPONENT AIR FORCE		FY 2003 MILITARY CONSTRUCTION PROGRAM					2. DATE				
INSTALLATION AND LOCATION MINOT AIR FORCE BASE, NORTH DAKOTA				COMMAND: AIR COMBAT COMMAND			5. AREA CONST COST INDEX 1.11				
6. Personnel		PERMANENT			STUDENTS			SUPPORTED			TOTAL
Strength		OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV	
AS OF 30 SEP 01		581	4077	886	0	0	0	14	14	121	5,693
END FY 2005		574	4007	877	0	0	0	14	14	121	5,607
7. INVENTORY DATA (\$000)											
Total Acreage:		5,383									
Inventory Total as of : (30 Sep 01)										373,552	
Authorization Not Yet in Inventory:										0	
Authorization Requested in this Program:										21,4213	
Authorization Included in the Following Program: (FY 2004)										42,523	
Planned in Next Three Years Program:										132,647	
Remaining Deficiency:										0	
Grand Total:										570,150	
8. PROJECTS REQUESTED IN THIS PROGRAM: (FY 2003)											
CATEGORY		PROJECT TITLE			SCOPE		COST DESIGN STATUS				
CODE							\$,000 START C M P L				
711-142		Replace Family Housing			112 UN		21,428 Jun-01 Jul-02				
9a. Future Projects: Included in the Following Program: (FY2004)											
711-142		Replace Family Housing			185 UN		42,523				
9b. Future Projects: Typical Planned Next Three Years: (FY05-07)											
711-142		Replace Family Housing			161 UN		37,938				
711-142		Replace Family Housing			22 UN		5,433				
711-142		Replace Family Housing			181 UN		44,159				
'11-142		Replace Family Housing			141 UN		45,117				
9c. Real Property Maintenance Backlog This Installation										283,769	
10. Mission or Major Functions: A bomb wing with one B-52H squadron and an Air Force Space Command missile group with three Minuteman III inter continental ballistic missile squadrons and UH-1 Ns.											

1. COMPONENT AIR FORCE	FY 2003 MILITARY CONSTRUCTION PROJECT DATA				2. DATE																																													
3. INSTALLATION AND LOCATION MINOT AIR FORCE BASE, NORTH DAKOTA			4. PROJECT TITLE REPLACE MILITARY FAMILY HOUSING PHASE 8																																															
5. PROGRAM ELEMENT 88741	6. CATEGORY CODE 711-142	7. PROJECT NUMBER QJVF 029001R2	8. PROJECT COST (\$000) 2,1428																																															
9. COST ESTIMATE																																																		
ITEM	U/M	QUANTITY	UNIT COST	COST (\$000)																																														
MILITARY FAMILY HOUSING	UN	112	152,777	17,111																																														
SUPPORTING FACILITIES	LS			2,196																																														
SITE IMPROVEMENTS	LS			(378)																																														
UTILITIES	LS			(405)																																														
STREETS	LS			(479)																																														
RECREATION	LS			(497)																																														
DEMOLITION & ASBESTOS REMOVAL	LS			(437)																																														
SUBTOTAL				19,307																																														
CONTINGENCY (5%)				<u>965</u>																																														
TOTAL CONTRACT COST				20,272																																														
SUPERVISION INSPECTION AND OVERHEAD (5.7%)				<u>1,156</u>																																														
TOTAL REQUEST				21,428																																														
AREA COST FACTOR		1.11																																																
<p>10. DESCRIPTION OF PROPOSED CONSTRUCTION: Construct 112 housing units with all necessary supporting facilities including: garages, patios, fencing, utilities, air conditioning, appliances, exterior storage, roads, parking, sidewalks, playground, landscaping, and all other necessary support facilities. This project will include demolition of 124 units with 112 new being built.</p> <table style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align:left;"><u>Paygrade</u></th> <th style="text-align:center;"><u>Bedroom</u></th> <th style="text-align:right;"><u>NSF</u></th> <th style="text-align:right;"><u>GSF</u></th> <th style="text-align:right;"><u>GSM</u></th> <th style="text-align:right;"><u>Project Factor</u></th> <th style="text-align:right;"><u>Cost Per GSM</u></th> <th style="text-align:right;"><u>No Units</u></th> <th style="text-align:right;"><u>(\$000) Total</u></th> </tr> </thead> <tbody> <tr> <td>EI-E6</td> <td style="text-align:center;">2</td> <td style="text-align:right;">1,381</td> <td style="text-align:right;">1,712</td> <td style="text-align:right;">159</td> <td style="text-align:right;">1.110</td> <td style="text-align:right;">732</td> <td style="text-align:right;">16</td> <td style="text-align:right;">2,067</td> </tr> <tr> <td>EI-E6</td> <td style="text-align:center;">3</td> <td style="text-align:right;">1,615</td> <td style="text-align:right;">2,002</td> <td style="text-align:right;">186</td> <td style="text-align:right;">1.110</td> <td style="text-align:right;">732</td> <td style="text-align:right;">74</td> <td style="text-align:right;">11,183</td> </tr> <tr> <td>EI-E6</td> <td style="text-align:center;">4</td> <td style="text-align:right;">1,873</td> <td style="text-align:right;">2,322</td> <td style="text-align:right;">216</td> <td style="text-align:right;">1.110</td> <td style="text-align:right;">732</td> <td style="text-align:right;"><u>22</u></td> <td style="text-align:right;"><u>3,861</u></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td style="text-align:right;">112</td> <td style="text-align:right;">17,111</td> </tr> </tbody> </table> <p>Maximum size: E1-E6/2 Bedroom (1210 NSF/1500 GSF), E1-E6/3 Bedroom (1420 NSF/1760 GSF) E 1 -E-6/4 Bedroom (1790 NSF/2220 GSF)</p> <p>11. Requirement: 2,591 UN ADEQUATE: 789 UN SUBSTANDARD: 1,802 UN PROJECT: Replace-Military Family Housing Phase 8 (Current Mission). REQUIREMENT: This project is required to provide modern and efficient housing for military members and their dependents stationed at Minot AFB. All units will be "whole house" improved to provide a safe, comfortable, and appealing living environment comparable to the off-base civilian community. This project is programmed in accordance with the Housing Community Plan. The replacement housing will provide a modern kitchen, living room, and bath configuration with ample interior and exterior storage plus an additional 300 SF per unit to provide an indoor recreation room. Single or double car garages will be provided. Parking will be provided for a second vehicle if a double car garage is not provided. The neighborhood support infrastructure will be upgraded to meet modern housing needs, to include landscaping, playgrounds, and recreation areas.</p>						<u>Paygrade</u>	<u>Bedroom</u>	<u>NSF</u>	<u>GSF</u>	<u>GSM</u>	<u>Project Factor</u>	<u>Cost Per GSM</u>	<u>No Units</u>	<u>(\$000) Total</u>	EI-E6	2	1,381	1,712	159	1.110	732	16	2,067	EI-E6	3	1,615	2,002	186	1.110	732	74	11,183	EI-E6	4	1,873	2,322	216	1.110	732	<u>22</u>	<u>3,861</u>								112	17,111
<u>Paygrade</u>	<u>Bedroom</u>	<u>NSF</u>	<u>GSF</u>	<u>GSM</u>	<u>Project Factor</u>	<u>Cost Per GSM</u>	<u>No Units</u>	<u>(\$000) Total</u>																																										
EI-E6	2	1,381	1,712	159	1.110	732	16	2,067																																										
EI-E6	3	1,615	2,002	186	1.110	732	74	11,183																																										
EI-E6	4	1,873	2,322	216	1.110	732	<u>22</u>	<u>3,861</u>																																										
							112	17,111																																										

1. COMPONENT AIR FORCE	FY 2003 MILITARY CONSTRUCTION PROJECT DATA	L. DATE
3. INSTALLATION AND LOCATION MINOT AIR FORCE BASE, NORTH DAKOTA		
4. PROJECT TITLE REPLACE MILITARY FAMILY HOUSING, PHASE 8	5. PROJECT NUMBER QJVF02900 1 R2	
<p><u>CURRENT SITUATION:</u> This project improves Capehart units built in 1962, which are showing the effects of age and continuous heavy use. They have had no major upgrades since construction, do not meet the needs of today's family, nor do they provide a modern home environment. Kitchens are too narrow and dark, and do not provide adequate cabinet and counter top space. The bathrooms are very small and in poor condition. Bathroom fixtures are outdated and inefficient. Lighting in hallways, bathrooms, and bedrooms is inadequate. The exteriors of these units lack landscaping, off-street parking is severely limited, and traffic flow in and around the housing areas is inefficient.</p> <p><u>IMPACT IF NOT PROVIDED:</u> Air Force members and their families will continue to live in extremely outdated, unsuitable, and unsatisfactory housing. The housing will continue to deteriorate, resulting in increasing and unacceptable maintenance costs, and extreme inconvenience to the occupants. Without this and subsequent phases of the initiative, repairs of these units will continue in a costly, piecemeal fashion, with little or no improvement in living quality. The housing will increasingly become an embarrassment to the occupants as well as the United States Government. Low morale can be expected if such conditions are permitted to continue.</p> <p><u>ADDITIONAL:</u> Units have an average replacement cost of \$152,777 per unit. Improvement cost represents 77% of the replacement cost. An economic analysis has been performed considering improvement, replacement, leasing, and status quo operation. Based on the new present values and benefits of the respective alternatives, reconstruction was found to be the most cost efficient over the life of the project. This project meets the criteria/scope specified in Part II of the Military Handbook 1190, "Facility Planning Design Guide". Since this is replacement housing, there will be no increase in the student population or impact on the local school district to support base dependents. 5.7% Supervision, Inspection, and Overhead (SIOH) is being programmed for Army Corps of Engineers. Base Civil Engineer: Lt Col Les C Martin, (701) 723-3895.</p>		

1. COMPONENT AIR FORCE	FY 2003 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
3. INSTALLATION AND LOCATION MINOT AIR FORCE BASE, NORTH DAKOTA		
4. PROJECT TITLE REPLACE MILITARY FAMILY HOUSING, PHASE 8	5. PROJECT NUMBER QJVF029001R2	
12. SUPPLEMENTAL DATA:		
a. Estimated Design Data:		Design/Build
(1) Status:		
(a) Date Design Started	01 Aug 20	
(b) Parametric Cost Estimate used to develop costs	N	
(c) Percent Complete as of Jan 2002	35	
(d) Date 35% Designed	01 Dec 15	
(e) Date Design Complete	02 May 10	
(f) Energy Study/Life-Cycle analysis was 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):		
(a) Production of Plans and Specifications	(\$860)	
(b) All other Design Costs	860	
(c) Total	0	
(d) Contract	860	
(e) In-house	860	
(4) Construction Start		03Mar
(5) Construction Completion		04Jun
b. Equipment associated with this project will be provided from other appropriations: N/A		

MILITARY FAMILY HOUSING JUSTIFICATION		1. DATE OF REPORT July-01		2. FISCAL YEAR 2003		REPORT CONTROL SYMBOL DD-A&L(AR)1716			
3. DOD COMPONENT AIR FORCE		4. REPORTING INSTALLATION							
5. DATA AS OF 2000		a. NAME MINOT AFB Phase 8		b. LOCATION NORTH DAKOTA					
ANALYSIS OF REQUIREMENTS AND ASSETS		CURRENT			PROJECTED				
		OFFICER (a)	E9-E7 (b)	E6-E1 (c)	TOTAL (d)	OFFICER (e)	E9-E7 (f)	E6-E1 (g)	TOTAL (h)
6. TOTAL PERSONNEL STRENGTH		580	334	3,753	4,667	570	341	3,677	4,588
7. PERMANENT PARTY PERSONNEL		580	334	3,753	4,667	570	341	3,677	4,588
8. GROSS FAMILY HOUSING REQUIREMENTS		407	315	1,925	2,647	397	321	1,906	2,624
9. TOTAL UNACCEPTABLY HOUSED (a + b + c)		0	0	124	124				
a. INVOLUNTARILY SEPARATED		0	0	0	0				
b. IN MILITARY HOUSING TO BE DISPOSED/REPLACED		0	0	124	124				
c. UNACCEPTABLE HOUSED IN COMMUNITY		0	0	0	0				
10. VOLUNTARY SEPARATIONS		5	6	22	33	5	6	22	33
11. EFFECTIVE HOUSING REQUIREMENTS		402	309	1,903	2,614	392	315	1,884	2,591
12. HOUSING ASSETS (a + b)		479	399	1,779	2,567	476	315	1,760	2,551
a. UNDER MILITARY CONTROL		474	264	1,567	2,295	474	254	1,567	2,295
(1) HOUSED IN EXISTING DOD OWNED/CONTROLLED		474	254	1,567	2,295	474	254	1,567	2,295
(2) UNDER CONTRACT/APPROVED						0	0	0	0
(3) VACANT		0	0	0	0				
(4) INACTIVE		0	0	0	0				
b. PRIVATE HOUSING		5	55	212	272	2	61	193	256
(1) ACCEPTABLY HOUSED		5	55	212	272				
(2) ACCEPTABLE VACANT RENTAL		0	0	0	0				
13. EFFECTIVE HOUSING DEFICIT		(77)	0	124	47	(84)	0	124	40
14. PROPOSED PROJECT						0	0	112	112
15. REMARKS									
<p>Item 12.a.(1): 1802 on base units are inadequate.</p> <p>Item 13: 12 additional units will be demolished.</p>									

1. COMPONENT AIR FORCE		FY 2003 MILITARY CONSTRUCTION PROGRAM					2. DATE				
INSTALLATION AND LOCATION MINOT AIR FORCE BASE, NORTH DAKOTA				COMMAND: AIR COMBAT COMMAND			5. AREA CONST COST INDEX 1.11				
6. Personnel		PERMANENT			STUDENTS			SUPPORTED			TOTAL
Strength		OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV	
AS OF 30 SEP 01		581	4077	886	0	0	0	14	14	121	5,693
END FY 2005		574	4007	877	0	0	0	14	14	121	5,607
7. INVENTORY DATA (\$000)											
Total Acreage:		5,383									
Inventory Total as of : (30 Sep 01)										373,552	
Authorization Not Yet in Inventory:										0	
Authorization Requested in this Program:										20,315	
Authorization Included in the Following Program: (FY 2004)										42,523	
Planned in Next Three Years Program:										132,647	
Remaining Deficiency:										0	
Grand Total:										569,037	
6. PROJECTS REQUESTED IN THIS PROGRAM: (FY 2003)											
CATEGORY							COST DESIGN STATUS				
CODE	PROJECT TITLE	SCOPE					\$,000	START	C M P L		
711-142	Replace Family Housing	102 UN					20,315	Jun-01	Jul-02		
9a. Future Projects: Included in the Following Program: (FY2004)											
711-142	Replace Family Housing	185 UN					42,523				
9b. Future Projects: Typical Planned Next Three Years: (FY05-07)											
711-142	Replace Family Housing	161 UN					37,938				
711-142	Replace Family Housing	22 UN					5,433				
711-142	Replace Family Housing	181 UN					44,159				
711-142	Replace Family Housing	141 UN					45,117				
9c. Real Property Maintenance Backlog This Installation										283,769	
10. Mission or Major Functions: A bomb wing with one B-52H squadron and an Air Force Space Command missile group with three Minuteman III inter continental ballistic missile squadrons and UH-1 Ns.											

