

Department of the Air Force

Military Construction and Family Housing Program

Fiscal Year (FY) 2003 Budget Submission

Justification Data Submitted to Congress February 2002

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February 2002	

POST ACQUISITION CONSTRUCTION

FY 2003 POST ACQUISITION CONSTRUCTION

Program (In Thousands) FY 2003 Program \$ 226,068 FY 2002 Program \$ 365,791* Proposed Transfer to the FHIF <u>\$5,324</u>* Total Before Proposed FHIF Transfer \$371,115*

Purpose and Scope

The Air Force has approximately 103,000 family housing units (includes 22,000 privatized units) for FY 2003. The average age of housing units in the Air Force inventory is over 38 years. Based on recent analysis incorporated into the Air Force Family Housing Master Plan (AF FHMP), in the beginning of FY 2003 approximately 46,000 of these units now require improvement or renovation to meet contemporary living standards during the next decade. Under existing agreements, it is expected the host nations will revitalize 3,000 units leaving 43,000 units for the Air Force to revitalize. Many of these units require major expenditures to repair or replace deteriorated mechanical, electrical, or structural components, and to provide some of the basic modern amenities found in comparable community housing. The Post Acquisition Construction Program provides this needed revitalization. Each project also includes a significant amount of concurrent maintenance and repair to maximize the project cost effectiveness (average per project is 60%).

The Air Force is the acknowledged DoD leader in developing the "whole house" revitalization concept. Whole house is the combination of needed maintenance and repair together with improvements to bring the unit to contemporary standards. In addition, we are looking beyond the house to the entire housing area in our requirements plan. Our "whole neighborhood" concept is being refined and includes the development of supporting housing infrastructure requirements, neighborhood vehicular and pedestrian circulation concepts to consider siting, density, landscaping, parking, playgrounds, recreation areas and utilities, in addition to the housing unit itself.

*Reporting requirement of 1990 Federal Credit Reform Act and OMB regulations. Including the \$5,324,000 proposed transfer to the FHIF, FY02 construction funds total \$544,496,000.

Since Congress has extended the authorities for privatizing military family housing, five projects are identified as privatization candidates in this submission (Maxwell AFB, AL; Hanscom AFB, MA; Cannon AFB, NM; Shaw AFB, SC; and F.E. Warren AFB, WY). With the exception of Cannon AFB, the AF does not anticipate that funds will be required for privatization projects at the other four bases. If privatization proves not to be financially feasible or not in the best interest of the Air Force, the Air Force will instead execute an improvement project at such an installation as follows:

BASE	PRIVATIZATION	MILCON
Maxwell AFB, AL	(\$0.0M/6 14 units)	(\$0/0 units)
Hanscom AFB, MA	(\$0.0M/687 units)	(\$0/0 units)
Cannon AFB, NM	(\$7.754M/1,294 units)	(\$7.754M/100 units)
Shaw AFB, SC	(\$0.0M/1,704 units)	(\$0/0 units)
F.E. Warren AFB, WY	(\$0.0M/265 units)	(\$0/0 units)

Consistent with Authorization and Appropriation Committees' language in FY 1990, the Air Force is seeking to maintain funding in this account to continue revitalizing our aging homes. Consistent with Appropriation Committees' language in FY 1985, the Air Force has gathered data on the post acquisition construction projects to detail past projects on these units and any future work being programmed within a three year period. This information is provided as a part of this submittal.

Program Summary

Authorization is requested for:

(1) Various improvements to existing public quarters, as described on DD Form 1391.

(2) Appropriation of \$226,068,000 to fund projects in FY 2003.

NOTE: Projects within the program are within the statutory limitation of \$50,000 per unit adjusted by area cost factor, except as identified by separate DD Form 1391.

	NSTRU	CTION PROJE	CT DATA	
3. INSTALLATION AND LOCATION		4. PROJECT TITLE		
		FAMILY HOUSI	NG POST AC	QUISITION
VARIOUS AIR FORCE BASES 5. PROGRAM ELEMENT 6. CATEGORY CODE	7 000	CONSTRUCTION		COCT (*000)
5. PROGRAM ELEMENT 6. CATEGORT CODE	7. PRO	JECT NUMBER	8. PROJECT	COST (\$000)
88742 711-000			220	6,068
9. COST	ESTIMAT	E		COST
ITEM	U/M	QUANTITY	UNIT COST	(\$000)
POST ACQUISITION CONSTRUCTION PROJECTS TO IMPROVE HOUSING UNITS PROJECTS TO PRIVATIZE HOUSING UNITS PROJECTS TO IMPROVE INFRASTRUCTURE SUBTOTAL TOTAL CONTRACT COST TOTAL REQUEST	UN UN LS	1,726 4,564	120,614	226,068 (208,180) (7,754) (10,134) 226,068 226,068 226,068
 10. DESCRIPTION OF PROPOSED CONSTRUCTION: Includes all work necessary to revitalize military family housing by providing: air conditioning, where authorized; modem functional layouts; soundproofing; and utility and site improvements. Energy conservation actions include new and additional insulation, storm windows, solar screens, and efficient heating and cooling systems. 11. PROJECT: This request is for an authorization and appropriation of \$226.068 million to accomplish improvement and privatization in family housing. REOUREMENT: To revitalize and improve the livability of older, obsolete family housing units, to conserve energy in these older housing units, and to bring utility systems up to current safety standards. Whole-house improvements include but are not limited to: kitchen upgrades, bathroom additions/upgrades, repair/replacement of roofs, upgrade of mechanical and electrical systems, replacement of windows, doors, floors, and exterior improvements (patios, fences, storages, etc.) CURRENT SITUATION: The majority of these family housing units were constructed since the late 1940's or 1950's using various design and construction criteria, with different types of material, equipment, and appliances. Many utility and structural systems were constructed during years of plentiful, inexpensive energy resources. Insulation, storm windows and doors, etc., not previously cost effective, are now sound investment. This program will extend the useful life of many of our older, less modem units by enhancing livability, functionality, reducing operation costs and improving safety standards. ADDITIONAL: These projects meet the criteria/scope specified in Part II of Military Handbook 1190, "Facility Planning and Design Guide." Energy evaluation/life-cycle cost analysis was performed in support of these projects. The Air Force will improve existing family housing units to the size and floor pattern similar to the local standards and up to the following si				

DD FORM 1391, DEC 76

1. COMPONENT AIR FORCE		2. DATE
AIR FORCE	FY 2003 MILITARY CONSTRUCTION PRO	DJECI DATA
3. INSTALLATION AND LO VARIOUS AIR FORCE		
4. PROJECT TITLE POST ACQUISITION (CONSTRUCTION	5. PROJECT NUMBER
10. Description of work		
	ion and Project	Current Working Estimate (\$000)
UNITEDSTATES		
Without privatiza anticipated levera	Y HOUSING for privatization on approximately 150 acres of leased lat tion, the MILCON cost for the work is \$28.5M for an ge of -5.0: 1. Privatized units will provide general interior vation and renovation. Includes utility upgrade and addition	and
to meet current st (Separate DD Fo - WORK ACCOMF	, 10	ns
drainage section pavement, comp - WORK ACCOM	Y SYSTEM m drainage system. It includes demolishing existing storm and construct new section, catchbasins, concrete and asph acted subgrade, sidewalk, curb and gutter, and landscapin MPLISHED IN PREVIOUS THREE YEARS: None MPLISHED FOR NEXT THREE YEARS: None	nalt
water, and sewer lin - WORK ACCOMP	derground utility system including steam, condensate return,	2,352
and sewer lines. C - WORK ACCOMPI	SYSTEM Inderground utility system including steam condensate return, Construct concrete sidewalk and park with playgrounds. LISHED IN PREVIOUS THREE YEARS: None LISHED FOR NEXT THREE YEARS: None	1,675

1. COMPONENT AIR FORCE

A MULTARY CONSTRUCTION DRO LEGT DATA

2. DATE

AIR FORCE	FY 2003 MILITARY CONSTRU	JCTION PROJECT DATA
INSTALLATION AND LO		
PROJECT TITLE	ASES	5. PROJECT NUMBER
OST ACQUISITION C	NSTRUCTION	
0. Description of work	be accomplished	
		Current Working
Locati	and Project	Estimate (\$000)
LASKA		
LMENDORF AFB		26,927
IMPROVE FAMILY FXSB034403	JUSING	
	y housing units, with all necessary amen	ities and supporting
	cludes interior and exterior modernizat	
	et current standards. Upgrades kitchens	
	s increased energy efficiency, garages, j	
	stos and lead paint removal.	
(Separate DD Fo		
	SHED IN PREVIOUS THREE YEARS: R	
- WUKK ACCOMP	SHED FOR NEXT THREE YEARS: None	
RIZONA		
DAVIS-MONTHAN	FB	81
IMPROVE UTILITY	YSTEM	
FBNV030017		
	reducing station for Wherry housing wa	
	Project will consist of a 17SM building	
	ng valves, water meter, and associated p This project will be designed and acco	
by contract.	This project will be designed and acco	niprisited
	ISHED IN PREVIOUS THREE YEARS:	None
	ISHED FOR NEXT THREE YEARS: Not	
DAVIS-MONTHAN	FB	482
IMPROVE NEIGHB		
FBNV990112		
	rpose playing court for roller blading an	
	om, landscaping, irrigation, drinking for	
	This project will be designed and acco	mplished
by contract.	ISHED IN PREVIOUS THREE YEARS:	None
	ISHED FOR NEXT THREE YEARS: Not	
DAVIS-MONTHAN	FR	398
IMPROVE NEIGHB		570
FBNV000036		
	anting trees, shrubs, and vegetation; pla	cing granite
	of drip irrigation system; and site work.	
and rock, installi		
project will be d	gned and accomplished by contract.	
project will be d - WORK ACCOM	ISHED IN PREVIOUS THREE YEARS:	
project will be d - WORK ACCOM		

PAGE NO

1. COMPONENT AIR FORCE	EV 2022 MILITARY CONSTRUCTION PRO		2. DATE
This Force	FY 2003 MILITARY CONSTRUCTION PRO	JECT DATA	
3. INSTALLATION AND LO VARIOUS AIR FORCE			
4. PROJECT TITLE		5. PROJECT NUMBE	R
POST ACQUISITION C			
10. Description of work	to be accomplished	Current W	orking
Locati	ion and Project	Estimate	-
CALIFORNIA			
BEALE AFB		127	
IMPROVE PLAYGE	ROUND		
BAEY980006M2			
	nd equipment, site furnishings, and landscaping details		
	reas in Military Family Housing. Work includes site clearing	ng,	
	ration, installation of irrigation systems for landscaping,		
1 0	stablishing fall zone areas with playground safety surfacing rder, and installation for playground equipment.		
	LISHED IN PREVIOUS THREE YEARS: None		
	LISHED FOR NEXT THREE YEARS: None		
CALIFORNIA			
LOS ANGELES AF		491	
IMPROVE INFRAST	TRUCTURE		
HHEKO 14063 Bonoir povomo	nts and housing roads. Domolish avisting roadway, such		
and gutters, an	nts and housing roads. Demolish existing roadway, curb		
-	IPLISHED IN PREVIOUS THREE YEARS: None		
	IPLISHED FOR NEXT THREE YEARS: None		
COLORADO			
USAF ACADEMY		6,466	5
IMPROVE FAMILY	HOUSING		
XQPZ037226			
	using units with all necessary amenities and supporting fac		
	s interior and exterior modernization, utility upgrades, and additi	lons	
	rical, plumbing and lighting systems. Form 1391 attached)		
	IPLISHED IN PREVIOUS THREE YEARS: None		
	IPLISHED FOR NEXT THREE YEARS: None		
USAF ACADEMY		134	
IMPROVE NEIGHB	ORHOOD	10.	
XQPZ037320			
	ping and neighborhood trail in accordance with		
-	ommunity profile.		
	ndscaped entrance areas into the housing area.		
	IPLISHED IN PREVIOUS THREE YEARS: None		
- WORK ACCOMI	plished for next three years: None		