1. COMPONENT AIR FORCE		FY 2003 MILITARY CONSTRUCTION PROJECT DATA			2. DATE			
3. INSTALLATION AND LOCATION MINOT AIR FORCE BASE, NORTH DAKOTA				4. PROJECT TITLE REPLACE MILITARY FAMILY HOUSING PHASE 9				
5. PROGRAM ELEMENT 88741		6. CATEGORY CODE 711-142	7. PROJECT NUMBER QJVF 039001R2		8. PROJECT COST (\$000) 20,315			
9. COST ESTIMATE								
ITEM					U/M	QUANTITY	UNIT COST	COST (\$000)
MILITARY FAMILY HOUSING					UN	102	157,098	16,049
SUPPORTING FACILITIES					LS			2,255
SITE IMPROVEMENTS					LS			(375)
UTILITIES					LS			(376)
STREETS					LS			(389)
LANDSCAPING					LS			(384)
RECREATION					LS			(329)
DEMOLITION & ASBESTOS REMOVAL					LS			(402)
SUBTOTAL								18,304
CONTINGENCY (5%)								915
TOTAL CONTRACT COST								19,219
SUPERVISION INSPECTION AND OVERHEAD (5.7%)								1,096
TOTAL REQUEST								20,315
AREA COST FACTOR		1.11						
10. DESCRIPTION OF PROPOSED CONSTRUCTION: Construct 102 housing units with all necessary supporting facilities including: garages, patios, fencing, utilities, air conditioning, appliances, exterior storage, roads, parking, sidewalks, playground, landscaping, and all other necessary support facilities. This project will include demolition of 116 units with 102 new being built. Construct 102 housing units with all necessary supporting facilities including: garages, patios, fencing, utilities, air conditioning, appliances, exterior storage, roads, parking, sidewalks, playground, landscaping, and all other necessary support facilities. This project will include demolition of 116 units with 102 new being built.								
<u>Paygrade</u>	<u>Bedroom</u>	<u>NSF</u>	<u>GSF</u>	<u>Project GSM</u>	<u>Cost Per Factor</u>	<u>No GSM</u>	<u>(\$000) Units</u>	<u>Total</u>
E1-E6	3	1,615	2,002	186	1.110	732	76	11,486
E1-E6	4	1,873	2,322	216	1.110	732	26	4,563
							102	16,049
Maximum size: E1-E6/3 Bedroom (1420 NSF/1760 GSF), E1-E6/4 Bedroom (1790 NSF/2220 GSF)								
11. Requirement: 2,591 UN ADEQUATE: 789 UN SUBSTANDARD: 1,802 UN PROJECT: Replace-Military Family Housing Phase 9 (Current Mission).								
REQUIREMENT: This project is required to provide modern and efficient housing for military members and their dependents stationed at Minot AFB. All units will be "whole house" improved to provide a safe, comfortable, and appealing living environment comparable to the off-base civilian community. This project is programmed in accordance with the Housing Community Plan. The replacement housing will provide a modern kitchen, living room and bath configuration with ample interior and exterior storage plus an additional 300 SF per unit to provide an indoor recreation room. Single or double car garages will be provided. Parking will be provided for a second vehicle if a double car garage is not provided. The neighborhood support infrastructure will be upgraded to meet modern housing needs, to include landscaping, playgrounds, and recreation areas.								
CURRENT SITUATION: This project improves Capehart units built in 1962, which are showing the effects of age and continuous heavy use.								

1. COMPONENT AIR FORCE	FY 2003 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
3. INSTALLATION AND LOCATION MINOT AIR FORCE BASE, NORTH DAKOTA		
4. PROJECT TITLE REPLACE MILITARY FAMILY HOUSING, PHASE 9	5. PROJECT NUMBER QJVF 039001R2	
<p>They have had no major upgrades since construction, do not meet the needs of today's family, nor do they provide a modern home environment. Kitchens are too narrow and dark, and do not provide adequate cabinet and counter top space. The bathrooms are very small and in poor condition. Bathroom fixtures are outdated and inefficient. Lighting in hallways, bathrooms, and bedrooms is inadequate. The exteriors of these units lack landscaping, off-street parking is severely limited, and traffic flow in and around the housing areas is inefficient.</p> <p><u>IMPACT IF NOT PROVIDED:</u> Air Force members and their families will continue to live in extremely outdated, unsuitable, and unsatisfactory housing. The housing will continue to deteriorate, resulting in increasing and unacceptable maintenance costs, and extreme inconvenience to the occupants. Without this and subsequent phases of the initiative, repairs of these units will continue in a costly, piecemeal fashion, with little or no improvement in living quality. The housing will increasingly become an embarrassment to the occupants as well as the United States Government. Low morale can be expected if such conditions are permitted to continue.</p> <p><u>ADDITIONAL:</u> Units have an average replacement cost of \$157,343 per unit. Improvement cost represents 77% of the replacement cost. An economic analysis has been performed considering improvement, replacement, leasing, and status quo operation. Based on the new present values and benefits of the respective alternatives, reconstruction was found to be the most cost efficient over the life of the project. This project meets the criteria/scope specified in Part II of the Military Handbook 1190, "Facility Planning Design Guide". Since this is replacement housing, there will be no increase in the student population or impact on the local school district to support base dependents. 5.7% Supervision, Inspection, and Overhead (SIOH) is being programmed for Army Corps of Engineers. Base Civil Engineer: Lt Col Les C Martin, (701) 723-3895.</p>		

1. COMPONENT AIR FORCE	FY 2003 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
3. INSTALLATION AND LOCATION MINOT AIR FORCE BASE, NORTH DAKOTA		
4. PROJECT TITLE REPLACE MILITARY FAMILY HOUSING, PHASE 9	5. PROJECT NUMBER QJVF 039001R2	
12. SUPPLEMENTAL DATA:		
a. Estimated Design Data:		Design/Build
(1) Status:		
(a) Date Design Started	01 Aug 20	
(b) Parametric Cost Estimate used to develop costs	N	
(c) Percent Complete as of Jan 2002	35	
(d) Date 35% Designed	01 Dec 15	
(e) Date Design Complete	02 May 10	
(f) Energy Study/Life-Cycle analysis was 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):		
(a) Production of Plans and Specifications	(\$860)	
(b) All other Design Costs	860	
(c) Total	0	
(d) Contract	860	
(e) In-house		
(4) Construction Start		
		03Mar
(5) Construction Completion		
		04Jun
b. Equipment associated with this project will be provided from other appropriations: N/A		

MILITARY FAMILY HOUSING JUSTIFICATION		1. DATE OF REPORT July-01		2. FISCAL YEAR 2003		REPORT CONTROL SYMBOL DD-A&L(AR)1716			
3. DOD COMPONENT AIR FORCE		4. REPORTING INSTALLATION							
5. DATA AS OF 2000		a. NAME MINOT AFB Phase 9			b. LOCATION NORTH DAKOTA				
ANALYSIS OF REQUIREMENTS AND ASSETS		CURRENT			PROJECTED				
		OFFICER (a)	E9-E7 (b)	E6-E1 (c)	TOTAL (d)	OFFICER (e)	E9-E7 (f)	E6-E1 (g)	TOTAL (h)
5. TOTAL PERSONNEL STRENGTH		560	334	3,753	4,667	570	341	3,677	4,599
7. PERMANENT PARTY PERSONNEL		560	334	3,753	4,667	570	341	3,677	4,588
3. GROSS FAMILY HOUSING REQUIREMENTS		407	315	1,925	2,647	397	321	1,906	2,624
3. TOTAL UNACCEPTABLY HOUSED (a + b + c)		0	0	116	116				
a. INVOLUNTARILY SEPARATED		0	0	0	0				
b. IN MILITARY HOUSING TO BE DISPOSED/REPLACED		0	0	116	116				
c. UNACCEPTABLE HOUSED IN COMMUNITY		0	0	0	0				
0. VOLUNTARY SEPARATIONS		5	6	22	33	5	6	22	33
1. EFFECTIVE HOUSING REQUIREMENTS		462	309	1,903	2,614	392	315	1,884	2,591
2. HOUSING ASSETS (a + b)		479	309	1,663	2,451	476	315	1,756	2,547
a. UNDER MILITARY CONTROL		474	254	1,451	2,179	474	254	1,563	2,291
(1) HOUSED IN EXISTING DOD OWNED/CONTROLLED		474	254	1,451	2,179	474	254	1,451	2,179
(2) UNDER CONTRACT/APPROVED						0	0	112	112
(3) VACANT		0	0	0	0				
(4) INACTIVE		0	0	0	0				
b. PRIVATE HOUSING		5	55	212	272	2	61	193	256
(1) ACCEPTABLY HOUSED		5	55	212	272				
(2) ACCEPTABLE VACANT RENTAL		0	0	0	0				
3. EFFECTIVE HOUSING DEFICIT		(77)	0	240	163	(84)	0	128	44
4. PROPOSED PROJECT						0	0	102	102
5. REMARKS									
<p>Item 12.a.(1): 1802 on base units are inadequate.</p> <p>Item 13: 14 additional units will be demolished.</p>									

1. COMPONENT AIR FORCE			FY 2003 MILITARY CONSTRUCTION PROGRAM						2. DATE	
3. INSTALLATION AND LOCATION WHEELER AIR FORCE BASE OKLAHOMA				4. COMMAND: AIR EDUCATION AND TRAINING COMMAND			5. AREA CONST COST INDEX 0.91			
6. Personnel strength	PERMANENT			STUDENTS			SUPPORTED			TOTAL
	OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV	
	AS OF 30 SEP 01	296	404	109				53	1	
IND FY 2005	352	402	108				53	1	3	919
7. INVENTORY DATA (\$000)										
Total Acreage:										3,270
Inventory Total as of : (30 Sep 01)										91,080
Authorization Not Yet in Inventory:										0
Authorization Requested in this Program:										11,423
Authorization Included in the Following Program: (FY 2004)										0
Planned in Next Three Years Program:										12,289
Remaining Deficiency:										0
Grand Total:										114,792
8. PROJECTS REQUESTED IN THIS PROGRAM: (FY 2003)										
9. CATEGORY							COST DESIGN STATUS			
<u>CODE</u>	<u>PROJECT TITLE</u>			<u>SCOPE</u>		<u>\$,000</u>	<u>START</u>	<u>C M P L</u>		
'11-142	Replace Family Housing			59 UN		11,423	Jun-01	Jul-02		
10a. Future Projects: Included in the Following Program: None										
10b. Future Projects: Typical Planned Next Three Years: (FY05-07)										
'11-142	Replace Family Housing			56 UN		12,289				
10c. Real Property Maintenance Backlog This Installation										22,184
11. Mission or Major Functions: A flying training wing which conducts Undergraduate Pilot Training with T-1, T-37, and T-38 aircraft.										