PAGE NO

2. DATE 1. COMPONENT AIR FORCE FY 2003 MILITARY CONSTRUCTION PROJECT DATA 3. INSTALLATION AND LOCATION VARIOUS AIR FORCE BASES 4. PROJECT TITLE 5. PROJECT NUMBER POST ACQUISITION CONSTRUCTION io. Description of work to be accomplished Current Working Estimate (\$000) Location and Project **COLORADO** PETERSON AFB 7,531 IMPROVE FAMILY HOUSING TDKA034020 - Improve 87 family housing units with all necessary amenities and supporting facilities. Project includes interior modernization, additions, and community improvement to meet current standards. Renovate kitchens, bathrooms, and floor coverings. Converts 26 three-bedroom units to four-bedroom units and 48 three-bedroom units to two-bedroom units to meet current requirements. Additionally, 12 four-bedroom units and 1 single-family units will renovate to meet the new size standards. Provides playgrounds and recreation areas and connecting concrete sidewalks. (Separate DD Form 139 1 attached) - WORK ACCOMPLISHED IN PREVIOUS THREE YEARS: None - WORK ACCOMPLISHED FOR NEXT THREE YEARS: None 795 PETERSON AFB IMPROVE PARKING TDKA034000 - Demolish existing carports and asphalt paving, construct new asphalt pavement, and eight-car garages with individual stalls, concrete foundations, wood framing, standing seam metal roofing, lighting, and electrical outlets. - WORK ACCOMPLISHED IN PREVIOUS THREE YEARS: None - WORK ACCOMPLISHED FOR NEXT THREE YEARS: None DISTRICT OF COLUMBIA 562 BOLLING AFB IMPROVE ELECTRICAL SYSTEM BXUR034008 - Project replaces transformers and cable. Replaces switch with a 4-way switch, which will facilitate isolating the housing loop. Converts this housing loop into 2 loops. - WORK ACCOMPLISHED IN PREVIOUS THREE YEARS: None - WORK ACCOMPLISHED FOR NEXT THREE YEARS: None **FLORIDA** 12,422 HURLBURT FIELD IMPROVE FAMILY HOUSING FTEV994022 - Improve 213 housing units. Provides general interior and exterior modernization and renovation Includes utility upgrades to meet current standards. Upgrades kitchensbathrooms, improves HVAC, plumbing and electrical systems, provides signage, landscaping, additional outside storage and parking spaces. Includes asbestos/lead-based paint removal and radon mitigation. (Separate DD Form 139 1 attached) - WORK ACCOMPLISHED IN PREVIOUS THREE YEARS: None - WORK ACCOMPLISHED FOR NEXT THREE YEARS: None

PAGE NO

1. COMPONENT AIR FORCE

FY 2003 MILITARY CONSTRUCTION PROJECT DATA

2. DATE

AIR FORCE	FY 2003 MILITARY CONSTRUCTION PRO	DJECT DATA
3. INSTALLATION AND LO VARIOUS AIR FORCE		•
4. PROJECT TITLE	DASES	5. PROJECT NUMBER
POST ACOUISITION C	CONSTRUCTION	
10. Description of work	to be accomplished	Current Working
Locat	ion and Project	Estimate (\$000)
FLORIDA		
HURLBURT FIELD		103
IMPROVE NEIGHB FTEV014001A	OKHOOD	
	ished screened patio to seven existing housing units	
	pavement. Work shall include addition of new exterior	
	fixtures. Patio cover is fully screened and has one screen	
door to backyard.	-	
	ISHED IN PREVIOUS THREE YEARS: None	
- WORK ACCOMPL	ISHED FOR NEXT THREE YEARS: None	
PATRICK AFB		452
IMPROVE NEIGHBOI	RHOOD	
SXHT994025P1	an a 2.05 Mater accounts Dimensionality in the Marth Handing	
	er x 3.05 Meter concrete Riverwalk in the North Housing se 1 of Multi Phase Project along the Banana River waterfront.	
	LISHED IN PREVIOUS THREE YEARS: None	
	LISHED FOR NEXT THREE YEARS: None	
TYNDALL AFB		101
	SUPPLY & STORAGE FACILITY	101
XLWU004010		
	concrete slab, and erect a pre-engineered metal building with	
	Building to be complete with lights, fire protection/alarms,	
personnel door, an - WORK ACCOMI	PLISHED IN PREVIOUS THREE YEARS: None	
	PLISHED FOR NEXT THREE YEARS: None	
CEODOLA		
<u>GEORGIA</u> ROBINS AFB		256
IMPROVE INFRASTR	UCTURE	200
UHHZO 14022		
	m drainage system. It includes removing existing debris,	
	te trenches and replacing culverts and drainage as necessa	ry
	ISHED IN PREVIOUS THREE YEARS: None ISHED FOR NEXT THREE YEARS: None	
- WORK ACCOMPL	ISHED FOR NEXT THREE YEARS. NOTE	
MASSACHUSETTS		
HANSCOM AFB		0
PRIVATIZE FAMIL	Y HOUSING	
MXRD993002	dminister the privatization initiative for 687 housing units	
_	m 139 1 attached)	
	LISHED IN PREVIOUS THREE YEARS: None	
	PLISHED FOR NEXT THREE YEARS: None	

AIR FORCE FY 2003 MILITARY CONSTRUCTION PROJECT DATA 3: INSTALLATION AND LOCATION VARIOUS AIR FORCE BASES	1. COMPONENT		L. DAT	E
VARIOUS AIR FORCE BASES 4. PROJECT TITLE POST ACQUISITION CONSTRUCTION w. Description of work to be accomplished Location and Project Current Working Estimate (\$000) MISSISSIPPI KEESLER AFB 175 MMROVE STREETS MAHG014601E • Mill 2 inches off of existing asphalt streets and replace with new surface course material. Replace street reflectors. Project includes Patton Street in Bayridge. Coolidge Drive in East Falcon, and MeNamey and Sweeny Drives in North Thrower Park. • WORK ACCOMPLISHED FOR NEXT THREE YEARS: None MISSOURI WHITEMAN AFB IMPROVE UTILITY SYSTEM 474 YWHG952003R1 • Regrade and reshape the terrain to provide storm drainage away from the housing units and the housing area. It includes excavation, backfill, subsurface drains, retaining walls, collector drainage system and landscaping. • WORK ACCOMPLISHED IN PREVIOUS THREE YEARS: None • WORK ACCOMPLISHED FOR NEXT THREE YEARS: None NEW MEXICO CANNON AFB PRIVATIZE FAMILY HOUSING CZQ2030004 • Conveys 1.294 existing single and multiplex family housing units for A privatization, end state, on approximately 4 17 acres of leased land. Without privatization, the MILCON cost for this wo	AIR FORCE	FY 2003 MILITARY CONSTRUCTION PRO	DJECT DATA	
VARIOUS AIR FORCE BASES 4.PROJECT TITLE POST ACQUISITION CONSTRUCTION io. Description of work to be accomplished Location and Project MISSISSIPPI KEESLER AFB IMPROVE STREETS MAHG014601E • MIL 2 inches off of existing asphalt streets and replace with new surface course material. Replace street reflectors. Project includes Patton Street in Bayridge. Coolidge Drive in East Falcon, and MeNamey and Sweeny Drives in North Thrower Park. • WORK ACCOMPLISHED IN PREVIOUS THREE YEARS: None • WORK ACCOMPLISHED FOR NEXT THREE YEARS: None MISSOURI WHITEMAN AFB IMPROVE UTILITY SYSTEM 474 YWHG952003R1 • Regrade and reshape the terrain to provide storm drainage away from the housing units and the housing area. It includes excavation, backfill, subsurface drains, retaining walls, collector drainage system and landscaping. • WORK ACCOMPLISHED IN PREVIOUS THREE YEARS: None • WORK ACCOMPLISHED FOR NEXT THREE YEARS: None • WORK ACCOMPLISHED FOR NEXT THREE YEARS: None • WORK ACCOMPLISHED IN PREVIOUS THREE YEARS: None • WORK ACCOMPLISHED FOR NEXT THREE YEARS: None • WORK ACCOMPLISHED FOR NEXT THREE YEARS: None • WORK ACCOMPLISHED FOR NEXT THREE YEARS: None • WORK ACCOMPL		CATION		
4. PFOJECT TITLE 5. PROJECT NUMBER POST ACQUISITION CONSTRUCTION 6. Description of work to be accomplished Current Working Location and Project Estimate (\$000) MISSISSIPPI KEESLER AFB 175 MPROVE STREETS 175 MAHGO14601B 175 • Mill 2 inches off of existing asphalt streets and replace with new surface course material. Replace street reflectors. Project includes Patron Street in Bayridge, Coolidge Drive in East Falcon, and McNamey and Sweeny Drives in North Thrower Park. • WORK ACCOMPLISHED IN PREVIOUS THREE YEARS: None •WORK ACCOMPLISHED FOR NEXT THREE YEARS: None • WORK ACCOMPLISHED FOR NEXT THREE YEARS: None 474 YWHG952003R1 474 • Regrade and reshape the terrain to provide storm drainage away from the housing units and the housing area. It includes excavation, backfill, subsurface drains, retaining walls, collector drainage system and landscaping. 474 • WORK ACCOMPLISHED FOR NEXT THREE YEARS: None 7.754 • WORK ACCOMPLISHED FOR NEXT THREE YEARS: None 7.754 NEW MEXICO CANNON AFB 7.754 • Conveys 1,294 existing single and multiplex family housing units for A privatization, end state, on approximately 4 17 acres of leased land. Without privatization, the MILCON cost for this work is \$58.3M for A leverage of 7.47: 1. Privatized units will provide modem interior and exterior upgrades and meet current AF space and fl				
io. Description of work to be accomplished Location and Project Current Working Estimate (\$000) MISSISSIPPI KEESLER AFB INPROVE STREETS MAIGO14601E 175 • Mill 2 inches off of existing asphalt streets and replace with new surface course material. Replace street reflectors. Project includes Patton Street in Bayridge, Coolidge Drive in East Falcon, and McMarmey and Sweeny Drives in North Thrower Park. 175 • WORK ACCOMPLISHED IN PREVIOUS THREE YEARS: None 175 • WORK ACCOMPLISHED FOR NEXT THREE YEARS: None 174 • WORK ACCOMPLISHED FOR NEXT THREE YEARS: None 474 • WORK ACCOMPLISHED FOR NEXT THREE YEARS: None 474 • WORK ACCOMPLISHED FOR NEXT THREE YEARS: None 474 • WORK ACCOMPLISHED FOR NEXT THREE YEARS: None 474 • WORK ACCOMPLISHED IN PREVIOUS THREE YEARS: None 474 • WORK ACCOMPLISHED IN PREVIOUS THREE YEARS: None 7,754 • WORK ACCOMPLISHED FOR NEXT THREE YEARS: None 7,754 • WORK ACCOMPLISHED FOR NEXT THREE YEARS: None 7,754 • WORK ACCOMPLISHED FOR NEXT THREE YEARS: None 7,754 • WORK ACCOMPLISHED FOR NEXT THREE YEARS: None 7,754 • WORK ACCOMPLISHED FOR NEXT THREE YEARS: None 7,754 • WORK ACCOMPLISHED FOR NEXT THREE YEARS: None 7,754 • WORK ACCOMPLISHED FOR NEXT THREE YEAR			5. PROJECT NUMBER	
Location and Project Current Working Estimate (\$000) MISSISSIPPI KEESLER AFB 175 MMROUE STREETS MAHG014601E 175 • Mill 2 inches off of existing asphalt streets and replace with new surface course material. Replace street reflectors. Project includes Patton Street in Bayridge, Coolidge Drive in East Falcon, and McNarney and Sweeny Drives in North Thrower Park. 175 • WORK ACCOMPLISHED IN PREVIOUS THREE YEARS: None 175 • WORK ACCOMPLISHED FOR NEXT THREE YEARS: None 174 MISSOURI 474 WHITEMAN AFB 474 WWHG952003RI 474 • Regrade and reshape the terrain to provide storm drainage away from the housing units and the housing area. It includes excavation, backfill, subsurface drains, retaining walls, collector drainage system and landscaping. 474 • WORK ACCOMPLISHED IN PREVIOUS THREE YEARS: None 800 NEW MEXICO 7,754 PRIVATIZE FAMILY HOUSING 7,754 PRIVATIZE FAMILY HOUSING 7,754 CZQ2030004 • Conveys 1,294 existing single and multiplex family housing units for A privatization, end state, on approximately 4 17 acres of leased land. Without privatization, the MILCON cost for this work is \$\$8.3M for A leverage of 7.47: 1. Privatized units will provide modem interior and exterior upgrades and meet current AF space and floor plan standards (Separate DD Form 1391 attached) • WORK	POST ACQUISITION C	CONSTRUCTION		
Location and Project Estimate (\$000) MISSISSIPPI KEESLER AFB 175 MMPROVE STREETS MAHG014601E 175 • WII1 2 inches off of existing asphalt streets and replace with new surface course material. Replace street reflectors. Project includes Patton Street in Bayridge, Coolidge Drive in East Failcon, and McMamey and Sweeny Drives in North Thrower Park. 175 • WORK ACCOMPLISHED IN PREVIOUS THREE YEARS: None 176 MISSOURI WHITEMAN AFB 474 VWHG952003R1 474 • Regrade and reshape the terrain to provide storm drainage away from the housing units and the housing area. It includes excavation, backfill, subsurface drains, retaining walls, collector drainage system and landscaping. 474 • WORK ACCOMPLISHED IN PREVIOUS THREE YEARS: None 7,754 NEW MEXICO CANNON AFB 7,754 • Conveys 1,294 existing single and multiplex family housing units for A privatization, end state, on approximately 4 17 acres of leased land. Without privatization, the MILCON cost for this work is \$58.3M for A leverage of 7,47: 1. Privatized units will provide modem interior and exterior upgrades and meet current AF space and floor plan standards (Separate DD Form 1391 attached) • WORK ACCOMPLISHED IN PREVIOUS THREE YEARS: None	10. Description of work	to be accomplished	Current Working	
KEESLER AFB 175 MPROVE STREETS • Mill 2 inches off of existing asphalt streets and replace with new surface course material. Replace street reflectors. Project includes Patton Street in Bayridge, Coolidge Drive in East Falcon, and McNamey and Sweeny Drives in North Thrower Park. • WORK ACCOMPLISHED IN PREVIOUS THREE YEARS: None • WORK ACCOMPLISHED FOR NEXT THREE YEARS: None • WORK ACCOMPLISHED FOR NEXT THREE YEARS: None 474 MISSOURI WHITEMAN AFB 474 WHROVE UTILITY SYSTEM 474 YWHG952003R1 • Regrade and reshape the terrain to provide storm drainage away from the housing units and the housing area. It includes excavation, backfill, subsurface drains, retaining walls, collector drainage system and landscaping. • WORK ACCOMPLISHED FOR NEXT THREE YEARS: None • WORK ACCOMPLISHED FOR NEXT THREE YEARS: None • WORK ACCOMPLISHED FOR NEXT THREE YEARS: None 7,754 • WORK ACCOMPLISHED FOR NEXT THREE YEARS: None 7,754 7,754 • WORK ACCOMPLISHED FOR NEXT THREE YEARS: None 7,754 • WORK ACCOMPLISHED FOR NEXT THREE YEARS: None 7,754 • WORK ACCOMPLISHED FOR NEXT THREE YEARS: None 7,754 • WORK ACCOMPLISHED FOR NEXT THREE YEARS: None 7,754 • WORK ACCOMPLISHED FOR NEXT THREE YEARS: None 7,754 • WORK ACCOMPLISHED IN PREVIOUS of this work is \$58.3M for 7,754	Locat	on and Project		
WHITEMAN AFB 474 IMPROVE UTILITY SYSTEM 474 YWHG952003R1 - Regrade and reshape the terrain to provide storm drainage away from the housing units and the housing area. It includes excavation, backfill, subsurface drains, retaining walls, collector drainage system and landscaping. - WORK ACCOMPLISHED IN PREVIOUS THREE YEARS: None - WORK ACCOMPLISHED FOR NEXT THREE YEARS: None - WORK ACCOMPLISHED FOR NEXT THREE YEARS: None NEW MEXICO 7,754 CANNON AFB 7,754 PRIVATIZE FAMILY HOUSING 7,754 CZQZ030004 - Conveys 1,294 existing single and multiplex family housing units for A privatization, end state, on approximately 4 17 acres of leased land. Without privatization, the MILCON cost for this work is \$58.3M for A leverage of 7.47: 1. Privatized units will provide modem interior and exterior upgrades and meet current AF space and floor plan standards (Separate DD Form 1391 attached) - WORK ACCOMPLISHED IN PREVIOUS THREE YEARS: None - WORK ACCOMPLISHED IN PREVIOUS THREE YEARS: None	KEESLER AFB IMPROVE STREETS MAHG014601E - Mill 2 inches off of Replace street refle Falcon, and McNa - WORK ACCOMP	ectors. Project includes Patton Street in Bayridge, Coolidge Driv rney and Sweeny Drives in North Thrower Park. LISHED IN PREVIOUS THREE YEARS: None	aterial.	
CANNON AFB7,754PRIVATIZE FAMILY HOUSINGCZQZ030004- Conveys 1,294 existing single and multiplex family housing units for A privatization, end state, on approximately 4 17 acres of leased land. Without privatization, the MILCON cost for this work is \$58.3M for A leverage of 7.47: 1. Privatized units will provide modem interior and exterior upgrades and meet current AF space and floor plan standards (Separate DD Form 1391 attached)- WORK ACCOMPLISHED IN PREVIOUS THREE YEARS: None	WHITEMAN AFB IMPROVE UTILITY YWHG952003R1 - Regrade and resh housing units an drains, retaining - WORK ACCOMP	ape the terrain to provide storm drainage away from the d the housing area. It includes excavation, backfill, subsur walls, collector drainage system and landscaping. LISHED IN PREVIOUS THREE YEARS: None		
	CANNON AFB PRIVATIZE FAMILY CZQZ030004 - Conveys 1,294 et A privatization, e Without privatiza A leverage of 7.4 exterior upgrades (Separate DD Fo - WORK ACCOMP	xisting single and multiplex family housing units for end state, on approximately 4 17 acres of leased land. tion, the MILCON cost for this work is \$58.3M for 7: 1. Privatized units will provide modem interior and a and meet current AF space and floor plan standards rm 1391 attached) LISHED IN PREVIOUS THREE YEARS: None	7,754	

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1. COMPONENT			2. DATE
AIR FORCE	FY 2003 MILITARY CONSTRUCTION PRO	JECT DATA	
3. INSTALLATION AND LO			
VARIOUS AIR FORCE 4. PROJECT TITLE	BASES	5. PROJECT NUMBE	P
POST ACQUISITION C	CONSTRUCTION	5. FROJECT NUMBE	.r.
10. Description of work			
Locati	on and Project	Current W Estimate	
<u>OHIO</u>			
WRIGHT-PATTERS	13,436		
ZHTV994004			
	nits. PINE ESTATES: Replace kitchens provide heat pumps, replace flooring, widen drives & pat	ios	
	e sheds, fence yards. Replace water lines and pavements.	108,	
	ace windows, electrical, communication systems.,		
	s bathroom finish attic closet, refinish interiors, and replace	ce trim.	
(Separate DD F	orm 1391 attached) PLISHED IN PREVIOUS THREE YEARS: Repair kitchens,		
baths and exter	•		
- WORK ACCOM	PLISHED FOR NEXT THREE YEARS: None		
SOUTH CADOLINA			
SOUTH CAROLINA CHARLESTON AFB		258	
IMPROVE HOUSING	OFFICE		
DKFX044003			
- Provide 100 SM (1,	076 SF) addition and alterations to existing housing		
	including all necessary and required utilities and any		
	sm/force protection measures. Alteration portion		
	uration of selected interior non-loading bearing walls		
1 0	, wall, and floor finishes.		
	HED IN PREVIOUS THREE YEARS: None		
- WORK ACCOMPLIS	HED FOR NEXT THREE YEARS: None		
SHAW AFB			
PRIVATIZE FAMILY	HOUSING		
VLSB030009R1			
- Conveys 1,704 ex	sting single and multiplex housing units for privatization,		
end state, on appro	oximately 443 acres of land. Without privatization, the		
	this work is \$46,600,000 for a leverage of 1.41.		
	ill provide modem interior and exterior conveniences		
	pace and floor plan standards.		
	m 139 1 attached)		
	ED IN PREVIOUS THREE YEARS: 60 units were upgra	lded	
to whole house sta			
- WOKK ACCOMPL	ISHED FOR NEXT THREE YEARS: None		

1. COMPONENT AIR FORCE

2. DATE

AIR FORCE	FY 2003 MILITARY CONSTRUCTION PRO	DJECT DATA
3. INSTALLATION AND LO VARIOUS AIR FORCE		
4. PROJECT TITLE		5. PROJECT NUMBER
POST ACQUISITION C	ONSTRUCTION	
10. Description of work	to be accomplished	
Locati	on and Project	Current Working Estimate (\$000)
TEXAS		
LAUGHLIN AFB IMPROVE HOUSING	OFFICE	255
MXDP034005	OFFICE	
	ls and equipment to construct an addition and alter the	
	ousing Management Office to conform to the Air Force	
	Facilities Guide. Work includes site work, foundation,	
	erior and exterior finishes, roofing, and HVAC upgrades.	
playground, and l	removal of asphalt drive, construction of a fenced	
	ISHED IN PREVIOUS THREE YEARS: None	
	ISHED FOR NEXT THREE YEARS: None	
VIRGINIA		15,643
LANGLEY AFB	CAL FAMILY HOUSING	15,045
MUHJ030201		
	ovation of 46 historic houses, and all necessary support.	
	upgrade all systems to renovate each facility to meet curre	ent
	compromising the architectural integrity of the facility.	
	cal, electrical and plumbing systems, air conditioning/hea and exterior repairs as necessary to revitalize the units.	lting,
	rm 1391 attached)	
_	ISHED IN PREVIOUS THREE YEARS: None	
	ISHED FOR NEXT THREE YEARS: None	
LANGLEY AFB		362
IMPROVE NEIGHBC	RHOOD	562
MUHJ023011		
	des repairing the exterior of existing garage, installing	
	ns, constructing parking aprons, and removal of	
clothesline posts	LISHED IN PREVIOUS THREE YEARS: None	
	LISHED FOR NEXT THREE YEARS: None	
WASHINGTON MCCHORD AFB		376
IMPROVE HOUSIN	GOFFICE	570
PQWY034005		
- Adds 50 SM of	space and alters the layout of the housing management of	
	on conference room, waiting room, children play area, stat	
	ale, breakroom, and storage/computer room Improves floation	noc
plan and circula	MPLISHED IN PREVIOUS THREE YEARS: None	
	PLISHED IN PREVIOUS THREE TEARS: None PLISHED FOR NEXT THREE YEARS: None	
DD FORM 1391c, DEC 76	PREVIOUS EDITIONS MAY BE USED INTER	NALLY PAGE NO

1. COMPONENT			2. DATE
AIR FORCE	FY 2003 MILITARY CONSTRUCTION PRO	OJECT DATA	
3. INSTALLATION AND LO VARIOUS AIR FORCE			
4. PROJECT TITLE	DANEN	5. PROJECT NUMBE	R
POST ACQUISITION C	CONSTRUCTION		
10. Description of work	to be accomplished	Current W	orking
Locati	ion and Project	Estimate	
WYOMING		^	
FE WARREN AFB PRIVATIZE FAMIL	Y HOUSING	0	
GHLN034000	I HOUSING		
	g Carlin Heights MFH units for privatization		
Without privatization	on, the MILCON cost is \$7.4M with a leverage of 2.34.		
	l provide general interior and exterior modernization.		
and renovation	1201 attached		
(Separate DD Form	1 1391 attached) SHED IN PREVIOUS THREE YEARS: GHLN 984001		
	f Access, Carlin \$62K . GHLN 974027 Replace		
Windows Carlin He			
	SHED FOR NEXT THREE YEARS: None		
DD FORM 1391c, DEC 76	PREVIOUS EDITIONS MAY BE USED INTER		NO
23 I OKA 10010, DEC 70	UNTIL EXHAUSTED		· .