1. COMPONENT AIR FORCE		FY 2003 MILITARY CONSTRUCTION PROJECT DATA			2. DATE			
3. INSTALLATION AND LOCATION VANCE AIR FORCE BASE, OKLAHOMA				4. PROJECT TITLE REPLACE FAMILY HOUSING PHASE 1				
5. PROGRAM ELEMENT 88741		6. CATEGORY CODE 711-142	7. PROJECT NUMBER XTLF044003		8. PROJECT COST (\$000) 11,423			
9. COST ESTIMATE								
ITEM				U/M	QUANTITY	COST (\$000)		
MILITARY FAMILY HOUSING				UN	59	109,712		
SUPPORTING FACILITIES						6,473		
SITE IMPROVEMENTS				LS		3,819		
UTILITIES				LS		(925)		
STREETS				LS		(931)		
RECREATION				LS		(630)		
PATIOS/GARAGES				LS		(899)		
SUBTOTAL						(434)		
CONTINGENCY (5%)						10,292		
TOTAL CONTRACT COST						515		
SUPERVISION INSPECTION AND OVERHEAD (5.7%)						10,807		
TOTAL REQUEST						616		
AREA COST FACTOR				0.91		11,423		
10. DESCRIPTION OF PROPOSED CONSTRUCTION: Demolish and replace 59 housing units with housing that is commensurate with local standards. Each housing unit will include a safe room and all other amenities identified in the Housing Community Plan (HCP). Project to include site development and preparation, force protection, energy conservation, landscaping, supporting infrastructure to include all of the requirements identified in the HCP.								
<u>Paygrade</u>	<u>Bedroom</u>	<u>NSF</u>	<u>GSF</u>	<u>GSM</u>	<u>Project Factor</u>	<u>Cost Per GSM</u>	<u>No Units</u>	<u>(\$000) Total</u>
E1-E6	3	1,315	1,630	150	0.946	732	42	4,391
E1-E6	4	1,570	1,950	181	0.946	732	3	376
E7-E9/W1-O3	3	1,500	1,860	172	0.946	732	12	1,429
E7-E9/W1-O3	4	1,734	2,150	200	0.946	732	2	277
							59	6,473
Maximum size: E1-E6/3 Bedroom (1420 NSF/1760 GSF); E1-E-6/4 Bedroom (1790 NSF/2220 GSF) E7-E9/W1-O3 - 3 Bedroom (1650 NSF/2050 GSF); E7-E9/W1-O3 - 4 Bedroom (2020 NSF/2500 GSF)								
11. Requirement: 573 UN ADEQUATE: 343 UN SUBSTANDARD: 230 UN PROJECT: Replace-Military Family Housing Phase 1 (Current Mission). REQUIREMENT: This project is required to provide modern and efficient housing for Non Commissioned Officers and their dependents stationed at Vance AFB. All units will meet modern housing standards and are programmed in accordance with the HCP. The housing will provide safe, comfortable, and appealing living environment comparable to the off-base civilian community. The design will provide a modern kitchen, living room, family room, Safe room, bedroom and bath configuration, with ample interior and exterior storage. The number of bedrooms will range from three to four. Units will be provided with garages and additional parking will be provided for an additional vehicles and/or visitors. Adequate support infrastructure of roads and utilities will also be provided. The area is sited directly adjacent to the existing Family Housing Area.								

1. COMPONENT AIR FORCE	FY 2003 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
3. INSTALLATION AND LOCATION VANCE AIR FORCE BASE, OKLAHOMA		
4. PROJECT TITLE REPLACE FAMILY HOUSING, PHASE 1	5. PROJECT NUMBER XTFL044003	
<p>CURRENT SITUATION: These existing Capehart housing units were constructed in 1960 and do not meet the Whole House standards and are below current Air Force square footage allowances. Housing interiors are outdated and generally inadequate by modern criteria. The bedrooms are small and lack adequate closet space. While these units have been well maintained and do not have any health or safety deficiencies, the costs associated with adding on to each unit and reconfiguring the interior spaces to meet current standards exceed 70% of the replacement cost. Per Air Force Instruction (AFI) 32-6002, Family Housing Planning, Programming, Design, and Construction replacement should be pursued when the estimated cost exceeds 70% of the estimated replacement cost.</p> <p>IMPACT IF NOT PROVIDED: Residents will continue to live in quarters which do not meet Air Force quality of life standards and the maintenance/utility costs will remain high. Affordable off base housing is not available for our Non-Commissioned Officers due to the large number of officers enrolled in pilot training. Most off base housing units are priced to match the BAH for these officers. For the Non-Commissioned Officer families, the only alternative to living in the existing substandard on-base housing is the expensive off-base housing. This is a major morale and/or financial problem for the affected families.</p> <p>ADDITIONAL: This project meets the criteria/scope specified in Part II of Military Handbook 1190 "Facility Planning and Design Guide." An economic analysis will be prepared comparing the alternatives of new construction and status quo operation. The average cost to improve these housing units is greater than 70% of the replacement cost. Since this is replacement housing, there will be no increase in the student population or impact on the ability of local school district to support base dependents. The construction agent for this project is the Army Corps of Engineers resulting in 5.7% SIOH costs. Base Civil Engineer: Mr. John Cole, (580) 283-7771.</p>		

1. COMPONENT AIR FORCE	FY 2003 MILITARY CONSTRUCTION PROJECT DATA	2. DATE																																				
3. INSTALLATION AND LOCATION VANCE AIR FORCE BASE, OKLAHOMA																																						
4. PROJECT TITLE REPLACE FAMILY HOUSING, PHASE 1	5. PROJECT NUMBER XTFL044003																																					
12. SUPPLEMENTAL DATA: a. Estimated Design Data: Design/Build <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="padding-left: 20px;">(1) Status:</td> <td></td> </tr> <tr> <td style="padding-left: 40px;">(a) Date Design Started</td> <td style="text-align: right;">01 Aug 10</td> </tr> <tr> <td style="padding-left: 40px;">(b) Parametric Cost Estimate used to develop costs</td> <td style="text-align: right;">N</td> </tr> <tr> <td style="padding-left: 40px;">(c) Percent Complete as of Jan 2002</td> <td style="text-align: right;">35</td> </tr> <tr> <td style="padding-left: 40px;">(d) Date 35% Designed</td> <td style="text-align: right;">01 Dec 10</td> </tr> <tr> <td style="padding-left: 40px;">(e) Date Design Complete</td> <td style="text-align: right;">02 May 10</td> </tr> <tr> <td style="padding-left: 40px;">(f) Energy Study/Life-Cycle analysis was performed;</td> <td></td> </tr> <tr> <td>(2) Basis:</td> <td></td> </tr> <tr> <td style="padding-left: 20px;">(a) Standard or Definitive Design -</td> <td style="text-align: right;">NO</td> </tr> <tr> <td style="padding-left: 20px;">(b) Where design was most recently used -</td> <td style="text-align: right;">N/A</td> </tr> <tr> <td>(3) Total Cost (c) = (a) + (b) or (d) + (e):</td> <td style="text-align: right;">(\$600)</td> </tr> <tr> <td style="padding-left: 20px;">(a) Production of Plans and Specifications</td> <td style="text-align: right;">600</td> </tr> <tr> <td style="padding-left: 20px;">(b) All other Design Costs</td> <td style="text-align: right;">0</td> </tr> <tr> <td style="padding-left: 20px;">(c) Total</td> <td style="text-align: right;">600</td> </tr> <tr> <td style="padding-left: 20px;">(d) Contract</td> <td style="text-align: right;">600</td> </tr> <tr> <td style="padding-left: 20px;">(e) In-house</td> <td></td> </tr> <tr> <td>(4) Construction Start</td> <td style="text-align: right;">03Mar</td> </tr> <tr> <td>(5) Construction Completion</td> <td style="text-align: right;">04Jun</td> </tr> </table> b. Equipment associated with this project will be provided from other appropriations: N/A			(1) Status:		(a) Date Design Started	01 Aug 10	(b) Parametric Cost Estimate used to develop costs	N	(c) Percent Complete as of Jan 2002	35	(d) Date 35% Designed	01 Dec 10	(e) Date Design Complete	02 May 10	(f) Energy Study/Life-Cycle analysis was 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):	(\$600)	(a) Production of Plans and Specifications	600	(b) All other Design Costs	0	(c) Total	600	(d) Contract	600	(e) In-house		(4) Construction Start	03Mar	(5) Construction Completion	04Jun
(1) Status:																																						
(a) Date Design Started	01 Aug 10																																					
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(2) Basis:																																						
(a) Standard or Definitive Design -	NO																																					
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(a) Production of Plans and Specifications	600																																					
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(c) Total	600																																					
(d) Contract	600																																					
(e) In-house																																						
(4) Construction Start	03Mar																																					
(5) Construction Completion	04Jun																																					

MILITARY FAMILY HOUSING JUSTIFICATION		1. DATE OF REPORT Apr-97		2. FISCAL YEAR		REPORT CONTROL SYMBOL DD-A&L(AR)1716			
3. DOD COMPONENT AIR FORCE		4. REPORTING INSTALLATION							
5. DATA AS OF 1997		a. NAME VANCE AFB Phase 1		b. LOCATION OKLAHOMA					
ANALYSIS OF REQUIREMENTS AND ASSETS		CURRENT			PROJECTED				
		OFFICER (a)	E9-E7 (b)	E6-E1 (c)	TOTAL (d)	OFFICER (e)	E9-E7 (f)	E6-E1 (g)	TOTAL (h)
6. TOTAL PERSONNEL STRENGTH		535	42	361	936	611	42	363	1.016
7. PERMANENT PARTY PERSONNEL		535	42	361	938	611	42	363	1.016
8. GROSS FAMILY HOUSING REQUIREMENTS		251	41	224	516	307	41	225	573
9. TOTAL UNACCEPTABLY HOUSED (a + b + c)		0	14	45	59				
a. INVOLUNTARILY SEPARATED		0	0	0	0				
b. IN MILITARY HOUSING TO BE DISPOSED/REPLACED		0	14	45	59				
c. UNACCEPTABLE HOUSED IN COMMUNITY		0	0	0	0				
10. VOLUNTARY SEPARATIONS		0	0	0	0	0	0	0	0
1. EFFECTIVE HOUSING REQUIREMENTS		251	41	224	516	307	41	225	573
2. HOUSING ASSETS (a + b)		251	27	179	457	307	27	180	514
a. UNDER MILITARY CONTROL		118	0	53	171	118	0	53	171
(1) HOUSED IN EXISTING DOD OWNED/CONTROLLED		118	0	53	171	118	0	53	171
(2) UNDER CONTRACT/APPROVED						0	0	0	0
(3) VACANT		0	0	0	0				
(4) INACTIVE		0	0	0	0				
b. PRIVATE HOUSING		133	27	126	286	189	27	127	343
(1) ACCEPTABLY HOUSED		133	27	126	286				
(2) ACCEPTABLE VACANT RENTAL		0	0	0	0				
3. EFFECTIVE HOUSING DEFICIT		0	14	45	59	0	14	45	59
4. PROPOSED PROJECT						0	14	45	59
5. REMARKS Item 12.a.(1): 230 on-base units are inadequate.									

1. COMPONENT AIR FORCE			FY 2003 MILITARY CONSTRUCTION PROGRAM					2. DATE			
INSTALLATION AND LOCATION ELLSWORTH AIR FORCE BASE, SOUTH DAKOTA				COMMAND: AIR COMBAT COMMAND			5. AREA CONST COST INDEX 0.91				
6. Personnel		PERMANENT			STUDENTS			SUPPORTED			TOTAL
Strength		OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV	
AS OF 30 SEP 01		345	2899	735	0	0	0	10	27	50	4,06
END FY 2005		341	2975	729	0	0	0	10	27	50	4,13
7. INVENTORY DATA (\$000)											
Total Acreage:		6,395									
Inventory Total as of : (30 Sep 01)											460,67
Authorization Not Yet in Inventory:											24,44
Authorization Requested in this Program:											4,79
Authorization Included in the Following Program:		(FY 2004)									18,95
Planned in Next Three Years Program:											39,01
Remaining Deficiency:											
Grand Total:											547,89
8. PROJECTS REQUESTED IN THIS PROGRAM: (FY 2003)											
CATEGORY							COST DESIGN STATU!				
<u>CODE</u>	<u>PROJECT TITLE</u>	<u>SCOPE</u>					<u>\$.000</u>	<u>START</u>	<u>CMPL</u>		
711-142	Replace Family Housing	22 UN					4,794	Jun-01	Jul-0		
9a. Future Projects: Included in the Following Program: (FY2004)											
711-142	Replace Family Housing	100 UN					18,957				
9b. Future Projects: Typical Planned Next Three Years: (FY05-07)											
711-142	Replace Family Housing	108 UN					19,334				
711-142	Replace Family Housing	98 UN					19,685				
9c. Real Property Maintenance Backlog This Installation										104,09	
10. Mission or Major Functions: A Wing with two B-I squadrons.											

1. COMPONENT AIR FORCE	FY 2003 MILITARY CONSTRUCTION PROJECT DATA				2. DATE			
3. INSTALLATION AND LOCATION ELLSWORTH AIR FORCE BASE, SOUTH DAKOTA			4. PROJECT TITLE REPLACE FAMILY HOUSING PHASE 2					
5. PROGRAM ELEMENT 88741	6. CATEGORY CODE 711-142	7. PROJECT NUMBER FXBM994502B	8. PROJECT COST (\$000) 4,794					
9. COST ESTIMATE								
		U/M	QUANTITY	UNIT COST	COST (\$000)			
MILITARY FAMILY HOUSING		UN	22	110,636	2,434			
SUPPORTING FACILITIES		LS			1,885			
SITE IMPROVEMENTS		LS			(196)			
UTILITIES		LS			(222)			
STREETS		LS			(178)			
LANDSCAPING		LS			(193)			
RECREATION		LS			(125)			
DEMOLITION & ASBESTOS REMOVAL		LS			(624)			
GARAGES		LS			(347)			
SUBTOTAL					4,319			
CONTINGENCY (5%)					<u>216</u>			
TOTAL CONTRACT COST					4,535			
SUPERVISION INSPECTION AND OVERHEAD (5.7%)					<u>259</u>			
TOTAL REQUEST					4,794			
AREA COST FACTOR	0.91							
10. DESCRIPTION OF PROPOSED CONSTRUCTION: Replace 22 housing units. Includes demolition, site clearing, replacement/upgrade of utility systems and roads, design and construct single and duplex family units with basements. Provides normal amenities to include appliances, garages, parking, air conditioning, patios with privacy fencing, neighborhood playgrounds, and recreation areas. Provides fire detection.								
<u>Paygrade</u> E1-E6	<u>Bedroom.</u> 3	<u>NSF</u> 1,315	<u>GSF</u> 1,630	<u>GSM</u> 151	<u>Project Factor</u> 1.001	<u>Cost Per GSM</u> 732	<u>No Units</u> 22	<u>(\$000) Total</u> 2,434
Maximum size: E1 -E6/3 Bedroom (1420 NSF/1 760 GSF)								
II. Requirement: 2,108 UN ADEQUATE: 1,100 UN SUBSTANDARD: 1,008 UN								
<u>PROJECT:</u> Replace-Military Family Housing, Phase 2 (Current Mission).								
<u>REQUIREMENT:</u> This project is required to provide modern and efficient housing for military members and their dependents stationed at Ellsworth AFB. All units will meet "whole house" standards and are programmed in accordance with the Housing Community Plan. Replacement housing will provide a safe, comfortable, and appealing living environment comparable to the off base civilian community. This is the second phase of an initiative to provide adequate housing for base personnel. The replacement housing will provide a modern kitchen, living room family room and bath configuration, with ample interior and exterior storage. A double car garage will be provided. The basic neighborhood support infrastructure will be upgraded to meet modern housing needs. Neighborhood enhancements will include landscaping, playgrounds, and recreation areas. Proper disposal of asbestos and lead-based paint is included. The expansive clay soils require special foundation considerations. AT/FP measures are included.								