1. COMPONENT 2. DATE AIR FORCE FY 2003 MILITARY CONSTRUCTION PROJECT DATA 3. INSTALLATION AND LOCATION VARIOUS AIR FORCE BASES 4. PROJECT TITLE 5. PROJECT NUMBER POST ACQUISITION CONSTRUCTION io. Description of work to be accomplished Current Working Location and Project Estimate (\$000) OVERSEAS GERMANY **RAMSTEIN** A B 51,526 IMPROVE FAMILY HOUSING YANB034546 - Provides general interior and exterior upgrades of 376 units. Includes utility upgrade and additions to meet current standards. Upgrades kitchens, bathrooms, stairwells and entryways, improves floor plans and balconies, and improves energy efficiency. Corrects fire deficiencies. Includes asbestos, lead based paint and other hazard removal. Adds walkways and parking. Grade Mix: 344 E1-E4, 32 E5-E9 (Separate DD Form 1391 attached) - WORK ACCOMPLISHED IN PREVIOUS THREE YEARS: None - WORK PROGRAMMED FOR NEXT THREE YEARS: None SPANGDAHLEM AFB 21,229 IMPROVE FAMILY HOUSING BSHF034000 - Provides general modernization and renovation of 192 units. Includes utility upgrades to meet current standards. Upgrades kitchens, bathrooms, floor coverings, stairwells and entryways. Improves floor plans, increases energy efficiency, corrects fire deficiencies, improves balconies and landscaping, and replaces roofs. Includes asbestos/lead based paint removal. Grade Mix: 164 El -E6, 28 E7-E9. (Separate DD Form 1391 attached) - WORK ACCOMPLISHED IN PREVIOUS THREE YEARS: None - WORK ACCOMPLISHED FOR NEXT THREE YEARS: None **GUAM** 16,479 ANDERSEN AFB IMPROVE FAMILY HOUSING AJJY034401R2 Provides general interior and exterior modernization and renovation of 112 units. Includes utility upgrades to meet current standards. Upgrades kitchens/bathrooms, improves HVAC, plumbing and electrical systems, provides signage, landscaping, additional outside storage and parking spaces. Includes asbestos/lead-based paint removal and radon mitigation. (Separate DD Form 139 1 attached) - WORK ACCOMPLISHED IN PREVIOUS THREE YEARS: None. - WORK PROGRAMMED FOR NEXT THREE YEARS: None

1. COMPONENT			2. DATE
AIR FORCE	FY 2003 MILITARY CONSTR	UCTION PROJECT DATA	
3. INSTALLATION AND LO			
VARIOUS AIR FORCE 4. PROJECT TITLE	BASES	5. PROJECT NUMB	R
POST ACQUISITION C	CONSTRUCTION		
10. Description of work t	to be accomplished	Connect VI	(1.;
Locati	ion and Project	Current W Estimate	
Includes utility of improves HVAC additional outsid removal and rad (Separate DD For - WORK ACCOM	interior and exterior modernization and re upgrades to meet current standards. Upgr C, plumbing and electrical systems, provid le storage and parking spaces. Includes a	enovation of 124 units. ades kitchens/bathrooms, les signage, landscaping, sbestos/lead-based paint RS: Repair kitchen, FY99-01 .	989
of 96 units. Inclu fencing, patios, p and asbestos/lead to upgrade water, 77 JNCO, 1 SNCO (Separate DD For - WORK ACCOMI Roof replacement	HOUSING interior and exterior modernization and re udes additions to meet current size standar playgrounds, and recreation areas. Include l-based paint removal. Replacement of in , sewer, and electrical distribution systems O, 1 CGO, 11 FGO, 6 SO.	rds, privacy es demolition frastructure s. Grade Mix: RS: 701 to 72 units.	32

ł

POST ACQUISITION CONSTRUCTION PROJECTS (OVER \$50,000 PER UNIT)

A separate DD Form 1391 follows for each Post Acquisition Construction project which is over \$50,000 per unit (multiplied by the Area Cost Factor).

Page No.

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AIR FORCE	FY 2003 MILITARY CONSTRUCTION PROJECT DATA 2. DATE (computer generated)						
3. INSTALLATION AND LOCATION 4. PROJECT TITLE							
MAXWELL AIR FORCE BASE, ALABAMA PRIVATIZE FAMILY HOUSING							
5. PROGRAM ELEM	ENT 6. C	ATEGORY CODE	7. PROJ	ECT NUMBER	8. PROJEC	T COST (\$000)	
00742	711-142 PNQS044530			0			
		9. COST P	STIMATES	ξ			
	ITEM		11/м	QUANTITY	UNIT	COST	
PRIVATIZE FAMILY			UN	614	0		
SUPPORTING FACIL					-		
SUBTOTAL							
IOTAL CONTRACT C	OST						
TOTAL REQUEST							
AREA COST FACTOR	,		.86	1 I			
EFFECTIVE STATUT			0				
MOST EXPENSIVE U			0				
		ed Work: Convey	•	[]			
11. REQUIREMENT PROJECT: PRIVAT REQUIREMENT: Th military members	ndards. T: 968UN IZE FAMILY is project and their	HOUSING (CURREN is required to dependents stat	QUATE: 3 T MISSIO provide ioned at	26UN N) modern and e Maxwell AFE	SUBSTANDA efficient ho 3. 114 units	ARD: 288 UN Dusing for s will undergo	
PROJECT: PRIVAT REQUIREMENT: Th military members improvement cons appealing living co meet current	ndards. T: 968UN IZE FAMILY is project and their truction t environme housing st	ADE(HOUSING (CURREN is required to	QUATE: 3 T MISSION provide ioned at afety co y, 174 r its will	26UN N) modern and e Maxwell AFE des and to p eplacement u meet"whole	SUBSTANDA Afficient ho 3. 114 units provide a co nits will h house" stand	ARD: 288 UN busing for s will undergo omfortable and be constructed dards and are	
11. REQUIREMENT <u>PROJECT:</u> PRIVAT <u>REQUIREMENT:</u> The nilitary members improvement cons appealing living co meet current programmed in ac vill provide a me vith ample inter	ndards. T: 968UN TZE FAMILY is project and their truction t environme housing st cordance w odern kitc ior and ex	ADE(HOUSING (CURREN is required to dependents stat o meet current s nt. Additionall andards. All un	QUATE: 3 T MISSION provide ioned at afety con y, 174 r jts will Family E , family Living	26UN N) modern and e Maxwell AFE des and to p eplacement u meet"whole ousing Waste room, bedro units will b	SUBSTANDA efficient ho a. 114 units provide a co nits will h nouse" stand r Plan. Re om and bath pe expanded	ARD: 288 UN busing for s will undergo comfortable and be constructed dards and are enovated housin h configuration to meet curren	
11. REQUIREMENT <u>PROJECT:</u> PRIVAT <u>REQUIREMENT:</u> The nilitary members improvement cons appealing living co meet current programmed in ac vill provide a m vith ample inter space authorizat. ieficient. Neigh	ndards. T: 968UN TZE FAMILY is project and their truction t environme housing st cordance w odern kitc ior and ex ions. Car hborhood is	ADEQ HOUSING (CURREN is required to dependents stat o meet current s nt. Additionall andards. All un rith the Maxwell hen, living room terior storage. garages and off mprovements are	QUATE: 3 T MISSION provide ioned at afety con y, 174 r its will Family B , family B , family Living street	26UN N) modern and e Maxwell AFE des and to p eplacement u meet"whole ousing Waste room, bedro units will h parking will	SUBSTANDA efficient ho a. 114 units provide a co units will h couse" stand r Plan. Re om and bath be expanded be provide	ARD: 288 UN ousing for s will undergo omfortable and be constructed dards and are enovated housing the configuration to meet currenged where	
11. REQUIREMENT <u>PROJECT:</u> PRIVAT <u>REQUIREMENT:</u> Th nilitary members improvement cons appealing living co meet current programmed in ac vill provide a m vith ample inter space authorizat leficient. Neigh playgrounds and p	ndards. T: 968UN TZE FAMILY is project and their truction t environme housing st cordance w odern kitc ior and ex ions. Car hborhood in recreation	ADEQ HOUSING (CURREN is required to dependents stat o meet current s nt. Additionall andards. All un tith the Maxwell hen, living room terior storage. garages and off mprovements are a areas.	QUATE: 3 T MISSION provide ioned at afety co y, 174 r its will Family H , family Living street required	26UN N) modern and e Maxwell AFE des and to p eplacement u meet"whole ousing Waste room, bedro units will b parking will and will in	SUBSTANDA efficient ho 3. 114 units provide a co units will h nouse" stand r Plan. Re om and bath be expanded be provide sclude lands	ARD: 288 UN ousing for s will undergo omfortable and be constructed dards and are enovated housin h configuration to meet curren ed where scaping,	
11. REQUIREMENT <u>PROJECT:</u> PRIVAT <u>REQUIREMENT:</u> The nilitary members improvement cons appealing living co meet current programmed in ac vill provide a me vith ample inter space authorizat ieficient. Neigh playgrounds and be <u>CURRENT SITUATION</u> beginning in the major renovation	ndards. T: 968UN TIZE FAMILY is project and their truction t environme housing st cordance w odern kitc ior and ex ions. Car hborhood in recreation N: This p early 194 and repai	ADEQ HOUSING (CURREN is required to dependents stat o meet current s nt. Additionall andards. All un rith the Maxwell hen, living room terior storage. garages and off mprovements are	QUATE: 3 T MISSION provide ioned at afety coo y, 174 r its will Family E , family Living street required and mode s range erioratio	26UN N) modern and e Maxwell AFE des and to p eplacement u meet"whole ousing Waste room, bedro units will h parking will and will ir rnizes housi from 30 to 6 on resulting	SUBSTANDA efficient ho a 114 units provide a co nits will h ouse" stand r Plan. Re om and bath e expanded be provide clude lands ang, which w 0 years of from heavy	ARD: 288 UN ousing for s will undergo omfortable and be constructed dards and are enovated housing to meet currenged where scaping, were constructed age and require use. These	
11. REQUIREMENT <u>PROJECT:</u> PRIVAT <u>REQUIREMENT:</u> The nilitary members improvement cons appealing living co meet current programmed in ac vill provide a me vith ample inter space authorizat leficient. Neight playgrounds and a <u>CURRENT SITUATION</u> peginning in the major renovation units do not mee efficient living deteriorated. C	ndards. T: 968UN TZE FAMILY is project and their truction t environme housing st cordance w odern kitc ior and ex ions. Car hborhood in recreation <u>N:</u> This p early 194 and repai t the need area. Ki ounter top	ADEQ HOUSING (CURREN is required to dependents stat o meet current s nt. Additionall andards. All un then, living room terior storage. garages and off mprovements are areas. roject upgrades 0's. These home r to correct det s of today's fam tchens, bathroom s are warped, st	QUATE: 3 T MISSION provide ioned at afety coo y, 174 r its will Family Ho , family Ho , family Ko street required and mode s range erioratic ilies, no cabinets ained, at	26UN N) modern and e Maxwell AFE des and to p eplacement u meet"whole ousing Waste room, bedro units will h parking will and will ir rnizes housi from 30 to 6 on resulting or do they p s, and fixtu	SUBSTANDA efficient ho a. 114 units provide a co nits will h couse" stand r Plan. Re om and bath be provide clude lands ung, which w 0 years of from heavy rovide a mo res are obs g from the	ARD: 288 UN busing for s will undergo omfortable and be constructed dards and are enovated housing to meet current ed where scaping, were constructed age and require use. These odern energy solete and seams.	
11. REQUIREMENT <u>PROJECT:</u> PRIVAT <u>REQUIREMENT:</u> The nilitary members improvement cons appealing living co meet current programmed in acd vill provide a me vith ample inter space authorizat. leficient. Neight playgrounds and me <u>signning</u> in the major renovation mits do not mee sificient living deteriorated. Co Plumbing and light slectrical system	ndards. T: 968UN TZE FAMILY is project and their truction t environme housing st cordance w odern kitc ior and ex ions. Car hborhood in recreation N: This p early 194 and repai t the need area. Ki ounter top hting fixt ms which m	ADEQ HOUSING (CURREN is required to dependents stat o meet current s nt. Additionall andards. All un tith the Maxwell hen, living room terior storage. garages and off mprovements are areas. roject upgrades 0's. These home r to correct det s of today's fam tchens, bathroom s are warped, st ures are deterior	QUATE: 3 T MISSION provide ioned at afety cou- y, 174 r its will Family B , family Living street required and mode s range erioratic ilies, n cabinets ained, a rated ano	26UN N) modern and e Maxwell AFE des and to p eplacement u meet"whole ousing Waste room, bedro units will h parking will and will ir rnizes housi from 30 to 6 on resulting or do they p s, and fixtu nd separatin d dated. So codes. Groun	SUBSTANDA efficient ho a. 114 units provide a co units will h nouse" stand r Plan. Re om and bath be provide clude lands ung, which w 0 years of from heavy rovide a mo ures are obs g from the me units do d fault cin	ARD: 288 UN ousing for s will undergo omfortable and be constructed dards and are enovated housin to meet curren ed where scaping, were constructe age and requir to use. These odern energy solete and seams. o not have rcuit interupte	
11. REQUIREMENT <u>PROJECT:</u> PRIVAT <u>REQUIREMENT:</u> Th nilitary members improvement cons appealing living co meet current programmed in ac vill provide a m vith ample inter space authorizat leficient. Neigh playgrounds and b <u>CURRENT SITUATION</u> beginning in the major renovation mits do not mee efficient living deteriorated. Co Plumbing and ligg electrical system protection is no stained, loose, siding, and insu	ndards. T: 968UN TZE FAMILY is project and their truction t environme housing st cordance w odern kitc ior and ex iors. Car horhood in recreation N: This p early 194 and repai t the need area. Ki ounter top hting fixt ms which m t provided and mismat lation req	ADEQ HOUSING (CURREN is required to dependents stat o meet current s nt. Additionall andards. All un tith the Maxwell hen, living room terior storage. garages and off mprovements are areas. roject upgrades 0's. These home r to correct det s of today's fam tchens, bathroom s are warped, st ures are deterio to bathrooms, ched due to non- uire replacement	QUATE: 3 T MISSION provide ioned at afety co y, 174 r its will Family E , family Living street required and mode s range erioration illes, n cabinets ained, a rated and cuction of kitchens availabil. . The u	26UN N) modern and e Maxwell AFE des and to p eplacement u meet"whole ousing Waste room, bedro units will b parking will and will ir rnizes housi from 30 to 6 on resulting or do they p s, and fixtu nd separatin d dated. So codes. Groum , and exteri lity of orig nits have in	SUBSTANDA efficient ho a. 114 units provide a co mits will h nouse" stand r Plan. Re om and bath be provide clude lands de expanded be provide clude lands of from heavy rovide a mo g from the me units do d fault cin or circuits final materi adequate li	ARD: 288 UN ousing for s will undergo omfortable and be constructed dards and are enovated housin n configuration to meet curren ed where scaping, were constructed age and requir use. These odern energy solete and seams. o not have rcuit interupte s. Flooring is .als. Windows,	
11. REQUIREMENT <u>PROJECT:</u> PRIVAT <u>REQUIREMENT:</u> The nilitary members improvement cons appealing living co meet current programmed in ac vill provide a m vith ample inter space authorizat leficient. Neigh playgrounds and re- <u>CURRENT SITUATION</u> peginning in the major renovation units do not mee efficient living deteriorated. Co Plumbing and ligg electrical system protection is non- stained, loose, siding, and insu	ndards. T: 968UN TIZE FAMILY is project and their truction t environme housing st cordance w odern kitc ior and ex ions. Car hborhood in recreation N: This p early 194 and repaid t the need area. Ki ounter top hting fixt ms which m t provided and mismat lation req backyard	ADE ADE ADE ADE ADE ADE ADE ADE	QUATE: 3 T MISSION provide ioned at afety coo y, 174 r its will Family H , family Living street required and mode s range erioration ilies, nu cabinets ained, at rated and ruction of kitchens availabit. . The un rements n	26UN N) modern and e Maxwell AFF des and to p eplacement u meet"whole ousing Waste room, bedro units will k parking will and will ir rnizes housi from 30 to 6 on resulting or do they p s, and fixtu nd separatin d dated. So codes. Groun , and exteri lity of orig nits have in eed renovati	SUBSTANDA afficient ho a 114 units provide a contrast orovide a contrast or Plan. Responded to provide and bath the expanded be provide and bath the expanded be provide and bath the provide and bath the expanded to provide and bath the provide and the provide a moto the pro	ARD: 288 UN busing for s will undergo omfortable and be constructed dards and are enovated housing to meet current ed where scaping, were constructed age and requir to use. These bodern energy solete and seams. b not have rcuit interupted s. Flooring is tals. Windows, twing space and	
11. REQUIREMENT <u>PROJECT:</u> PRIVAT <u>REQUIREMENT:</u> The nilitary members improvement cons appealing living co meet current programmed in acd vill provide a me vith ample inter space authorizat leficient. Neighthat playgrounds and re- <u>CURRENT SITUATION</u> Deginning in the major renovation mits do not mee sfficient living deteriorated. Co Plumbing and light slectrical system protection is non stained, loose, siding, and insu storage area, no <u>IMPACT IF NOT PR</u> increasing operation	ndards. T: 968UN TZE FAMILY is project and their truction t environme housing st cordance w odern kitc ior and ex ions. Car horhood in recreation N: This p early 194 and repaid t the need area. Ki ounter top hting fixt ms which m t provided and mismat lation req backyard <u>OVIDED:</u> U tions, mai	ADEQ HOUSING (CURREN is required to dependents stat o meet current s nt. Additionall andards. All un tith the Maxwell hen, living room terior storage. garages and off mprovements are areas. roject upgrades 0's. These home r to correct det s of today's fam tchens, bathroom s are warped, st ures are deterio to bathrooms, ched due to non- uire replacement	QUATE: 3 provide ioned at afety co y, 174 r its will Family E , family E , fami	26UN N) modern and e Maxwell AFE des and to p eplacement u meet"whole ousing Waste room, bedro units will h parking will and will ir rnizes housi from 30 to 6 on resulting or do they p s, and fixtu nd separatin d dated. So codes. Groun , and exteri lity of orig nits have in eed renovati teriorate ra s to the Gov	SUBSTANDA efficient ho a. 114 units provide a co nits will h nouse" stand r Plan. Re om and bath re expanded be provide clude lands ung, which w 0 years of from heavy rovide a mo res are obs g from the me units do d fault cin or circuits inal materi adequate li on. pidly resul	ARD: 288 UN ousing for s will undergo omfortable and be constructed dards and are enovated housin n configuration to meet curren ed where scaping, were constructed age and requir use. These odern energy solete and seams. o not have rcuit interupted s. Flooring is tals. Windows, tving space and tting in d inconvenience	