1. COMPONENT AIR FORCE	FY 2003 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
3. INSTALLATION AND LOCATION ELLSWORTH AIR FORCE BASE, SOUTH DAKOTA		
4. PROJECT TITLE REPLACE FAMILY HOUSING, PHASE 2	5. PROJECT NUMBER FXBM994502B	
<p>CURRENT SITUATION: This project replaces housing that was constructed in 1949- 1962. They have had no major upgrades or renovation since construction, and do not meet the needs of today's families, nor do they provide a modern home environment. Kitchens are undersized and do not provide adequate cabinet and countertop space. The bathrooms are small and in poor condition. Bathroom fixtures and lighting throughout the houses are outdated and energy inefficient. The exterior of these units lack landscaping and recreation space. There are no garages, and vehicles are subjected to extremely cold winters with no protection from the elements. There is inadequate exterior storage. There is no ground fault circuit interrupter protection as required by current National Electrical building codes. There is no air conditioning. Ellsworth includes neighborhoods as an investment in a quality of life initiative. This initiative is a commitment to the Air Force (AF) mission and an improved sense of community or social cohesion among AF personnel and their families.</p> <p>IMPACT IF NOT PROVIDED: AF members and their families will continue to live in extremely outdated, unsuitable and unsatisfactory housing. This 38 to 51 year old housing will continue to deteriorate with age, resulting in increasing and unacceptable maintenance and repair costs, and extreme inconvenience to the occupants. Without this and subsequent phases of this initiative, repairs will continue in a costly, piecemeal fashion with little or no improvement in occupant quality of life. These deficiencies will continue to adversely affect the morale of all personnel assigned to Ellsworth AFB.</p> <p>ADDITIONAL: This project meets the criteria/scope specified in AFI 32-6002 and Military Handbook 1190. An economic analysis has been prepared comparing the alternatives of new construction, revitalization, leasing and status quo operation. Based on the net present values and benefits of the respective alternatives, the status quo operation was found to be the most cost efficient over the life of the project. However, this alternative is unacceptable because it does not repair the deteriorated structures and would force Air Force personnel to continue to live in inadequate housing. Since this is replacement housing there will be no increase in the student population or impact on the ability of the local school to support base dependents. The construction agent for this project is the Army Corps of Engineers resulting in 5.7% SIOH costs. Base Civil Engineer: Lt Col Richard (605) 385-2658.</p>		

1. COMPONENT AIR FORCE	FY 2003 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
3. INSTALLATION AND LOCATION ELLSWORTH AIR FORCE BASE, SOUTH DAKOTA		
4. PROJECT TITLE REPLACE FAMILY HOUSING, PHASE 2	5. PROJECT NUMBER FXBM994502B	
12. SUPPLEMENTAL DATA: a. Estimated Design Data: Design/Build (1) Status: <ul style="list-style-type: none"> (a) Date Design Started 01 Aug 20 (b) Parametric Cost Estimate used to develop costs N (c) Percent Complete as of Jan 2002 35 (d) Date 35% Designed 01 Dec 15 (e) Date Design Complete 02 May 10 (f) Energy Study/Life-Cycle analysis was performed; (2) Basis: <ul style="list-style-type: none"> (a) Standard or Definitive Design - NO (b) Where design was most recently used - N/A (3) Total Cost (c) = (a) + (b) or (d) + (e): (\$220) <ul style="list-style-type: none"> (a) Production of Plans and Specifications 220 (b) All other Design Costs 0 (c) Total 220 (d) Contract 220 (e) In-house (4) Construction Start 03 Mar (5) Construction Completion 04 Jun b. Equipment associated with this project will be provided from other appropriations: N/A		

MILITARY FAMILY HOUSING JUSTIFICATION		1. DATE OF REPORT Sep-00		2. FISCAL YEAR 2003		REPORT CONTROL SYMBOL DD-A&L(AR)1716			
3. DOD COMPONENT AIR FORCE	4. REPORTING INSTALLATION								
5. DATA AS OF Sep-00	a. NAME ELLSWORTH AFB Phase 2		b. LOCATION SOUTH DAKOTA						
ANALYSIS OF REQUIREMENTS AND ASSETS		CURRENT			PROJECTED				
		OFFICER (a)	E9-E7 (b)	E6-E1 (c)	TOTAL (d)	OFFICER (e)	E9-E7 (f)	E6-E1 (g)	TOTAL (h)
6. TOTAL PERSONNEL STRENGTH		395	283	2,591	3,269	376	285	2,631	3,292
7. PERMANENT PARTY PERSONNEL		395	283	2,591	3,269	376	285	2,631	3,292
8. GROSS FAMILY HOUSING REQUIREMENTS		295	263	1,595	2,153	273	265	1,610	2,148
9. TOTAL UNACCEPTABLY HOUSED (a + b + c)		0	0	22	22				
a. INVOLUNTARILY SEPARATED		0	0	0	0				
b. IN MILITARY HOUSING TO BE DISPOSED/REPLACED		0	0	22	22				
c. UNACCEPTABLE HOUSED IN COMMUNITY					0				
10. VOLUNTARY SEPARATIONS		0	0	0	0				
11. EFFECTIVE HOUSING REQUIREMENTS		4	7	29	40	4	7	29	40
12. HOUSING ASSETS (a + b)		291	256	1,566	2,113	269	258	1,551	2,108
a. UNDER MILITARY CONTROL		485	511	1,682	2,678	369	390	1,559	2,318
(1) HOUSED IN EXISTING DOD OWNED/CONTROLLED		413	457	1,144	2,014	331	366	1,003	1,703
(2) UNDER CONTRACT/APPROVED		413	457	1,144	2,014	331	366	1,006	1,703
(3) VACANT					0	0	0	0	0
(4) INACTIVE		0	0	0	0				
b. PRIVATE HOUSING		72	54	538	664	38	24	553	615
(1) ACCEPTABLY HOUSED		72	54	536	664				
(2) ACCEPTABLE VACANT RENTAL		0	0	0	0				
13. EFFECTIVE HOUSING DEFICIT		(194)	(255)	(116)	(565)	(100)	(132)	22	(210)
14. PROPOSED PROJECT						0	0	22	22
15. REMARKS									
<p>Item 12.a.(1): 1008 on-base units are inadequate. 311 units are surplus and will be demolished when useful life expires. 232 additional units will be retained pending repair of Section 801 housing by owner.</p>									

1. COMPONENT AIR FORCE		N 1997 MILITARY CONSTRUCTION PROJECT DATA (computer generated)			2. DATE	
3. INSTALLATION AND LOCATION ELLSWORTH AIR FORCE BASE, SOUTH DAKOTA				4. PROJECT TITLE HOUSING MAINTENANCE FACILITY		
5. PROGRAM ELEMENT 88741		6. CATEGORY CODE 219-944	7. PROJECT NUMBER FXBM964506		8. PROJECT COST (\$000) 447	
9. COST ESTIMATES						
ITEM				U/M	QUANTITY	COST
BASE COVERED STORAGE FACILITY				SM	557	403
SUPPORTING FACILITIES						0
SUBTOTAL						403
CONTINGENCY (5%)						20
TOTAL CONTRACT COST						423
SUPERVISION, INSPECTION AND OVERHEAD (5.5%)						23
TOTAL REQUEST						447
AREA COST FACTOR				.95		
10. Description of Proposed Construction: Construct single story masonry structure with low maintenance exterior finish. Includes heating, ventilation, fire protection, site improvements and extension and connection of utilities.						
11. REQUIREMENT: ADEQUATE: SUBSTANDARD:						
PROJECT: Construct a 557 SM maintenance facility/warehouse for the housing contractor responsible for the daily maintenance of all housing units.						
REQUIREMENT: The responsibility of maintaining all base housing to include leased housing belongs to a private contractor. The facility needs to provide an environmentally controlled storage space and related operating space for the supplies and material the contractor uses day-to-day operating, and maintaining the base housing assets.						
CURRENT SITUATION: Currently there is no adequate space nor facility to locate this function in.						
IMPACT IF NOT PROVIDED: The maintenance contractor will be forced to continue to operate in dispersed facilities. One building, built in "53" is very near the end of its useful life and is not suited for the forced present use. The potential to reduce operating costs, reduce travel time, and increase interaction with the housing occupants will not be realized.						
ADDITIONAL: Base Civil Engineer, Lt Col Allen J Benefield, (605)385-2661						

1. COMPONENT AIR FORCE	FY 2003 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
3. INSTALLATION AND LOCATION ELLSWORTH AFB, SOUTH DAKOTA		
4. PROJECT TITLE HOUSING MAINTENANCE FACILITY	5. PROJECT NUMBER FXBM964506	
12. SUPPLEMENTAL DATA: a. Estimated Design Data: Design/Build (1) Status: <ul style="list-style-type: none"> (a) Date Design Started 01 Aug 20 (b) Parametric Cost Estimate used to develop costs N (c) Percent Complete as of Jan 2002 35 (d) Date 35% Designed 01 Dec 15 (e) Date Design Complete 02 May 10 (f) Energy Study/Life-Cycle analysis was performed; (2) Basis: <ul style="list-style-type: none"> (a) Standard or Definitive Design - NO (b) Where design was most recently used - N/A (3) Total Cost (c) = (a) + (b) or (d) + (e): (\$50) <ul style="list-style-type: none"> (a) Production of Plans and Specifications 50 (b) All other Design Costs 0 (c) Total 50 (d) Contract 50 (e) In-house (4) Construction Start 03 Mar (5) Construction Completion 04 Jun j. Equipment associated with this project will be provided from other appropriations: N/A		

1. COMPONENT AIR FORCE		FY 2003 MILITARY CONSTRUCTION PROGRAM					2. DATE			
INSTALLATION AND LOCATION DYESS AIR FORCE, TEXAS			COMMAND: AIR COMBAT COMMAND			5. AREA CONST COST INDEX 0.98				
3. Personnel Strength AS OF 30 SEP 01 END FY 2005	PERMANENT			STUDENTS			SUPPORTED			TOTAL
	OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV	
	674	4296	688				13	24	62	
	671	4463	686				13	24	62	5,919
7. INVENTORY DATA (\$000)										
Total Acreage: 6,342										
Inventory Total as of: (30 Sep 01)										333,1713
Authorization Not Yet in Inventory:										28,654
Authorization Requested in this Program:										14,824
Authorization Included in the Following Program: (FY 2004)										15,101
Planned in Next Three Years Program:										31,4244
Remaining Deficiency:										0
Grand Total:										423,176
3. PROJECTS REQUESTED IN THIS PROGRAM: (FY 2003)										
CATEGORY							COST DESIGN STATUS			
CODE	PROJECT TITLE			SCOPE	\$,000	START	C M P L			
'11-142	Replace Family Housing			85 UN	14,824	Jun-01	Jul-02			
}a. Future Projects: Included in the Following Program (FY 2004)										
'11-142	Replace Family Housing			124 UN	15,101					
}b. Future Projects: Typical Planned Next Three Years: (FY05-07)										
'11-142	Replace Family Housing			119 UN	15,402					
'11-142	Replace Family Housing			85 UN	16,022					
}c. Real Property Maintenance Backlog This Installation										71,856
10. Mission or Major Functions: A wing with two B-1 bomber squadrons, one of which is responsible for raining all B-1 aircrews, and two C-130 airlift squadrons.										

1. COMPONENT AIR FORCE	FY 2003 MILITARY CONSTRUCTION PROJECT DATA				2. DATE																																				
3. INSTALLATION AND LOCATION DYESS AIR FORCE BASE, TEXAS			4. PROJECT TITLE REPLACE FAMILY HOUSING PHASE III																																						
5. PROGRAM ELEMENT 8874 1	6. CATEGORY CODE 711-142	7. PROJECT NUMBER FNWZ033003R2	8. PROJECT COST (\$000) 14,824																																						
9. COST ESTIMATE																																									
ITEM	U/M	QUANTITY	UNIT COST	COST (\$000)																																					
MILITARY FAMILY HOUSING	UN	85	104,341	8,869																																					
SUPPORTING FACILITIES	LS			4,488																																					
SITE IMPROVEMENTS	LS			(246)																																					
UTILITIES	LS			(953)																																					
STREETS	LS			(1,629)																																					
LANDSCAPING	LS			(473)																																					
RECREATION	LS			(423)																																					
DEMOLITION & ASBESTOS REMOVAL	LS			<u>(764)</u>																																					
SUBTOTAL				13,357																																					
CONTINGENCY (5%)				<u>668</u>																																					
TOTAL CONTRACT COST				14,025																																					
SUPERVISION INSPECTION AND OVERHEAD (5.7%)				<u>799</u>																																					
TOTAL REQUEST				14,824																																					
4AREA COST FACTOR		0.98																																							
<p>10. DESCRIPTION OF PROPOSED CONSTRUCTION: Replace 85 single and multiplex family housing units with all necessary amenities including sound reduction and supporting facilities. Project includes site preparation, attached single car garages, air conditioning, support infrastructure of roads and utilities, neighborhood playgrounds, recreation areas, and landscaping. Includes demolition of 85 units, site demolition and asbestos removal.</p> <table style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align:left;"><u>Pavarede</u></th> <th style="text-align:center;"><u>Bedroom</u></th> <th style="text-align:center;"><u>NSF</u></th> <th style="text-align:center;"><u>GSF</u></th> <th style="text-align:center;"><u>GSM</u></th> <th style="text-align:center;"><u>Project Factor</u></th> <th style="text-align:center;"><u>Cost Per GSM</u></th> <th style="text-align:center;"><u>No Units</u></th> <th style="text-align:center;"><u>(\$000) Total</u></th> </tr> </thead> <tbody> <tr> <td>EI-E6</td> <td style="text-align:center;">2</td> <td style="text-align:center;">1,081</td> <td style="text-align:center;">1,340</td> <td style="text-align:center;">124</td> <td style="text-align:center;">1.019</td> <td style="text-align:center;">732</td> <td style="text-align:center;">35</td> <td style="text-align:center;">3,237</td> </tr> <tr> <td>EI-E6</td> <td style="text-align:center;">3</td> <td style="text-align:center;">1,315</td> <td style="text-align:center;">1,630</td> <td style="text-align:center;">151</td> <td style="text-align:center;">1.019</td> <td style="text-align:center;">732</td> <td style="text-align:center;"><u>50</u></td> <td style="text-align:center;"><u>5,632</u></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td style="text-align:center;">85</td> <td style="text-align:center;">8,869</td> </tr> </tbody> </table> <p>Maximum size: E1-E6/3 Bedroom (1420 NSF/1 760 GSF), E1 -E6/4 Bedroom (1790 NSF/2220 GSF)</p> <p>II. Requirement: 2,489 UN ADEQUATE: 1,670 UN SUBSTANDARD: 819 UN</p> <p>PROJECT: Replace-Military Family Housing, Phase III (Current Mission).</p> <p>REQUIREMENT: This project is required to provide modern and efficient housing for military members and their dependents stationed at Dyess AFB. All units will meet modern housing standards and are programmed in accordance with the Housing Community Profile, Phase III. The housing will provide safe, comfortable, and appealing living environment comparable to the off-base civilian community. The design will provide a modern kitchen, living room family room bedroom and bath configuration, with ample interior and exterior storage. The number of bedrooms will range from two to four, as identified in the most recent housing market analysis. Units will be provided with a single car garage and exterior parking for a second vehicle. Land area will be used for adequate infrastructure requirements (roads, recreation areas, utilities). This is the third phase of a multiphase initiative to replace all substandard housing units at Dyess AFB. Single or double car garages will be provided.</p>						<u>Pavarede</u>	<u>Bedroom</u>	<u>NSF</u>	<u>GSF</u>	<u>GSM</u>	<u>Project Factor</u>	<u>Cost Per GSM</u>	<u>No Units</u>	<u>(\$000) Total</u>	EI-E6	2	1,081	1,340	124	1.019	732	35	3,237	EI-E6	3	1,315	1,630	151	1.019	732	<u>50</u>	<u>5,632</u>								85	8,869
<u>Pavarede</u>	<u>Bedroom</u>	<u>NSF</u>	<u>GSF</u>	<u>GSM</u>	<u>Project Factor</u>	<u>Cost Per GSM</u>	<u>No Units</u>	<u>(\$000) Total</u>																																	
EI-E6	2	1,081	1,340	124	1.019	732	35	3,237																																	
EI-E6	3	1,315	1,630	151	1.019	732	<u>50</u>	<u>5,632</u>																																	
							85	8,869																																	

1. COMPONENT AIR FORCE	FY 2003 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
3. INSTALLATION AND LOCATION DYESS AIR FORCE BASE. TEXAS		
4. PROJECT TITLE REPLACE FAMILY HOUSING, PHASE III	5. PROJECT NUMBER FNWZ 033003R2	
<p>CURRENT SITUATION: Existing family housing units were constructed in 1957. They show the effects of age and heavy use. These units have had no comprehensive upgrade program since construction, and they do not meet the needs of today's military families, nor do they provide a modern home environment. Budget constraints have limited Dyess AFB's ability to maintain and repair these housing units to minimally acceptable occupancy standards.</p> <p>Interiors are generally inadequate by modern criteria. The existing jalousie windows are those originally installed when the housing units were constructed. These windows are difficult to open, are drafty, and latches or cranks are frequently broken. Addition of storm windows 25 years ago makes windows even more difficult to open, and results in unnecessary heating and air conditioning costs in the spring and fall, as well as reduced indoor air quality. These Capehart units were constructed with one bathroom which is small and lacks adequate closet space. Kitchens have insufficient cabinets, storage and counter space.</p> <p>Lighting, heating and air-conditioning systems require upgrade and replacement. Plumbing and electrical systems are antiquated and do not meet current standards for efficiency and safety. Original aged electrical wiring is causing increased faults and potential for fire and safety problems. The existing under-slab piping systems are old and deteriorated. Frequency of leaking pipes under the concrete floor slab is increasing.</p> <p>Roof, wall, foundations, and exterior pavements require major repair or replacement due to age. Severe summer heat, extreme winter freezing ice and snow storms, routine high winds and dust storms, frequent turbulent hail/thunderstorms, occasional tornadoes and highly expansive clay soil conditions, have an adverse aging effect on the units.</p> <p>IMPACT IF NOT PROVIDED: Dyess will continue to spend scarce MFH maintenance and repair dollars on trying to extend the life of these substandard family housing units. Military personnel and their dependents must be required to occupy inadequate housing. The effect of living in a poor housing environment will be detrimental to morale and welfare of the military and family members.</p> <p>ADDITIONAL: A rate of 5.7% has been used for supervision, inspection, and overhead for using the Army Corps of Engineers. This project meets the criteria/scope specified in Part II of Military Handbook 1190, Facility Planning and Design Guide. The local school authority indicates a capability exists to accept the increase in the student population generated by this project. No additional school construction will be required. An economic analysis has been prepared comparing the alternatives of new construction, revitalization, leasing and status quo operation. Based on the net present values and benefits of the respective alternatives, the replacement was found to be the most cost efficient over the life of the project. Commander, 7th Civil Engineer Squadron: Lt Col Dennis Yates, (915) 696-2250.</p>		

1. COMPONENT AIR FORCE	FY 2003 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
3. INSTALLATION AND LOCATION DYESS AIR FORCE BASE, TEXAS		
4. PROJECT TITLE REPLACE FAMILY HOUSING, PHASE III	5. PROJECT NUMBER FNWZ 033003R2	
12. SUPPLEMENTAL DATA: a. Estimated Design Data: Design/Build (1) Status: <ul style="list-style-type: none"> (a) Date Design Started 01 Aug 20 (b) Parametric Cost Estimate used to develop costs N (c) Percent Complete as of Jan 2002 35 (d) Date 35% Designed 01 Dec 15 (e) Date Design Complete 02 May 10 (f) Energy Study/Life-Cycle analysis was performed; (2) Basis: <ul style="list-style-type: none"> (a) Standard or Definitive Design - NO (b) Where design was most recently used - N/A (3) Total Cost (c) = (a) + (b) or (d) + (e): (\$860) <ul style="list-style-type: none"> (a) Production of Plans and Specifications 860 (b) All other Design Costs 0 (c) Total 860 (d) Contract 860 (e) In-house (4) Construction Start 03Mar (5) Construction Completion 04Jun b. Equipment associated with this project will be provided from other appropriations: N/A		

MILITARY FAMILY HOUSING JUSTIFICATION		1. DATE OF REPORT July-00		2. FISCAL YEAR 2003		REPORT CONTROL SYMBOL DD-A&L(AR)1716			
3. DOD COMPONENT AIR FORCE	4. REPORTING INSTALLATION								
	a. NAME		b. LOCATION						
5. DATA AS OF 2000	DYESS AFB		Phase 3		TEXAS				
ANALYSIS OF REQUIREMENTS AND ASSETS		CURRENT				PROJECTED			
		OFFICER (a)	E9-E7 (b)	E6-E1 (c)	TOTAL (d)	OFFICER (e)	E9-E7 (f)	E6-E1 (g)	TOTAL (h)
6. TOTAL PERSONNEL STRENGTH		685	386	3,666	4,737	662	418	3,845	4,925
7. PERMANENT PARTY PERSONNEL		685	386	3,666	4,737	662	418	3,845	4,925
8. GROSS FAMILY HOUSING REQUIREMENTS		419	279	1,740	2,438	402	302	1,822	2,526
9. TOTAL UNACCEPTABLY HOUSED (a + b + c)		0	0	85	85				
a. INVOLUNTARILY SEPARATED		0	0	0	0				
b. IN MILITARY HOUSING TO BE DISPOSED/REPLACED		0	0	85	85				
c. UNACCEPTABLE HOUSED IN COMMUNITY		0	0	0	0				
10. VOLUNTARY SEPARATIONS		5	5	26	36	5	5	27	37
11. EFFECTIVE HOUSING REQUIREMENTS		414	274	1,714	2,402	397	297	1,795	2,489
12. HOUSING ASSETS (a + b)		414	274	1,629	2,317	397	297	1,710	2,404
a. UNDER MILITARY CONTROL		166	110	1,033	1,309	166	110	1,033	1,309
(1) HOUSED IN EXISTING DOD OWNED/CONTROLLED		166	110	1,033	1,309	166	110	1,033	1,309
(2) UNDER CONTRACT/APPROVED						0	0	0	0
(3) VACANT		0	0	0	0				
(4) INACTIVE		0	0	0	0				
b. PRIVATE HOUSING		248	164	596	1,008	231	187	677	1,095
(1) ACCEPTABLY HOUSED		248	164	596	1,008				
(2) ACCEPTABLE VACANT RENTAL		0	0	0	0				
13. EFFECTIVE HOUSING DEFICIT		0	0	85	85	0	0	85	85
14. PROPOSED PROJECT						0	0	85	85

15. REMARKS

Item 12.a.(1): 819 on base units are inadequate.

1. COMPONENT AIR FORCE		FY 2003 MILITARY CONSTRUCTION PROGRAM						2. DATE		
INSTALLATION AND LOCATION RANDOLPH AIR FORCE BASE, TEXAS				COMMAND: AIR EDUCATION AND TRAINING COMMAND			5. AREA CONST COST INDEX 0.82			
6. Personnel Strength	PERMANENT			STUDENTS			SUPPORTED			TOTAL
	OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV	
	AS OF 30 SEP 01	1431	2521	4331	155			189	32	
END FY 2005	1436	2470	4273	280			189	32	7	8,687
7. INVENTORY DATA (\$000)										
Total Acreage:		3,129								
Inventory Total as of : (30 Sep 01)										218,8519
Authorization Not Yet in Inventory:										0
Authorization Requested in this Program:										14,311
Authorization Included in the Following Program: (FY 2004)										0
Planned in Next Three Years Program:										0
Remaining Deficiency:										0
Grand Total:										233,176
8. PROJECTS REQUESTED IN THIS PROGRAM: (FY 2003)										
CATEGORY							COST DESIGN STATUS			
<u>CODE</u>	<u>PROJECT TITLE</u>			<u>SCOPE</u>		<u>\$,000</u>	<u>START</u>	<u>CMPL</u>		
71 I-142	Replace Family Housing			112 UN		14,311	Jun-01	Jul-02		
9a. Future Projects: Included in the Following Program: None										
9b. Future Projects: Typical Planned Next Three Years: None										
9c. Real Property Maintenance Backlog This Installation										69,473
10. Mission or Major Functions: Headquarters Air Education and Training Command, a flying training wing which conducts navigator training and AETC instructor pilot training and the AF Personnel Center, the AF Services Agency, Headquarters AF Recruiting Service, the AF Manpower and Innovation Center, and an AMC airlift flight operating C-21s.										