1. COMPONENT	FY 2003 MILITARY	DATA 2. DATE				
AIR FORCE	(computer generated)					
3. INSTALLATION	AND LOCATION 4. PROJECT TITLE					
MAXWELL AIR FORCE	E BASE, ALABAMA	PRIVATIZE F2	AMILY HOUSING			
5. PROGRAM ELEME	ENT 6. CATEGORY CODE 7. PROJECT NUMBER 8. PROJECT COST (\$00					
88742	711-142	PNQS044530	0			

maintenance issue for the Air Force with little or no improvement in the quality of lifs tor its personnel.

NORK ACCOMPLISHED IN PREVIOUS THREE YEARS: NONE

WORK PROGRAMMED FOR NEXT THREE YEARS: NONE

4DDITIONAL: The installation commander agreed these units are severable according to the criteria contained in the 2000 Maxwell AFB Housing Master Plan. This project contains no resale merchandise, services or commercial recreation operations or activities IAW the SAP/WI Housing Privatization Interim Operating Instructions memo iated 2 WAR 99 and AF/IL memo regarding coordination with AAFES, DECA, MWR Board dated 19 Mar 99. A viable proforma and a preliminary economic analysis will be developed and provided during the concept approval process, and a certified economic analysis will be accomplished prior to completion of the solicitation process. The local school authority indicates a capability exists to accept the increased student population generated by this project. Base Civil Engineer: Lt Col Wilfred Cassidy, (334) 953-6945.

1. COMPONENT		FY 2003 MILITARY	CONST	RUCT	ION PROJE	CT DATA	2. DATE
AIR FORCE	(computer generated)						
3. INSTALLATION	I AND	LOCATION			4. PROJEC	T TITLE	
ELMENDORF AIR F	ORCE	BASE, ALASKA			IMPROVE F	AMILY HOUSING	9, PH 11
5. PROGRAM ELEMENT 6. CATEGORY CODE 7. PROJECT NUMBER 8. PROJECT COST (\$							CT COST (\$000)
88742	711-111 PXSB034403 26,927						26,927
9. COST ESTIMATES							
		ITEM		ע/ע	OUANTITY	UNIT	COST
IMPROVE FAMILY	HOUSI	NG		UN	19:	115,073	22,094
3DPPORTING FACING	LITIE	3					2,804
UTILITIES				LS			(500:
PAVEMENTS				LS			(1,000:
DEMOLITION				UN	26	13,500	(3511
LANDSCAPING				LS		,	(4001
RECREATION FAC	ILITI	ES		LS			(136)
SITE PREPARATIO				LS			(4171
SWTOTAL							24,898
	(5%)						1,245
TOTAL CONTRACT	,						26,143
		ON AND OVERHEAD (3	0.)				784
TOTAL REQUEST	PECII	ON AND OVERHEAD (3)	6)				26,927
AREA COST FACTOR			1.59				20,927
EFFECTIVE STATUT		TNTD	1.59				
NOST EXPENSIVE U			0,000				
				2 fa	mily bougi	ng unite wi	th all necessary
· · · · · ·		ing facilities. Pro			-	-	-
		y upgrades and addit.	-				Upgrades
	-	improves floor plans	-				-
garages, playgrou	unds	and recreation areas	. In	clude	es asbesto	s and lead pa	aint removal.
11. REQUIREMEN	T: 1,	867 UN ADE	QUATE	: 1,	114 UN	SUBSTANDA	ARD: 652 UN
		ily Housing, Phase 1	-				
CGO/4BR to 36 JN 4LO CGO/4BR units	-	3R and 76 JNCO/3BR to	5 76 L	INCO/	2BR and in	mproves 40 JNC	CO/3BR units and
•		oject is required to	Drow	ide :	nodern and	l efficient h	ousing for
	_	their dependents sta	-				-
-		ent life safety code					-
-		All units will meet					
		ing room, family room					
		storage. The numbe				-	
		st recent housing mar arage and exterior pa					
-	-	ate support infrastru		-			
CURRENT SITUATIO	_	he units are 36-59 y					vated since
construction. G	arage	s are mainly detached	d "ga	ng' g	garages, i	n poor condit	tion. Bulk
-		Rooms are undersized	-	-	-		-
-		nt, and often unsafe al systems are deter				-	
rumprug and ele	GULIC	ar systems are deter.	Torac			meet current	
		Drawi aug. adi					Dago No

DD FORM 1391, DEC 76 Previous editions are obsolete.

1. COMPONENT	FY 2003 MILITARY C	DATA 2. DATE				
AIR FORCE	(computer generated)					
3. INSTALLATION	INSTALLATION AND LOCATION 4. PROJECT TITLE					
ELMENDORF AIR FO	RCE BASE, ALASKA	IMPROVE FAM	ILY HOUSING, PH 11			
5. PROGRAM ELEME	INT 6. CATEGORY CODE	7. PROJECT NUMBER 8. PROJECT COST (\$000				
88742	711-111	FXSB034403	26,927			

efficiency and safety. Playgrounds, parking areas, and landscaping are inadequate to **ionexistent**. There is no sense of community or home.

IMPACT IF NOT PROVIDED: Unrenovated, these housing units will continue to deteriorate. Maintenance, repair, and operations costs to the government and inconvenience to the residents will increase. Repair of the units will continue in a costly, piecemeal Eashion with little/no improvement in living quality. Quality of life, morale, and retention will be affected.

YORK ACCOMPLISHED IN **PREVIOUS THREE YEARS:** Replace Roofs - \$250K

YORK PROGRAMMED FOR NEXT THREE YEARS: None

ADDITIONAL: This project meets the criteria 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, acquisition, and status quo operation. Phe improvement was found to the most cost effective option. The cost to improve these **units** is 37% of the replacement cost. Base Civil Engineer: **Col** Duncan H. Showers, DSN 552-3007.