DD Form 1390, 24 Jul 00

1. COMPONENT AIR FORCE	FY 2003 MILITARY CONSTRUCTION PROJECT DATA			2. DATE																		
3. INSTALLATION AND LOCATION RANDOLPH AIR FORCE BASE, TEXAS		4. PROJECT TITLE REPLACE FAMILY HOUSING PHASE 1																				
5. PROGRAM ELEMENT 88741	6. CATEGORY CODE 711-142	7. PROJECT NUMBER TYMX03400 1A	8. PROJECT COST (\$000) 14,311																			
9. COST ESTIMATE																						
ITEM	U/M	QUANTITY	UNIT COST	COST (\$000)																		
MILITARY FAMILY HOUSING	UN	112	90,643	10,152																		
SUPPORTING FACILITIES	LS			2,742																		
SITE IMPROVEMENTS	LS			(325)																		
UTILITIES	LS			(1,523)																		
STREETS	LS			(394)																		
DEMOLITION & ASBESTOS REMOVAL	LS			<u>(500)</u>																		
SUBTOTAL				12,894																		
CONTINGENCY (5%)				<u>645</u>																		
TOTAL CONTRACT COST				13,539																		
SUPERVISION INSPECTION AND OVERHEAD (5.7%)				<u>772</u>																		
TOTAL REQUEST				14,311																		
AREA COST FACTOR		0.82																				
<p>10. DESCRIPTION OF PROPOSED CONSTRUCTION: Replace 56 duplex (112 total units) with all necessary amenities and supporting facilities. The construction includes demolition of existing East Wherry Housing, site preparation, attached car garage, air conditioning, parking, exterior patios, support infrastructure of roads and utilities, recreation areas, and all landscaping.</p> <table style="width:100%; border-collapse: collapse;"> <tr> <td style="text-align:center;"><u>Paygrade</u></td> <td style="text-align:center;"><u>Bedroom</u></td> <td style="text-align:center;"><u>NSF</u></td> <td style="text-align:center;"><u>GSF</u></td> <td style="text-align:center;"><u>GSM</u></td> <td style="text-align:center;"><u>Project Factor</u></td> <td style="text-align:center;"><u>Cost Per GSM</u></td> <td style="text-align:center;"><u>No Units</u></td> <td style="text-align:center;"><u>(\$000) Total</u></td> </tr> <tr> <td style="text-align:center;">E1-E6</td> <td style="text-align:center;">3</td> <td style="text-align:center;">1,315</td> <td style="text-align:center;">1,630</td> <td style="text-align:center;">151</td> <td style="text-align:center;">0.820</td> <td style="text-align:center;">732</td> <td style="text-align:center;">112</td> <td style="text-align:center;">10,152</td> </tr> </table> <p>Maximum size: E1-E6/3 Bedroom (1420 NSF/1760 GSF)</p>					<u>Paygrade</u>	<u>Bedroom</u>	<u>NSF</u>	<u>GSF</u>	<u>GSM</u>	<u>Project Factor</u>	<u>Cost Per GSM</u>	<u>No Units</u>	<u>(\$000) Total</u>	E1-E6	3	1,315	1,630	151	0.820	732	112	10,152
<u>Paygrade</u>	<u>Bedroom</u>	<u>NSF</u>	<u>GSF</u>	<u>GSM</u>	<u>Project Factor</u>	<u>Cost Per GSM</u>	<u>No Units</u>	<u>(\$000) Total</u>														
E1-E6	3	1,315	1,630	151	0.820	732	112	10,152														
<p>11. Requirement: 2,860 UN ADEQUATE: 1,841 UN SUBSTANDARD: 1,019 UN PROJECT: Replace-Military Family Housing Phase 1 (Current Mission). REQUIREMENT: This project is required to provide 112 modern and efficient housing units for military members and their dependants stationed at Randolph AFB. All units will meet modern housing standards and are programmed in accordance with the Housing Community Plan. The housing will provide safe, comfortable, and appealing living environment comparable to the off-base civilian community. The design will provide a modern kitchen, living room, bedroom and bath configuration, with ample interior and exterior storage. Units will be provided with a garage and exterior parking. Adequate support infrastructure of roads and utilities will also be provided. CURRENT SITUATION: These Wherry housing units was originally constructed in 1962. The houses are well below current AF square footage standards and vary from 800-1033 net square feet per family. Depending on the ages of the children, up to 6 people are forced to live together in this small area. The upstairs/downstairs configuration, hardwood floors, as well as sharing a common wall contribute to a large amount of noise complaints each week. Patio areas are small and storage is very limited.</p>																						

1. COMPONENT AIR FORCE	FY 2003 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
3. INSTALLATION AND LOCATION RANDOLPH AIR FORCE BASE, TEXAS		
4. PROJECT TITLE REPLACE FAMILY HOUSING, PHASE 1	5. PROJECT NUMBER TYMX034001A	
<p><u>IMPACT IF NOT PROVIDED:</u> Morale in the junior enlisted ranks will continue to decrease due to insufficient housing. Families will be forced to move off base, incurring higher out-of-pocket costs. On-base housing will continue to deteriorate and remain substandard.</p> <p><u>ADDITIONAL:</u> This project meets the criteria/scope specified in Part II of Military Handbook 1190, "Facility Planning and Design Guide". An economic analysis has been prepared comparing the alternative of new construction, acquisition and status quo operation. The cost to improve the housing units is 72% of the replacement cost. No school construction will be required since this is a replacement project. The construction agent for this project is the Army Corps of Engineers resulting in 5.7% SIOH. Base Civil Engineer: Lt Col Leonard Patrick, (210)652-2401.</p>		

1. COMPONENT AIR FORCE	FY 2003 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
3. INSTALLATION AND LOCATION RANDOLPH AIR FORCE BASE, TEXAS		
4. PROJECT TITLE REPLACE FAMILY HOUSING, PHASE 1	5. PROJECT NUMBER TYMX034001A	
12. SUPPLEMENTAL DATA: a. Estimated Design Data: Design/Build (1) Status: <ul style="list-style-type: none"> (a) Date Design Started 01 Aug 10 (b) Parametric Cost Estimate used to develop costs N (c) Percent Complete as of Jan 2002 35 (d) Date 35% Designed 01 Dec 10 (e) Date Design Complete 02 May 10 (f) Energy Study/Life-Cycle analysis was performed; (2) Basis: <ul style="list-style-type: none"> (a) Standard or Definitive Design - NO (b) Where design was most recently used - N/A (3) Total Cost (c) = (a) + (b) or (d) + (e): (\$570) <ul style="list-style-type: none"> (a) Production of Plans and Specifications 570 (b) All other Design Costs 0 (c) Total 570 (d) Contract 570 (e) In-house (4) Construction Start 03Mar (5) Construction Completion 04Jun b. Equipment associated with this project will be provided from other appropriations: N/A		

MILITARY FAMILY HOUSING JUSTIFICATION		1. DATE OF REPORT Ott-00		2. FISCAL YEAR		REPORT CONTROL SYMBOL DD-A&L(AR)1716			
3. DOD COMPONENT AIR FORCE		4. REPORTING INSTALLATION a. NAME RANDOLPH				b. LOCATION TEXAS			
5. DATA AS OF 2000									
ANALYSIS OF REQUIREMENTS AND ASSETS		CURRENT				PROJECTED			
		OFFICER (a)	E9-E7 (b)	E6-E1 (c)	TOTAL (d)	OFFICER (e)	E9-E7 (f)	E6-E1 (g)	TOTAL (h)
6. TOTAL PERSONNEL STRENGTH		1,379	775	1,236	3,390	1,439	832	1,680	3,951
7. PERMANENT PARTY PERSONNEL		1,376	775	1,236	3,390	1,439	832	1,680	3,951
8. GROSS FAMILY HOUSING REQUIREMENTS		1,098	646	817	2,561	1,144	693	1,074	2,911
9. TOTAL UNACCEPTABLY HOUSED (a + b + c)		0	0	112	112				
a. INVOLUNTARILY SEPARATED		0	0	0	0				
b. IN MILITARY HOUSING TO BE DISPOSED/REPLACED		0	0	112	112				
c. UNACCEPTABLE HOUSED IN COMMUNITY		0	0	0	0				
10. VOLUNTARY SEPARATIONS		22	11	5	38	23	13	15	51
11. EFFECTIVE HOUSING REQUIREMENTS		1,076	635	812	2,523	1,121	680	1,059	2,860
12. HOUSING ASSETS (a + b)		1,076	635	700	2,411	1,121	680	47	2,748
a. UNDER MILITARY CONTROL		218	142	47	907	218	142	547	907
(1) HOUSED IN EXISTING DOD OWNED/CONTROLLED		218	142	547	907	218	142	547	907
(2) UNDER CONTRACT/APPROVED						0	0	0	0
(3) VACANT		0	0	0	0				
(4) INACTIVE		0	0	0	0				
b. PRIVATE HOUSING		858	493	153	1,504	903	538	400	1,841
(1) ACCEPTABLY HOUSED		656	493	153	1,604				
(2) ACCEPTABLE VACANT RENTAL		0	0	0	0				
13. EFFECTIVE HOUSING DEFICIT		0	0	112	112	0	0	112	112
14. PROPOSED PROJECT						0	0	112	112
5. REMARKS Item 12.a.(1): 1019 on-base units are inadequate.									

1. COMPONENT AIR FORCE	FY 2003 MILITARY CONSTRUCTION PROJECT DATA (computer generated)			2. DATE
3. INSTALLATION AND LOCATION RANDOLPH AIR FORCE BASE, TEXAS			4. PROJECT TITLE MPH HOUSING MAINT OFFICE	
5. PROGRAM ELEMENT 66741	6. CATEGORY CODE 211-111	7. PROJECT NUMBER TYMK034303A	6. PROJECT COST (\$000) 447	
9. COST ESTIMATES				
ITEM	U/M	QUANTITY	UNIT	COST
IGMAINT	SM	210	1,493	314
ZJPPORTING FACILITIES				90
UTILITIES	LS			(55
PAVEMENTS	LS			(25
SITE IMPROVEMENTS	LS			(10
SUBTOTAL				404
CONTINGENCY (5%)				20
TOTAL CONTRACT COST				424
SUPERVISION, INSPECTION AND OVERHEAD (5.5%)				23
TOTAL REQUEST				447
AREA COST FACTOR	.82			
.0. Description of Proposed Construction: Construct Family Housing maintenance Facility, concrete slab floor, engineered metal building, insulation, fire protection, interior lighting, roll up doors, and an interior office.				
11. REQUIREMENT: 210SM ADEQUATE: OSM SUBSTANDARD: 130SM				
PROJECT: Construct a shop for the Family Housing maintenance contractor (Current Mission).				
REQUIREMENT: Provide a usable facility for the Family Housing maintenance contractor as part of the maintenance contract.				
CURRENT SITUATION: The existing Housing Maintenance Contractor shares space with a Civil Engineer shop. Both shops are cramped and lack adequate space to provide the required services. Space is very limited and contractor does not have adequate space for the for the proper safety zones around saws and other power equipment, and cannot properly store and maintain the appliances as required by the contract. The appliances are stored in other locations around the base and has included vacant housing units. Parking for the contractor's maintenance vehicle is also limited.				
IMPACT IF NOT PROVIDED: The Housing Maintenance Contractor would continue to exist in inadequate space and unable to provide the full service necessary under the contract.				
ADDITIONAL: Base Civil Engineer: Lt Col Allen J. Benefield, (210) 652-2401.				

1. COMPONENT AIR FORCE	FY 2003 MILITARY CONSTRUCTION PROJECT DATA	E. DATE
3. INSTALLATION AND LOCATION RANDOLPH AIR FORCE BASE, TEXAS		
4. PROJECT TITLE MFH HOUSING MAINT OFFICE	5. PROJECT NUMBER TYMX034303A	
12. SUPPLEMENTAL DATA:		
a. Estimated Design Data:		Design/Build
(1) Status:		
(a) Date Design Started		01 Aug 25
(b) Parametric Cost Estimate used to develop costs		N
(c) Percent Complete as of Jan 2002		35
(d) Date 35% Designed		01 Dec 20
(e) Date Design Complete		02 May 20
(f) Energy Study/Life-Cycle analysis was 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): (\$20)		
(a) Production of Plans and Specifications		20
(b) All other Design Costs		0
(c) Total		20
(d) Contract		20
(e) In-house		
(4) Construction Start		03 Apr
(5) Construction Completion		04 Jul
b. Equipment associated with this project will be provided from other appropriations: N/A		

1. COMPONENT AIR FORCE	FY 2003 MILITARY CONSTRUCTION PROJECT DATA (computer generated)			2. DATE
3. INSTALLATION AND LOCATION LANGLEY AIR FORCE BASE, VIRGINIA			4. PROJECT TITLE REPLACE HOUSING MANAGEMENT OFFICE	
5. PROGRAM ELEMENT 88741	6. CATEGORY CODE 610-119	7. PROJECT NUMBER MUHJ940300A	8. PROJECT COST (\$000) 1,193	
9. COST ESTIMATES				
ITEM	U/M	QUANTITY	UNIT	COST
CONST HOUSING MANAGEMENT OFFICE	SF	6500	121	787
SUPPORTING FACILITIES				290
UTILITIES	I I LS			(70)
PAVEMENTS	LS			(60)
SITE IMPROVEMENTS	LS			(80)
DEMOLITION	LS			(80)
SUBTOTAL				1,077
CONTINGENCY (5%)				54
TOTAL CONTRACT COST				1,131
SUPERVISION, INSPECTION AND OVERHEAD (5.5%)				62
TOTAL REQUEST				1,193
AREA COST FACTOR	.92			
10. Description of Proposed Construction: Construct a 6500 SF masonry building. Work consists of site work, slab on grade, brick veneer exterior wall with concrete block back up, and a sloped standing seam metal roof. This work includes all utilities and necessary support.				
11. REQUIREMENT: ADEQUATE: SUBSTANDARD:				
PROJECT: Construct Housing Management Office (current mission).				
REQUIREMENT: Construction of a new Housing Management Office is key to ensuring that the daily operations of this office run efficiently, and that personnel have adequate office space. The Langley Housing Management Office provides vital service to over 6,000 permanent party families, including the management of 1,606 MPH units. The task of Military Family Housing management and off-base housing referral services requires a facility that is conducive to normal daily flow of business. The facility must also be receptive and comfortable to newly transferred personnel, since this is often one of the first encounters with the base. The facility will include open and closed offices, a lobby, a conference room, a break room, a storage room, a mechanical room, and restrooms.				
CURRENT SITUATION: The existing housing management office does not have adequate space available for assigned personnel, and the office layout has many inefficiencies. The office is on the first floor of a lo-story housing complex of 90 units. The mechanical system is inadequate and designed to support individual apartments, not a large open area of over 2,200 SF. Furthermore, the current Housing Management Office is located in a remote and difficult to find area.				
IMPACT IF NOT PROVIDED: A dedicated improvement plan must be developed and implemented in order to meet the needs of Air Force members and their families. A new office will provide an atmosphere conducive to healthy morale for assigned and incoming personnel, and will provide the space necessary for housing personnel to conduct daily business in an efficient and friendly manner.				
ADDITIONAL: The Housing Management Office will be a complete and usable facility that				

1. COMPONENT AIR FORCE	FY 2003 MILITARY CONSTRUCTION PROJECT DATA (computer generated)		2. DATE
3. INSTALLATION AND LOCATION LANGLEY AIR FORCE BASE, VIRGINIA		4. PROJECT TITLE REPLACE HOUSING MANAGEMENT OFFICE	
5. PROGRAM ELEMENT 88741	6. CATEGORY CODE 610-119	7. PROJECT NUMBER MUHJ940300A	8. PROJECT COST (\$000) 1,193
<p>is designed to facilitate the addition of a Family Support Center programmed for FY03. The demolition costs included in block 9 are for demolition of a facility at the site of the new housing office. Base Civil Engineer: Lt Col Drew Jeter, (757) 764-2025.</p>			

1. COMPONENT AIR FORCE	FY 2003 MILITARY CONSTRUCTION PROJECT DATA	2. DATE																																				
3. INSTALLATION AND LOCATION LANGLEY AIR FORCE BASE, VIRGINIA																																						
4. PROJECT TITLE CONST HOUSING MANAGEMENT OFFICE	5. PROJECT NUMBER MUHJ940300A																																					
12. SUPPLEMENTAL DATA: a. Estimated Design Data: Design/Build <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="padding-left: 20px;">(1) Status:</td> <td></td> </tr> <tr> <td style="padding-left: 40px;">(a) Date Design Started</td> <td style="text-align: right;">01 Aug 20</td> </tr> <tr> <td style="padding-left: 40px;">(b) Parametric Cost Estimate used to develop costs</td> <td style="text-align: right;">N</td> </tr> <tr> <td style="padding-left: 40px;">(c) Percent Complete as of Jan 2002</td> <td style="text-align: right;">35</td> </tr> <tr> <td style="padding-left: 40px;">(d) Date 35% Designed</td> <td style="text-align: right;">01 Dec 15</td> </tr> <tr> <td style="padding-left: 40px;">(e) Date Design Complete</td> <td style="text-align: right;">02 May 10</td> </tr> <tr> <td style="padding-left: 40px;">(f) Energy Study/Life-Cycle analysis was performed;</td> <td></td> </tr> <tr> <td>(2) Basis:</td> <td></td> </tr> <tr> <td style="padding-left: 40px;">(a) Standard or Definitive Design -</td> <td style="text-align: right;">NO</td> </tr> <tr> <td style="padding-left: 40px;">(b) Where design was most recently used -</td> <td style="text-align: right;">N/A</td> </tr> <tr> <td>(3) Total Cost (c) = (a) + (b) or (d) + (e):</td> <td style="text-align: right;">(\$50)</td> </tr> <tr> <td style="padding-left: 40px;">(a) Production of Plans and Specifications</td> <td style="text-align: right;">50</td> </tr> <tr> <td style="padding-left: 40px;">(b) All other Design Costs</td> <td style="text-align: right;">0</td> </tr> <tr> <td style="padding-left: 40px;">(c) Total</td> <td style="text-align: right;">50</td> </tr> <tr> <td style="padding-left: 40px;">(d) Contract</td> <td style="text-align: right;">50</td> </tr> <tr> <td style="padding-left: 40px;">(e) In-house</td> <td></td> </tr> <tr> <td>(4) Construction Start</td> <td style="text-align: right;">03 Mar</td> </tr> <tr> <td>(5) Construction Completion</td> <td style="text-align: right;">04 Jun</td> </tr> </table> b. Equipment associated with this project will be provided from other appropriations: N/A			(1) Status:		(a) Date Design Started	01 Aug 20	(b) Parametric Cost Estimate used to develop costs	N	(c) Percent Complete as of Jan 2002	35	(d) Date 35% Designed	01 Dec 15	(e) Date Design Complete	02 May 10	(f) Energy Study/Life-Cycle analysis was 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):	(\$50)	(a) Production of Plans and Specifications	50	(b) All other Design Costs	0	(c) Total	50	(d) Contract	50	(e) In-house		(4) Construction Start	03 Mar	(5) Construction Completion	04 Jun
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1. COMPONENT AIR FORCE		FY 2003 MILITARY CONSTRUCTION PROGRAM					2. DATE			
INSTALLATION AND LOCATION RAMSTEIN AIR BASE, GERMANY			COMMAND: UNITED STATES AIR FORCES IN EUROPE			(5. AREA CONST COST INDEX 1.24				
6. Personnel Strength AS OF 30 SEP 01 END FY 2005	PERMANENT			STUDENTS			SUPPORTED			TOTAL
	OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV	
	1261	6565	2780				1584	1250	265	
	1269	6686	2735				1584	1250	265	13,78
7. INVENTORY DATA (\$000)										
Total Acreage: 3,102										
Inventory Total as of : (30 Sep 01) 3,800,35										
Authorization Not Yet in Inventory: 9,66										
Authorization Requested in this Program: 8,53										
Authorization Included in the Following Program: (FY 2004) 5,60										
Planned in Next Three Years Program:										
Remaining Deficiency:										
Grand Total: 3,824,15										
8. PROJECTS REQUESTED IN THIS PROGRAM: (FY 2003)										
CATEGORY		PROJECT TITLE		SCOPE		COST \$,000		DESIGN START		STATUS C M P L
711-142		Replace Family Housing		19 UN		8,534	Jun-01		Jul-0:	
9a. Future Projects: Included in the Following Program (FY 2004)										
711-142		Replace Family Housing		12 UN		5,607				
9b. Future Projects: Typical Planned Next Three Years: NONE										
9c. Real Property Maintenance Backlog This Installation										437,44;
10. Mission or Major Functions: A host airlift wing supporting a C-130E squadron, a C-9A squadron and a C-17A squadron composed of C-20A, and C-21A aircraft; Headquarters, United States Air Forces in Europe and Headquarters, Allied Air Forces Central Europe.										

1. COMPONENT AIR FORCE	FY 2003 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
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3. INSTALLATION AND LOCATION RAMSTEIN AIR BASE, GERMANY	4. PROJECT TITLE REPLACE FAMILY HOUSING
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5. PROGRAM ELEMENT 88741	6. CATEGORY CODE 71 1-142	7. PROJECT NUMBER TYFR034073	8. PROJECT COST (\$000) 8,534
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9. COST ESTIMATE				
ITEM	U/M	QUANTITY	UNIT COST	COST (\$000)
MILITARY FAMILY HOUSING	UN	19	223,947	4,255
SUPPORTING FACILITIES	LS			3,376
SITE IMPROVEMENTS	LS			(738)
UTILITIES	LS			(548)
STREETS	LS			(798)
DEMOLITION & ASBESTOS REMOVAL	LS			(1,292)
SUBTOTAL				7,631
CONTINGENCY (5%)				382
TOTAL CONTRACT COST				8,013
SUPERVISION INSPECTION AND OVERHEAD (6.5%)				521
TOTAL REQUEST				8,534
AREA COST FACTOR	1.24			

10. DESCRIPTION OF PROPOSED CONSTRUCTION: Construct 19 housing units, to include 3 general officer quarters, with all necessary amenities and supporting facilities. Project includes site prep, garages, parking, exterior patios, and privacy fencing, support infrastructure of roads and utilities, neighborhood playgrounds, recreation areas, and all landscaping. Includes demolition, asbestos, lead-based paint, and other hazardous material removal.

Paygrade	Bedroom	NSF	GSF	GSM	Project Factor	Cost Per GSM	No Units	Total (\$000)
E7-E9	4	1,734	2,150	200	1.426	732	16	3,300
07	4	2,686	3,330	309	1.426	732	3	955
							19	4,255

Maximum size: E7-E-9 - 4 Bedroom (2020 NSF/2500 GSF); 07 - 4 Bedroom (3270 NSF/4060 GSF)

11. Requirement: 9,497 UN ADEQUATE: 6,128 UN SUBSTANDARD: 3,369 UN
PROJECT: Replace-Military Family Housing (Current Mission).

REQUIREMENT: This project is required to provide modern and efficient replacement housing for military members and their dependents stationed at Ramstein AFB. All units will meet "whole house" standards and are programmed in accordance with the Housing Community Profile. Replacement housing will provide a safe, comfortable, and appealing living environment comparable to the off-base civilian community. Neighborhood enhancements will include landscaping, playgrounds, and recreation areas. The project should provide adequate housing for another 25 years without additional major maintenance and repair.

CURRENT SITUATION: This project construct 19 housing units to replace 66 housing units, which were constructed in the 1950's. These 50-year-old houses are showing the effects of age and continuous heavy use. They have had no major upgrades since construction and do not meet the needs of today's families, nor do they provide a modern home environment. Portions of roof and exterior plaster require major repair or replacement due to the effects of age and the environment. Roofs show signs of leaks, which have made already inadequate insulation even less effective. Plumbing and electrical systems are antiquated and do not meet current standards for efficiency or safety. Housing interiors are generally inadequate by modern criteria. Bedrooms are small and lack adequate closet space. Bathrooms are small and minimal counter space is provided. Kitchens have inadequate storage and counterspace.

1. COMPONENT AIR FORCE	FY 2003 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
3. INSTALLATION AND LOCATION RAMSTEIN AIR BASE, GERMANY		
4. PROJECT TITLE REPLACE FAMILY HOUSING	5. PROJECT NUMBER TYFR034073	
<p>Flooring throughout the house is outdated and contains evidence of asbestos. Plumbing and electrical systems are outdated and do not meet modern building codes. Wiring is approximately 50 years old and reaching the end of its useful life. There is no ground fault interrupter circuit protection and many electrical outlets lack grounding protection. Lighting systems throughout the house are inefficient and require replacement. Heating systems require upgrade and replacement. No fire protection is in the residence.</p> <p><u>IMPACT IF NOT PROVIDED:</u> Units will continue to deteriorate rapidly, resulting in increasing operations, maintenance and repair costs to the Government and inconvenience to residents since major structural, mechanical and electrical elements are reaching the end of their useful life. Without this initiative, costly piecemeal repairs will continue with no improvement in the living quality. Major morale problems will result if this replacement initiative is not supported.</p> <p><u>ADDITIONAL:</u> This project is not eligible for NATO funding. This project meets the criteria/scope specified in Part II of Military Handbook 1190, "Facility Planning and Design Guide". Since this is a replacement project, there will be no increase in the student population or impact on the local DoDDS school system. The construction agent for this project is the Army Corps of Engineers resulting in 6.5% SIOH costs. BASE CIVIL ENGINEER: Col Jeffrey Leprone, 01 1-49-637 1-476228 DSN: 480-6228</p> <p>FOREIGN CURRENCY: FCF Rate Used: Euro 1.1386</p>		

1. COMPONENT AIR FORCE	FY 2003 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
3. INSTALLATION AND LOCATION RAMSTEIN AIR BASE, GERMANY		
4. PROJECT TITLE REPLACE FAMILY HOUSING	5. PROJECT NUMBER TYFR034073	
12. SUPPLEMENTAL DATA:		
a. Estimated Design Data:		Design/Build
(1) Status:		
(a) Date Design Started		01 Aug 5
(b) Parametric Cost Estimate used to develop costs		N
(c) Percent Complete as of Jan 2002		35
(d) Date 35% Designed		01 Dec 20
(e) Date Design Complete		02 May 10
(f) Energy Study/Life-Cycle analysis was 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):		(\$370)
(a) Production of Plans and Specifications		370
(b) All other Design Costs		0
(c) Total		370
(d) Contract		370
(e) In-house		
(4) Construction Start		03 Apr
(5) Construction Completion		04 Jun
b. Equipment associated with this project will be provided from other appropriations: N/A		

MILITARY FAMILY HOUSING JUSTIFICATION		1. DATE OF REPORT Mar-01			2. FISCAL YEAR		REPORT CONTROL SYMBOL DD-A&L(AR)1716		
3. DOD COMPONENT AIR FORCE		4. REPORTING INSTALLATION a. NAME RAMSTEIN AB			b. LOCATION GERMANY				
5. DATA AS OF 2000									
ANALYSIS OF REQUIREMENTS AND ASSETS		CURRENT				PROJECTED			
		OFFICER (a)	E9-E7 (b)	E6-E1 (c)	TOTAL (d)	OFFICER (e)	E9-E7 (f)	E6-E1 (g)	TOTAL (h)
6. TOTAL PERSONNEL STRENGTH		2,035	1,559	9,607	14,001	2,616	1,571	9,721	14,110
7. PERMANENT PARTY PERSONNEL		2,635	1,559	9,607	14,001	2,818	1,571	9,721	14,110
8. GROSS FAMILY HOUSING REQUIREMENTS		2,339	1,362	5,716	9,417	2,362	1,369	5,766	9,497
9. TOTAL UNACCEPTABLY HOUSED (a + b + c)		3	16	0	19				
a. INVOLUNTARILY SEPARATED		0	0	0	0				
b. IN MILITARY HOUSING TO BE DISPOSED/REPLACED		3	16	0	19				
c. UNACCEPTABLE HOUSED IN COMMUNITY		0	0	0	0				
10. VOLUNTARY SEPARATIONS		0	0	0	0	0	0	0	0
11. EFFECTIVE HOUSING REQUIREMENTS		2,339	1,362	5,716	9,417	2,362	1,369	5,766	9,497
12. HOUSING ASSETS (a + b)		2,336	1,346	5,716	9,398	2,359	1,353	5,766	9,478
a. UNDER MILITARY CONTROL		410	684	3,978	5,072	410	684	3,978	5,072
(1) HOUSED IN EXISTING DOD OWNED/CONTROLLED		410	684	3,978	5,072	410	684	3,978	5,072
(2) UNDER CONTRACT/APPROVED						0	0	0	0
(3) VACANT		0	0	0	0				
(4) INACTIVE		0	0	0	0				
b. PRIVATE HOUSING		1,926	662	1,738	4,326	1,949	669	1,788	4,406
(1) ACCEPTABLY HOUSED		1,926	662	1,738	4,326				
(2) ACCEPTABLE VACANT RENTAL		0	0	0	0				
13. EFFECTIVE HOUSING DEFICIT		3	16	0	19	3	16	0	19
14. PROPOSED PROJECT						3	16	0	19
15. REMARKS Item 12.a.(1): 3369 on-base units are inadequate.									