BASE CIVIL ENGINEER: SHOWERS

AIR FORCE	(compu	ter gener	ated)		
3. INSTALLATION AND	LOCATION		4. PROJECT	TITLE	
USAF ACADEMY, COLORA	ADO		IMPROVE FAM	ILY HOUSING	, PHASE 1
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJ	IECT NUMBER	8. PROJEC	T COST (\$000)
88746	711-111	XQP	Z037226		6,466
	9. COST	STIMATES	5		
	ITEM	U/M	QUANTITY	UNIT	COST
IMPROVE MILITARY FAM SUPPORTING FACILITIE	ILY HOUSING, PHASE 1 S	UN	6(90,587	5,979
SUBTOTAL					5,979
					-
CONTINGENCY (5%)				F	299
IOTAL CONTRACT COST					6,278
SUPERVISION, INSPECT:	ION AND OVERHEAD (3%	5)		ļ	188
FOTAL REQUEST					6,466
REA COST FACTOR		1.03			
EFFECTIVE STATUTORY	LIMIT	0			
OST EXPENSIVE UNIT	137	,000			
	ty upgrades, and addit and floor coverings.	ions to	meet current s electrical	standards. 1, plumbing	Renovates
modernization, utilit kitchens, bathrooms, systems.	ty upgrades, and addit and floor coverings.	ions to Upgrade	meet current s electrical	standards. 1, plumbing	Renovates and lighting
<pre>nodernization, utilit kitchens, bathrooms, systems. 11. REQUIREMENT: 1</pre>	ty upgrades, and addit and floor coverings.	Upgrade	meet current s electrical 33 UN	standards. 1, plumbing	Renovates and lighting
nodernization, utilit citchens, bathrooms, systems. 11. REQUIREMENT: 1 <u>PROJECT:</u> Improve Mili <u>REQUIREMENT:</u> This p	ty upgrades, and addit and floor coverings. ,243 UN ADE itary Family Housing, roject provides modern	Upgrade Upgrade QUATE: 33 Phase 1 and eff:	meet current s electrical 33 UN • icient housi	standards. , plumbing SUBSTAND2 ng for memb	Renovates and lighting ARD: 910 UN
nodernization, utilit kitchens, bathrooms, systems. 11. REQUIREMENT: 1 PROJECT: Improve Mili REQUIREMENT: This pr families at the Unit	ty upgrades, and addit and floor coverings. ,243UN ADE tary Family Housing, roject provides modern red States Air Force Ad	Upgrade QUATE: 33 Phase 1 and eff: ademy. A	meet current s electrical 33 UN • icient housi 11 units wi	standards. , plumbing SUBSTANDA ng for memb ll meet who	Renovates and lighting ARD: 910 UN Ders and le house
nodernization, utilit kitchens, bathrooms, systems. 11. REQUIREMENT: 1 <u>PROJECT:</u> Improve Mili <u>REQUIREMENT:</u> This pr families at the Unit standards and are pr	ty upgrades, and addit and floor coverings. ,243UN ADE itary Family Housing, roject provides modern red States Air Force Ac ogrammed in accordance	Upgrade Upgrade QUATE: 3: Phase 1 and eff: ademy. A	meet current s electrical 33 UN • icient housi 11 units wi e Housing Co	standards. , plumbing SUBSTAND ng for memb ll meet who mmunity Pro	Renovates and lighting ARD: 910 UN Ders and le house ofile. The new
nodernization, utilit kitchens, bathrooms, systems. 11. REQUIREMENT: 1 PROJECT: Improve Mili REQUIREMENT: This provide families at the Unit standards and are pro- nousing will provide	ty upgrades, and addit and floor coverings. ,243UN ADE tary Family Housing, roject provides modern ed States Air Force Ac ogrammed in accordance amenities and space of	Upgrade Upgrade QUATE: 33 Phase 1 and eff: ademy. A with th use simil	meet current s electrical 33 UN icient housi 11 units wii e Housing Co ar to housing	standards. , plumbing SUBSTANDA ng for memb ll meet who ommunity Pro ng available	Renovates and lighting ARD: 910 UN Ders and le house ofile. The new e in the off-
anodernization, utilit sitchens, bathrooms, systems. 11. REQUIREMENT: 1 PROJECT: Improve Mili REQUIREMENT: This pro- samilies at the Unit standards and are pro- housing will provide base community. This	ADE ADE ADE ADE ADE ADE ADE ADE	Upgrade Upgrade QUATE: 33 Phase 1 and eff: ademy. A with th use simil of the ho	meet current s electrical 33 UN icient housi ll units wil e Housing Co .ar to housin using improv	standards. , plumbing SUBSTANDA ng for memb ll meet who ommunity Pro og available rement plan	Renovates and lighting ARD: 910 UN Ders and le house ofile. The new e in the off- for the
nodernization, utilit xitchens, bathrooms, systems. 11. REQUIREMENT: 1 <u>PROJECT:</u> Improve Mili <u>REQUIREMENT:</u> This pro- families at the Unit standards and are pro- housing will provide base community. This Academy. Sixty-six u	ty upgrades, and addit and floor coverings. ,243UN ADE tary Family Housing, roject provides modern ed States Air Force Ac ogrammed in accordance amenities and space of	QUATE: 33 Phase 1 and eff: ademy. A with th use simil of the ho are sch	meet current s electrical 33 UN icient housi 11 units wil e Housing Co ar to housin using improv eduled for i	standards. , plumbing SUBSTANDA ng for memb ll meet who ommunity Pro- ng available rement plan mprovement	Renovates and lighting ARD: 910 UN Ders and le house ofile. The new e in the off- for the in this phase.
anodernization, utilit sitchens, bathrooms, systems. 11. REQUIREMENT: 1 <u>PROJECT:</u> Improve Mili <u>REQUIREMENT:</u> This pro- tamilies at the Unit standards and are pro- housing will provide base community . This academy. Sixty-six u others will follow in	,243 UN ADE tary Family Housing, roject provides modern amenities and space of amenities of 381 necessary	QUATE: 33 Phase 1 and eff: ademy. A with th use simil of the ho are sch The impr	meet current s electrical 33 UN icient housi 11 units wij e Housing Co ar to housin using improv eduled for i oved housing	standards. , plumbing SUBSTANDA ng for memb ll meet who ommunity Pro- ng available rement plan mprovement will provi	Renovates and lighting ARD: 910 UN Ders and le house ofile. The new e in the off- for the in this phase. ide a modern
anodernization, utilit ritchens, bathrooms, systems.	A provides, and addited and floor coverings. A provides modern and states Air Force Action or and states Air Force Action or anities and space of a sis the first phase of anits of 381 necessary n subsequent phases. s, bedroom and bath contained and states.	QUATE: 33 Phase 1 and eff: addemy. A with th use simil of the ho are sch The impr onfigurat arking w	meet current s electrical 33 UN icient housi 11 units wi e Housing Co ar to housing using improv eduled for i oved housing ions with an vill be prov	standards. sUBSTAND2 ng for memb ll meet who ommunity Pro- ng available rement plan mprovement will provi nple interio rided for a	Renovates and lighting ARD: 910 UN Deers and de house offile. The new e in the off- for the in this phase. ide a modern or and exterior second
anodernization, utilit ritchens, bathrooms, systems.	Additional and floor coverings. Additional and floor	2UATE: 33 Phase 1 and eff: ademy. A with th use simil of the ho are sch The impr onfigurat arking w	meet current s electrical 33 UN icient housi 11 units will e Housing Co ar to housing using improv eduled for i oved housing ions with an vill be prov od support i	standards. sUBSTANDA sUBSTANDA ng for memb ll meet who ommunity Pro- ng available rement plan mprovement will provi nple interio rided for a infrastructu	Renovates and lighting ARD: 910 UN Deers and le house offile. The new in the off- for the in this phase. ide a modern or and exterior second re will be
anodernization, utilit citchens, bathrooms, systems. 11. REQUIREMENT: 1 PROJECT: Improve Mili REQUIREMENT: This pro- camilies at the Unit standards and are pro- housing will provide base community. This cademy. Sixty-six use base vill follow in citchen, living areas storage and a single baccupant vehicle and apgraded to meet mode	Additional and floor coverings. Additional floor covering floor f	2UATE: 33 Phase 1 and eff: ademy. A with th use simil of the ho are sch The impr onfigurat arking w	meet current s electrical 33 UN icient housi 11 units will e Housing Co ar to housing using improv eduled for i oved housing ions with an vill be prov od support i	standards. sUBSTANDA sUBSTANDA ng for memb ll meet who ommunity Pro- ng available rement plan mprovement will provi nple interio rided for a infrastructu	Renovates and lighting ARD: 910 UN Deers and le house offile. The new in the off- for the in this phase. ide a modern or and exterior second re will be
anodernization, utility sitchens, bathrooms, systems.	ADE	QUATE: 33 Phase 1 and eff: ademy. A with th use simil of the ho are sch The impr onfigurat arking w eighborho	meet current s electrical 33 UN icient housi ll units will e Housing Co ar to housing using improv eduled for i oved housing ions with an vill be prov od support i od improveme	standards. , plumbing SUBSTANDA ng for memb ll meet who ommunity Pro- ng available rement plan mprovement will provi aple interior rided for a infrastructu	Renovates and lighting ARD: 910 UN Ders and le house ofile. The new e in the off- for the in this phase. ide a modern or and exterior second re will be nclude trail
andernization, utilit itchens, bathrooms, systems. II. REQUIREMENT: 1 REQUIREMENT: 1 REQUIREMENT: This pro- samilies at the Unit standards and are pro- tousing will provide base community. This academy. Sixty-six us others will follow in stitchen, living areas storage and a single occupant vehicle and upgraded to meet mode systems, landscaping, CURRENT SITUATION:	ADE	QUATE: 33 Phase 1 Phase 1 and eff: ademy. A with th use simil of the ho are sch The impr onfigurat arking w eighborho bousing o	meet current s electrical 33 UN icient housi 11 units wii e Housing Co ar to housing using improv eduled for i oved housing ions with an vill be prov od support i od improvement constructed	standards. , plumbing SUBSTANDA ng for memb ll meet who ommunity Pro- ng available rement plan mprovement will provi uple interior rided for a infrastructu	Renovates and lighting ARD: 910 UN Ders and le house ofile. The new e in the off- for the in this phase. Ide a modern or and exterior second re will be holude trail Chese houses ar
and dernization, utility sitchens, bathrooms, systems.	ADE	QUATE: 33 Phase 1 Phase 1 and eff: ademy. A with th use simil of the ho are sch The impr onfigurat arking w eighborho bighborho housing of They ha	meet current s electrical 33 UN icient housi 11 units wii e Housing Co ar to housing using improv eduled for i oved housing ions with an vill be prov od support i od improvement constructed ve not recei	standards. SUBSTANDA SUBSTANDA ng for memb ll meet who ommunity Pro- ng available rement plan mprovement y will provide ple interior rided for a infrastructu ents will in in 1959. The lived major of	Renovates and lighting ARD: 910 UN Ders and le house ofile. The new e in the off- for the in this phase. Ide a modern or and exterior second re will be holude trail These houses ar upgrades since
andernization, utilit itchens, bathrooms, systems.	ADE	QUATE: 33 Phase 1 Phase 1 and eff: ademy. A with th use simil of the ho are sch The impr onfigurat arking w eighborho sighborho housing o They ha ng needs	meet current s electrical 33 UN icient housi 11 units wi e Housing Co ar to housing using improv eduled for i oved housing ions with an vill be prov od support i od support i od improveme constructed ve not recei . All house	standards. substandards. substanda substanda ng for memb ll meet who ommunity Pro- ng available rement plan mprovement will provi ople interior rided for a infrastructu ents will in in 1959. To ved major to a infrastructu	Renovates and lighting ARD: 910 UN Ders and de house offile. The new e in the off- for the in this phase. ide a modern or and exterior second re will be holude trail Chese houses ar upgrades since sture systems
and dernization, utility itchens, bathrooms, systems.	ADE	QUATE: 33 Phase 1 Phase 1 and eff: ademy. A with th use simil of the ho are sch The impr onfigurat arking w aighborho dighborho housing of They ha ng needs their a	meet current s electrical 33 UN icient housi ll units wi e Housing Co ar to housing using improv eduled for i oved housing ions with an vill be prov od support i od improveme constructed ve not recei . All house ge and effec	standards. SUBSTANDA SUBSTANDA ng for memk ll meet who memunity Pro- ng available rement plan mprovement will provi ngle interior rided for a infrastructu ents will in in 1959. The infrastructu a infrastructu to of an al	Renovates and lighting ARD: 910 UN Ders and de house offile. The new e in the off- for the in this phase. ide a modern or and exterior second re will be holude trail Chese houses ar upgrades since sture systems
andernization, utilit itchens, bathrooms, systems. 11. REQUIREMENT: 1 PROJECT: Improve Mili REQUIREMENT: This pro- families at the Unit standards and are pro- housing will provide base community. This cademy. Sixty-six use base community. This itchen, living areas storage and a single base community areas storage and a single base common areas storage and a single base construction and do a require major repair environment. Insulat	Additional and floor coverings. Additional floor floo	QUATE: 33 Phase 1 and eff: ademy. A with th use simil of the ho are sch The impr onfigurat arking w eighborho bighborho housing o They ha ng needs their a substanda plumbing	meet current s electrical 33 UN icient housi 11 units will e Housing Co ar to housing using improve eduled for i oved housing ions with an vill be prov od support i od improveme constructed ve not recei . All house ge and effec rd. Basemen	standards. SUBSTANDA SUBSTANDA ng for memb ll meet who ommunity Pro- ng available rement plan mprovement y will provi nple interior infrastructu onts will in in 1959. To ived major to i infrastruct ts of an al t leaks and substandard	Renovates and lighting ARD: 910 UN Ders and de house ofile. The new a in the off- for the in this phase. ide a modern or and exterior second re will be aclude trail Chese houses are upgrades since sture systems pine d foundation . The interio
anodernization, utilit citchens, bathrooms, systems. 11. REQUIREMENT: 1 <u>PROJECT:</u> Improve Mili <u>REQUIREMENT:</u> This pro- tamilies at the Unit standards and are pro- housing will provide base community. This academy. Sixty-six of bacademy. Sixty-six of bacade	A states and states and states and floor coverings. A stary Family Housing, roject provides modern and floor coverings. A stary Family Housing, roject provides modern and States Air Force Ac ogrammed in accordance amenities and space of a sis the first phase of anits of 381 necessary n subsequent phases. Is, bedroom and bath co car garage. Exterior p guests. The basic nu- ern housing needs. Ne and playgrounds. This project improves of heavy use and age. not meet current housi or replacement due to tion in all units is a The electrical and p not adequate by today	2UATE: 33 Phase 1 and eff: ademy. A with th use simil of the ho are sch The impr onfigurat arking w eighborho bighborho housing of They ha ng needs their a substanda olumbing 's housi	meet current s electrical 33 UN icient housi 11 units will e Housing Co ar to housing using improve eduled for i oved housing ions with an vill be prov od support i od improveme constructed ve not recei . All house ge and effec rd. Basemen systems are ng standards	standards. SUBSTANDA SUBSTANDA ng for memb ll meet who ommunity Pro- ng available rement plan mprovement g will provi ngle interior infrastructu ents will in in 1959. The lived major was substandard . Bedrooms	Renovates and lighting ARD: 910 UN bers and ble house ofile. The new in the off- for the in this phase. ide a modern or and exterior second re will be holude trail Chese houses ar- upgrades since ture systems pine d foundation . The interio and baths are
anodernization, utilit citchens, bathrooms, systems. 11. REQUIREMENT: 1 PROJECT: Improve Milit REQUIREMENT: This pro- camilies at the Unit standards and are pro- housing will provide base community. This cademy. Sixty-six un base community. This academy. Sixty-six un base community. This construction and a single base community areas storage and a single base community areas storage and a single base community areas storage and a single base community. This current vehicle and appraded to meet mode systems, landscaping, <u>CURRENT SITUATION: Sister</u> showing the effects of construction and do pro- require major repair environment. Insulat cailures are common. spaces and layout is small, outdated, lac	A states and space of a states and playgrounds. A stary Family Housing, roject provides modern and floor coverings. A stary Family Housing, roject provides modern and States Air Force Ac ogrammed in accordance amenities and space of s is the first phase of anits of 381 necessary n subsequent phases. S, bedroom and bath co car garage. Exterior p guests. The basic nu- ern housing needs. Ne and playgrounds. This project improves of heavy use and age. not meet current housi or replacement due to cion in all units is a The electrical and p not adequate by today k adequate storage and	QUATE: 33 Phase 1 and eff: ademy. A with th use simil of the ho are sch The impr onfigurat arking w eighborho housing of They ha ng needs their a substanda olumbing 's housi d are gene	meet current s electrical 33 UN icient housi 11 units will e Housing Co ar to housing using improve eduled for i oved housing ions with an will be prov od support i od improveme constructed ve not recei . All house ge and effec rd. Basemen systems are ng standards erally ineff	standards. SUBSTANDA SUBSTANDA ng for memb ll meet who ommunity Pro- ng available rement plan mprovement y will provi ngle interior rided for a infrastructu ents will in in 1959. The lived major was a infrastructu ts of an all t leaks and substandard . Bedrooms iciently la	Renovates and lighting ARD: 910 UN Ders and de house offile. The new e in the off- for the in this phase. ide a modern or and exterior second re will be holude trail Chese houses are upgrades since sture systems pine d foundation . The interio and baths are id out for
nodernization, utilit stitchens, bathrooms, systems. 11. REQUIREMENT: 1 PROJECT: Improve Mili REQUIREMENT: This pro- families at the Unit standards and are pro- housing will provide base community. This academy. Sixty-six will base community. This	A states and additional and floor coverings. A stary Family Housing, roject provides moderned and states Air Force Action ogrammed in accordance amenities and space of s is the first phase of mits of 381 necessary n subsequent phases. s, bedroom and bath con- car garage. Exterior pro- guests. The basic ne- ern housing needs. Ne- and playgrounds. This project improves and or replacement due to tion in all units is a The electrical and pro- not adequate by today k adequate storage and tion. Some asbestos a	2UATE: 33 Phase 1 and eff: ademy. A with th use simil of the ho are sch The impr onfigurat arking w eighborho housing of They ha ng needs their a substanda plumbing r's housi d are gene nd lead	meet current s electrical 33 UN icient housi ll units will e Housing Co ar to housing using improve eduled for i oved housing ions with an vill be prov od support i od improveme constructed ve not recei . All house ge and effec rd. Basemen systems are ng standards erally ineff based paint	standards. SUBSTANDA SUBSTANDA ng for memb ll meet who ommunity Pro- ng available rement plan mprovement y will provide infrastructur in 1959. The infrastructur to of an all t leaks and substandard . Bedrooms iciently la is present	Renovates and lighting ARD: 910 UN Ders and ble house ofile. The new in the off- for the in this phase. Ide a modern or and exterior second re will be holude trail Chese houses are upgrades since sture systems lpine d foundation 1. The interior and baths are id out for in the units.
nodernization, utilit citchens, bathrooms, systems. 11. REQUIREMENT: 1 PROJECT: Improve Mili REQUIREMENT: This pro- families at the Unit standards and are pro- housing will provide base community. This cademy. Sixty-six use base community. This construction and a single base community areas storage and a single base common. Insulat tailures are common. spaces and layout is small, outdated, lack proper space utilizat these substances have	A states of the states of the states and playgrounds. A state of the states of the st	2UATE: 33 Phase 1 and eff: ademy. A with th use simil of the ho are sch The impr onfigurat arking w aighborho housing of They ha ng needs their a substanda olumbing 's housi d are gene nd lead ained, b	meet current s electrical 33 UN icient housi ll units will e Housing Co ar to housing using improve eduled for i oved housing ions with an vill be prov od support i od improveme constructed ve not recei . All house ge and effec rd. Basemen systems are ng standards erally ineff based paint ut will have	standards. SUBSTANDA SUBSTANDA ng for memb ll meet who ommunity Pro- ng available rement plan mprovement y will provi ngle interior infrastructu ents will in in 1959. The infrastructu ts of an all t leaks and substandard . Bedrooms iciently la is present a to be deal	Renovates and lighting ARD: 910 UN Ders and ble house offile. The new in the off- for the in this phase. ide a modern or and exterior is second re will be helude trail Chese houses are upgrades since sture systems lpine d foundation d. The interior and baths are id out for in the units.
anodernization, utilit anodernization, utilit anodernization, utilit anodernization, utilit anodernization, bathrooms, anodernization, anodernization, and another and another another and another another and another another and another another and another another and another another and a single another anoth	A states and additional and floor coverings. A stary Family Housing, roject provides moderned and states Air Force Action ogrammed in accordance amenities and space of s is the first phase of mits of 381 necessary n subsequent phases. s, bedroom and bath con- car garage. Exterior pro- guests. The basic ne- ern housing needs. Ne- and playgrounds. This project improves and or replacement due to tion in all units is a The electrical and pro- not adequate by today k adequate storage and tion. Some asbestos a	2UATE: 33 Phase 1 and eff: ademy. A with the use simil of the ho are sch The impr configurat arking weighborho housing of they ha ng needs their a substanda plumbing 's housi d are gene nd lead ained, b Fround Fa	meet current s electrical 33 UN icient housi ll units will e Housing Co ar to housing ions with an vill be prov od support i od improveme constructed ve not recei . All house ge and effec rd. Basemen systems are ng standards erally ineff based paint ut will have uult Interrup	standards. SUBSTANDA SUBSTANDA ng for memb ll meet who ommunity Pro- ng available rement plan mprovement y will provide rided for a infrastructur in 1959. The infrastructur to sof an all t leaks and substandard . Bedrooms iciently la is present a to be deal over protect	Renovates and lighting ARD: 910 UN Ders and ble house ofile. The new in the off- for the in this phase. ide a modern or and exterior second re will be holude trail Chese houses are upgrades since sture systems pine d foundation 1. The interio and baths are id out for in the units. It with upon fion. The HVAC