1. COMPONENT AIR FORCE		PY 2003 MILITARY CONSTRUCTION PROJECT DATA (computer generated)				2. DATE		
3. INSTALLATION AND LOCATION OSAN AIR BASE, KOREA (REPUBLIC OF)				4. PROJECT TITLE REPLACE FURNISHINGS MGT WHSE				
5. PROGRAM ELEMENT 88741		6. CATEGORY CODE 442-769		7. PROJECT NUMBER SMYU014003		8. PROJECT COST (\$000) 834		
9. COST ESTIMATES								
ITEM					I/N	QUANTITY	UNIT	COST
FURNISHINGS MGT WHSE					SM	561	1,206	677
SUPPORTING FACILITIES								69
UTILITIES					LS			(21
PAVEMENTS					LS			(28
SITE IMPROVEMENTS					LS			(20
SUBTOTAL								746
CONTINGENCY (5%)								37
TOTAL CONTRACT COST								783
SUPERVISION, INSPECTION AND OVERHEAD (6.5%)								
TOTAL REQUEST								a34
AREA COST FACTOR 1.12								
<p>10. Description of Proposed Construction: All site preparation, drainage improvements, concrete foundation and slab, metal walls/roof over steel I-beam structure frames, fire sprinkler system, all utilities and supporting facilities. Project provides office with 1/2 size bathroom, open bay storage area, and mechanical/utility room. Includes telecon wiring, TV/computer cables, etc.</p> <p>Air Conditioning: 2 KW.</p>								
<p>11. REQUIREMENT: 561 ADEQUATE: 0 SUBSTANDARD: 514</p> <p>PROJECT: Replace building 409, Housing Supply & Storage Facility, by constructing a new warehouse. Companion project to SMYU00-3040 and SMYU004019R2. (Current Mission)</p> <p>REQUIREMENT: This project is required to replace building 409 which is slated for demolition in FY2003 to make way for the new Military Family Housing project. The facility must be climate controlled to preserve woods and fabrics, and requires a loading ramp and dock, appropriate shelving, security area for pilferables, flammable materials storage space, staging area for receiving assets and processing turn-ins.</p> <p>CURRENT SITUATION: There are two warehouses on Osan Air Base to support the functions of furnishings management, buildings 409 (514 SM) and 2468 (790 SM). Bldg 409 is projected for demolition because it is in the way of the new family housing project. The loss of this facility will severely inhibit the ability of Osan AB to provide adequate storage for furnishings, washers, dryers and other appliances. Due to the increase in military family housing and the limitations on shipping appliances Osan AB is required to keep a large inventory on-hand at all times. The only other facility (Bldg 2468) does not provide enough storage space to compensate for the loss of Bldg 409.</p> <p>IMPACT IF NOT PROVIDED: Bldg 409 will be demolished and leave the base with inadequate storage for furnishings and appliances. These items will be forced to be stored outside where they will be exposed to the weather and deteriorate at a rapid pace.</p> <p>ADDITIONAL: This project meets the criteria/scope specified in Part II of Military Handbook 1190, "Facility Planning and Design Guide". Sufficient funds from the Host Nation program are not available to support this requirement. Base Civil Engineer: Lt</p>								

1. COMPONENT AIR FORCE	FY 2003 MILITARY CONSTRUCTION PROJECT DATA (computer generated)		2. DATE
3. INSTALLATION AND LOCATION OSAN AIR BASE, KOREA (REPUBLIC OF)		4. PROJECT TITLE REPLACE FURNISHINGS MGT WHSE	
5. PROGRAM ELEMENT 00741	6. CATEGORY CODE 442-769	7. PROJECT NUMBER SMYU014003	8. PROJECT COST (\$000) 834

Col. Michael W. Hutchison, 011-82-31-661-4312.

BASE CIVIL ENGINEER: HUTCHISON

FOREIGN CURRENCY: FCF Budget Rate Used: WON 1265

1. COMPONENT AIR FORCE	FY 2003 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
3. INSTALLATION AND LOCATION OSAN AIR BASE, KOREA		
4. PROJECT TITLE REPLACE FURNISHINGS MGT WHSE	5. PROJECTNUMBER SMYU014003	
12. SUPPLEMENTAL DATA: a. Estimated Design Data: Design/Build (1) Status: <ul style="list-style-type: none"> (a) Date Design Started 01 Aug 25 (b) Parametric Cost Estimate used to develop costs N (c) Percent Complete as of Jan 2002 35 (d) Date 35% Designed 01 Dec 20 (e) Date Design Complete 02 May 25 (f) Energy Study/Life-Cycle analysis was performed; (2) Basis: <ul style="list-style-type: none"> (a) Standard or Definitive Design - NO (b) Where design was most recently used - N/A (3) Total Cost (c)=(a)+(b) o r (d)+(e): (\$40) <ul style="list-style-type: none"> (a) Production of Plans and Specifications 40 (b) All other Design Costs 0 (c) Total 40 (d) Contract 40 (e) In-house (4) Construction Start 03 Apr (5) Construction Completion 04Jul b. Equipment associated with this project will be provided from other appropriations: N/A		

1. COMPONENT AIR FORCE	FY 2003 MILITARY CONSTRUCTION PROJECT DATA (computer generated)		2. DATE
3. INSTALLATION AND LOCATION RAF LAKENHEATH, UNITED KINGDOM		4. PROJECT TITLE FAMILY HOUSING MANAGEMENT FACILITY	
5. PROGRAM ELEMENT 80741	6. CATEGORY CODE 610-119	7. PROJECT NUMBER MSET984304	8. PROJECT COST (\$000) 2,203
9. COST ESTIMATES			
ITEM	U/M	QUANTITY	UNIT COST
FAMILY HOUSING MANAGEMENT FACILITY	SM	582	1,976
SUPPORTING FACILITIES			839
UTILITIES	LS		(164)
SITE IMPROVEMENTS	LS		(130)
DEMOLITION	LS		(134)
PARKING	LS		(75)
FORCE PROTECTION	LS		(336)
SUBTOTAL			1,989
CONTINGENCY (5%)			99
TOTAL CONTRACT COST			2,088
SUPERVISION, INSPECTION AND OVERHEAD (5.5%)			115
TOTAL REQUEST			2,203
AREA COST FACTOR	1.44		
MOST EXPENSIVE UNIT	0		
10. Description of Proposed Construction: Replace housing management facility. Provides site preparation, drainage, improvement, concrete foundation, brick veneer exterior, tiled roof, and decorative interior finishings. Facility will include: - offices, restrooms, computer equipment room, counseling and meeting rooms, customer waiting area, and interior and exterior child play areas. Includes all utilities, parking and fire suppression.			
11. REQUIREMENT: 582SM ADEQUATE: OSM SUBSTANDARD: 805 SM PROJECT: Construct Regional Family Housing Management Facility in support of RAF Lakenheath and RAF Mildenhall (Current Mission). <u>REQUIREMENT:</u> An adequate facility is required for 34 people managing 2500 government owned/leased housing units and 3600 rental properties for the 5000 families (military, DODDS, AAFES, and US civilians) and 3300 unaccompanied personnel assigned to RAF Lakenheath and RAF Mildenhall. <u>CURRENT SITUATION:</u> The Housing Management function is located in a dilapidated 1948 barracks. The barracks room configuration does not adequately accommodate housing management functions and customer service requirements. The electrical and mechanical systems are failing and difficult to maintain. Lighting and thermal insulation is inadequate. Asbestos is present throughout the facility. The housing office serves a monthly average of 3600 customers, (40,000 a year), to secure housing, accomplish TLA paperwork, and obtain housing referrals/listings, housing/dormitory assignments and customer complaint mediation. The "Z" shape configuration requires customers to wind through a maze as well as change floor levels to complete simple transactions. During peak periods, up to 60 customers await service in a reception area meant for only 10 - 15 people. Customers are frustrated due to the lack of customer service space and resultant delays. New arrivals average 1-4 hours daily, during their first 30 days when searching for rental housing. There are no interior or exterior play areas for children			

1. COMPONENT AIR FORCE	FY 2003 MILITARY CONSTRUCTION PROJECT DATA (computer generated)		2. DATE
3. INSTALLATION AND LOCATION RAP LAKENHEATH, UNITED KINGDOM		4. PROJECT TITLE FAMILY HOUSING MANAGEMENT FACILITY	
5. PROGRAM ELEMENT 88741	6. CATEGORY CODE 610-119	7. PROJECT NUMBER MSET984304	8. PROJECT COST (\$000) 2,203
<p>co use while parents are being counseled on housing matters.</p> <p><u>IMPACT IF NOT PROVIDED:</u> Due to the poor condition of the existing facility, the cost of major repairs or improvements necessary to bring it up to modern standards would exceed 70% of the replacement value but would still not provide an adequate housing management facility. The deteriorated and unprofessional environment of this facility will continue to inhibit worker productivity and will not meet customer needs. The lack of child play areas will contribute to overcrowding and increased noise.</p> <p><u>ADDITIONAL:</u> This facility is required to ensure incoming personnel can quickly secure affordable housing within a reasonable commuting/response area and with minimal difficulties. It will be handicapped accessible and have parking spaces for workers and daily customers. The facility will provide 24-hour service lobby, office space, conference room, private counseling rooms, administrative space, reception and customer waiting areas. A request for waiver of economic analysis has been prepared based on the fact there is only one possible alternative to accomplish this objective. This project meets the criteria/scope outlined in the Air Force Housing Support Facilities guide.</p> <p>Base Civil Engineer: Lt Col Thomas D. Quasney (011) 44 1638 522100. This project is not eligible for NATO funding.</p> <p><u>BASE CIVIL ENGINEER:</u> Quasney</p> <p><u>FOREIGN CURRENCY:</u> FCF Budget Rate Used: POUND .7091</p>			

1. COMPONENT AIR FORCE	FY 2003 MILITARY CONSTRUCTION PROJECT DATA	2. DATE																																				
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12. SUPPLEMENTAL DATA: a. Estimated Design Data: Design/Build <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="padding-left: 20px;">(1) Status:</td> <td></td> </tr> <tr> <td style="padding-left: 40px;">(a) Date Design Started</td> <td style="text-align: right;">01 Aug 25</td> </tr> <tr> <td style="padding-left: 40px;">(b) Parametric Cost Estimate used to develop costs</td> <td style="text-align: right;">N</td> </tr> <tr> <td style="padding-left: 40px;">(c) Percent Complete as of Jan 2002</td> <td style="text-align: right;">35</td> </tr> <tr> <td style="padding-left: 40px;">(d) Date 35% Designed</td> <td style="text-align: right;">01 Dec 20</td> </tr> <tr> <td style="padding-left: 40px;">(e) Date Design Complete</td> <td style="text-align: right;">02 May 20</td> </tr> <tr> <td style="padding-left: 40px;">(f) Energy Study/Life-Cycle analysis was performed;</td> <td></td> </tr> <tr> <td>(2) Basis:</td> <td></td> </tr> <tr> <td style="padding-left: 20px;">(a) Standard or Definitive Design -</td> <td style="text-align: right;">NO</td> </tr> <tr> <td style="padding-left: 20px;">(b) Where design was most recently used -</td> <td style="text-align: right;">N/A</td> </tr> <tr> <td>(3) Total Cost (c)=(a)+(b) or(d)+(e):</td> <td style="text-align: right;">(\$100)</td> </tr> <tr> <td style="padding-left: 20px;">(a) Production of Plans and Specifications</td> <td style="text-align: right;">100</td> </tr> <tr> <td style="padding-left: 20px;">(b) All other Design Costs</td> <td style="text-align: right;">0</td> </tr> <tr> <td style="padding-left: 20px;">(c) Total</td> <td style="text-align: right;">100</td> </tr> <tr> <td style="padding-left: 20px;">(d) Contract</td> <td style="text-align: right;">100</td> </tr> <tr> <td style="padding-left: 20px;">(e) In-house</td> <td></td> </tr> <tr> <td>(4) Construction Start</td> <td style="text-align: right;">03 Apr</td> </tr> <tr> <td>(5) Construction Completion</td> <td style="text-align: right;">04 Jul</td> </tr> </table> <p>b. Equipment associated with this project will be provided from other appropriations: N/A</p>			(1) Status:		(a) Date Design Started	01 Aug 25	(b) Parametric Cost Estimate used to develop costs	N	(c) Percent Complete as of Jan 2002	35	(d) Date 35% Designed	01 Dec 20	(e) Date Design Complete	02 May 20	(f) Energy Study/Life-Cycle analysis was 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):	(\$100)	(a) Production of Plans and Specifications	100	(b) All other Design Costs	0	(c) Total	100	(d) Contract	100	(e) In-house		(4) Construction Start	03 Apr	(5) Construction Completion	04 Jul
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