 COMPONENT 	FY 2003 MILITARY CONSTRUCTION PROJECT DATA 2. DATE					
AIR FORCE	(computer generated)					
3. INSTALLATION AND LOCATION 4. PROJECT TITLE						
USAF ACADEMY, COLORADO IMPROVE FAMILY HOUSING, PHASE 1						PHASE 1
5. PROGRAM ELEM	RAM ELEMENT 6. CATEGORY CODR 7. PRO				8. PROJECT	COST (\$000)
88746		711-111	XQF	2037226	ć	6,466
		Family housing wi	11			
						-
-	_	rs to occur. The	_		-	-
_		lity of the livin	-			
n substandard h	ousing uni	ts because off-b	ase affo	rdable housi	ng in increa	singly
difficult to def	ine.					
ORK ACCOMPLISHE	D IN PREVI	OUS THREE YEARS:	None			
			~			
		THREE YEARS: Non				
		ngineer: Col Sco		s, DSN 333-2	660	
				s, DSN 333-2	660	
				s, DSN 333-2	660	
				es, DSN 333-2	660	
				s, DSN 333-2	660	
				s, DSN 333-2	660	
				s, DSN 333-2	660	
				s, DSN 333-2	660	
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				s, DSN 333-2	660	
				s, DSN 333-2	660	

1. COMPONENT					2. DATE	
	FY 2003 MILITARY CO	ISTRU	CTION PROJ	έςτ σάτα	2. DATE	
AIR FORCE						
3. INSTALLATION AND LOCATIO	DN		4. PROJECT TITL	E		
PETERSON AIR FORCE BA	ASE. COLORADO	IMPROVE FAMILY HOUSING				
5. PROGRAM ELEMENT					COST (\$000)	
88742	711-143	т	DKA034020		7.53 1	
00742	9. COST			•	7.55 1	
I III	EM	U/M	QUANTITY	UNIT COST	COST (\$000)	
MILITARY FAMILY HOUS			87	58.000	5,046	
SUPPORTING FACILITIES					1,918	
SITE IMPROVEMENTS MECHANICAL		LS LS			(208)	
ELECTRI AL		LS			(1,236) (102)	
LEAD-BASED PAINT RI	EMOVAL	LS			(372)	
SUBTOTAL					6,964	
CONTINGENCY (5%) TOTAL CONTRACT COST					<u>348</u> 7,312	
SUPERVISION INSPECTION	N AND OVERHEAD (3.0%)				219	
TOTAL REQUEST					7,531	
AREA COST FACTOR	0.82					
MOST EXPENSIVE UNIT 10. DESCRIPTION OF PROD	65,000		family housing	units with all	necessary	
amenities and supporting facil						
meet current standards. Renov	vates kitchens, bathrooms, and	floor co	verings. Converts	s 26 three-bedro	om units to four-	
bedroom units and 48 three-be						
bedroom units and 1 single-fat recreation areas and connectin		meet the	e new size standar	rds. Provides pla	aygrounds and	
11. Requirement: 481 UN	ADEQUATE: 271 U	N S	UBSTANDARD	: 210 UN		
-						
<u>PROJECT:</u> Improve Military	Family Housing Phase 8 (Cu	rrent Mi	ssion)			
REOUIREMENT : This proje	ect is required to provide mode	em and e	efficient housing t	for military men	nbers and their	
dependents stationed at Peter	rson AFB. All units will meet	modem	housing standard	s and are progra	ammed in	
	g Community Plan. The housing					
	the off-base civilian communit and bath configuration, with					
	vo to four, as identified in the					
	in accordance with current star					
	ommissioned Officers Quarters					
	eation areas connected to the l				nmunity support	
	Community Plan and Air Fore his project addresses a signific				ies at	
	junior and senior enlisted hou					
effects of age and heavy use.	These units have had no maj	or upgra	des since construc	ction and they d	o not meet the	
	r do they provide a modem ho					
	are small and lack adequate cl hborhood has an insufficient r					
and counter space. The heig	noomood nus un mourneient i		r pluggrounds/tot		non ruennues.	

DD FORM 1391, DEC 76 'AGE NO

1. COMPONENT					· •	2. DATE
	F	Y 2003 MILITARY COM	NSTRU	JCTION PROJEC	T DATA	
AIR FORCE						
3. INSTALLATION AND LO	CATION	l		4. PROJECTTITLE		
PETERSON AIR FORC	E BAS	SE, COLORADO		IMPROVE FAMIL	Y HOUSING	
5. PROGRAM ELEMENT	6. CATEGORY CODE 7. PROJECT NUMBER 8. PROJECT COST (\$000)					COST (\$000)
00740		711 142	-		-	521
88742	IDED.	711-143 The off base housing costs		TDKA034020		,531
		e available. Failure to renova				
		ssive rental rates to live in a			ung mining to	
		IN THE PREVIOUS THE				
		OR NEXT THREE YEAD				
		ets the criteria/scope specifie				
		improve these housing units	is below	w 70% of the replace	ment cost. Bas	e Civil
Engineer: Lt Col Willian	n Vale	nti, DSN 834-7633.				

. . .

AIR FORCE	DNENT FY 2003 MILITARY CONSTRUCTION PROJECT DATA 2. DATE CE (computer generated)						
3. INSTALLATION AN	D LOCATION		4. PROJECT	TITLE	 		
IURLBURT FIELD, FLORIDA IMPROVE FAMILY HOUSING					3		
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJ	ECT NUMBER	8. PROJEC	T COST (\$000)		
88742	711-143	FTE	V994022	12,422			
	9. COST I	STIMATES	- 	·			
	ITEM	U/M	OUANTITY	UNIT	COST		
MPROVE FAMILY HOUS	ling	UN	213	41,000	8,73		
UPPORTING FACILITI	ES				2,46		
PAVEMENTS		LS			(80		
SITE IMPROVEMENTS		LS			(42.		
DEMOLITION		LS			(25		
ASBESTOS/LEAD PAIN	T REMOVAL	LS			(27		
UTILITIES		LS			(386		
LANDSCAPING		LS			(320		
WTOTAL					11,19		
ONTINGENCY (5%)					56		
OTAL CONTRACT COST					11,752		
UPERVISION, INSPEC	TION AND OVERHEAD (5.	7%)			670		
OTAL REQUEST					12,422		
REA COST FACTOR		. 82					
FFECTIVE STATUTORY	LIMIT	0					
OST EXPENSIVE UNIT	65	,000					
urrent standards. lane, provides inc	or modernization and re Upgrades kitchens, bat reased energy efficienc ludes demolition and as	hrooms a y, priva	nd floor co cy fencing,	overings, imp patios, and	proves floor I replaces		
1. REQUIREMENT:	1,010 UN ADE	QUATE: 39	98UN	SUBSTANDA	RD: 282UN		
ROJBCT: Improve F	amily Housing (Phases)	B, C, D	&E). (Curr	cent Mission)			
	ct is required to prov						
	ependents stationed at						
	e safety codes and to p ble to the off-base civ				-		
	d are programmed in acc						
ousing will provid	e a modern kitchen, liv	ing room	, family ro	om, bedrooms	and bathrooms		
-	and exterior space to		-	-			
	ide. Provide a way to and personal identity. ained.						
	This project upgrades	and mode	rnizes hous	ing which wa	as constructed		
1 1957 and 1976.	These houses require ma	jor renov	vation and	repair to co	prrect		
	age and heavy use. The						
cogramming, Design	a modern home environm and Construction, 1995 vanities, and ceramic t	. The b	athrooms ar	e unattracti	ve with		
ILLALGU LIALUICS,	Vanities, and teramit t	110 11001					
NODY 1301 DEG 70	Previous edit		-hl-+-		Page No.		

DD FORM 1391, DEC 76 Previous editions are obsolete.

1. COMPONENT	FY 2003 MILITARY C	ONSTRUCTION PROJECT	DATA 2. DATE	
AIR FORCE	(computer generated)			
3. INSTALLATION AND	TITLE			
HURLBURT FIELD, FLO	ILY HOUSING			
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST (\$000)	
00742	711-143	FTEV994022	12,422	

countertops are obsolete, renovation is required to provide modem kitchens. The vinyl tile flooring throughout the units creates an institutional character. The mechanical items including gas-fired domestic hot water heaters, air conditioning condensing units, insulation on refrigerant piping, and diffuser/grilles are all in poor condition. The electrical systems do not meet modern construction codes and have been grandfathered with each change of the electrical codes and must be addressed for safety issues. All exterior, kitchen and bathroom outlets need to be upgraded to GBCI protected circuits. **Existing** flat carport roofs are not adequate for climatic conditions. The overall exterior is very plain and lacks visual interest.

IMPACT IF NOT PROVIDED: Units will continue to deteriorate rapidly, resulting in increasing operations, maintenance/repair costs to the government, and inconvenience to residents. Low morale and retention problems can be expected if such conditions are permitted to continue, since suitable, affordable off-base housing is not available. **VORK ACCOMPLISHED IN PREVIOUS THREE YEARS:** None

YORK PROGRAMMED FOR NEXT THREE YEARS: None

<u>ADDITIONAL</u>: The SIOH of 5.7% is due tothe Army Corp of Engineers id the **lesign/construction** agent. Base Civil Engineer: Lt Col Timothy L. Boone, (850) 884-1701

1. COMPONENT FY 2003 MILITARY CONSTRUCTION PROJECT DATA 2. DATE AIR FORCE (computer generated) 4. PROJECT TITLE 3. INSTALLATION AND LOCATION HANSCOM AIR FORCE BASE, MASSACHUSETTS PRIVATIZE MILITARY FAMILY HOUSING 5. PROGRAM ELEMENT CATEGORY CODE 7. PROJECT NUMBER 8. PROJECT COST (\$000) 88742 MXRD993002 711-142 0 9. COST ESTIMATES UNIT COST U/M OUANTITY ITEM PRIVATIZE MILITARY FAMILY HOUSING UN 687 0 0 SUPPORTING FACILITIES 0 SUBTOTAL 0 TOTAL CONTRACT COST 0 TOTAL REQUEST 0 AREA COST FACTOR 1.12 EFFECTIVE STATUTORY LIMIT 0 10. Description of Proposed Work: Convey 507 existing units and construct 180 units for a privatization end state of 687 units on approximately 174 acres of land. Without privatization the MILCON cost for this work is \$ 34.21 for an anticipated leverage of 14:1. Privatized units will provide general interior and exterior modernization and renovation including utility improvements and additions to meet current standards. 11. REQUIREMENT: 687UN ADEQUATE: OUN SUBSTANDARD: 0 UN PROJECT: Privatize Military Family Housing REQUIREMENT: This project is required to provide modern and efficient housing for nilitary members and their dependents stationed at Hanscom AFB. 395 units will be upgraded to meet current standards and provide comfortable homes comparable to the off page civilian community. Additionally, 180 of the existing units will be demolished (100 Battle Road Glen units & 80 old Scott Circle units) and replaced with 180 new units to reduce the deficit. All units will meet "whole-house" standards. Renovated units uill provide a modern kitchen, living room, family room, bedroom, bath and storage. Living units will be expanded to meet current space authorizations. Single car garages and off street parking will be provided where deficient. Neighborhood improvements are required and will include landscaping, playgrounds and recreation areas. CURRENT SITUATION: This project modernizes and upgrades housing which was constructed, as far back as, 1958. These houses require major renovation and repair to correct deficiencies. Few have had major upgrades since construction and do not meet the needs of today's families. The kitchens, bathrooms and living areas are outdated and many of the units do not meet "whole-house" standards. IMPACT IF NOT PROVIDED: Units will continue to deteriorate, resulting in increased operations, repair and maintenance cost and occupant inconvenience. The morale, welfare and quality of life of our military personnel will continue to decline due to inadequate lousing. ADDITIONAL: This project contains no resale merchandise, services or commercial recreation operations or actitivities IAW with the SAF/MI Housing Privatization Interim perating Instructions memo dated 2 Mar 99 and AF/IL memo regarding coordination with AFES, DeCA and MWR Board dated 19 March 99. A viable proforma and a preliminary aconomic analysis will be developed and provided during the concept approval process and a certified economic analysis will be accomplished prior to completion of the solicitation process. Base Civil Engineer: Mr. Chris Perkins, DSN 478-4352.

Previous editions are obsolete.

1. COMPONENT						2. DATE	
	FY 2003 MILITARY CONSTRUCTION PROJECT DATA						
AIR FORCE					_		
3. INSTALLATION AND LOCATION 4. PROJECT TITLE PRIVATIZE MILITARY FAMILY HOUSING							
	CANNON AIR FORCE BASE, NEW MEXICO						
5. PROGRAM ELEMENT		6. CATEGORY CODE	7. PRO	JECT NUMBER	8. PROJECT COST (\$000)		
88742		711-142	С	ZQZ030004	77	7,754	
00712	9. COST E\$TI				,,,,	COST	
MILITARY FAMILY H	ITER OUSIN		U/M UN	QUANTITY 1294	UNIT COST	(\$000) 7,754	
SUBTOTAL	0001		011			7,754	
TOTAL CONTRACT CO	OST					7,754	
TOTAL REQUEST						7,754	
AREA COST FACTOR		1.04			[
		OPOSED CONSTRUCTION		•		•	
		vatization, end state, on a					
		ost for this work is \$58.3N					
provide modem interior	and e	exterior upgrades and mee	t current	AF space and	floor plan stand	lards.	
11 Deminunt 10	04 11	N Adamata (()	TINT	Trandam			
11. Requirement: 1,2		N Adequate: 660 ry Family Housing (Curre			uate: 634 UN		
		ject is required to provide			ousing for mili	tary members	
-	and their dependents stationed at Cannon APB. 844 units must be upgraded or replaced to provide modem and efficient housing for military members and their dependents stationed at Cannon AFB. After						
completion, all units will meet "whole house" standards and are programmed in accordance with the Housing Community Plan. Privatized units will provide modem interior; covered patios; be energy efficient;							
meet current space and floor plan standards; have modern kitchens and bathrooms; carpet in all living areas;							
garages instead of carports; utility meters and landscaping around all units.							
CURRENT SITUATION : The current MFH units were constructed in 1957, 1966, 1974 and 1994. The							
361 units constructed in 1994 meet "whole house" standards and 299 units have been upgraded to "whole							
house" standards. Of the remaining 712 units, 63 were constructed in 1957,399 in 1966 and 250 in 1974.							
A majority do not meet the requirements of the "whole house" standard or the needs of today's families, nor							
do they provide a modem home environment. The electrical systems do not meet modem codes. Ground							
fault interrupter protection is not provided for all bathroom, kitchens, and exterior circuits. Plumbing and							
lighting fixtures are dated and deteriorated. The units do not have adequate living and storage space, most							
lack covered patios and all lack garages. The 63 units constructed in 1957 that have not been upgraded,							
require major renovation including new exterior doors and windows. The northern housing area is separated							
from the rest of the base by a major highway and mainline railroad tracks and currently limited community facilities. Also, water pressure is low in our northern housing area, containing 611 units, and a new water							
tower needs to be constructed to alleviate this problem.							
to wer needs to be constructed to unovide and problem.							

1. COMPONENT

AIR FORCE

FY 2003 MILITARY CONSTRUCTION PROJECT DATA

2. DATE

3. INSTALLATION AND LOCATION

CANNON AIR FORCE BASE

4. PROJECT TITLE

PRIVATIZE MILITARY FAMILY HOUSING

CZQZ030004

5. PROJECT NUMBER

IMPACT IF NOT PROVIDED: Units will continue to deteriorate rapidly, resulting in increasing operations, maintenance and repair costs to the Government and inconvenience to residents. Without this project repair of these units will continue in a costly, piecemeal fashion with little or no improvement in living quality. The impact will be a major morale problems for those families living in inadequate military family housing units and an unacceptable financial hardships for military families on limited budgets occupying units meeting standards in the local community with higher rents.

WORK ACCOMPLISHED IN THE **PREVIOUS THREE** YEARS: FYOO, whole house improvement of 83 units.

WORK PROGRAMMED FOR NEXT THREE YEARS: None

ADDITIONAL: The scope of this privatization project has been reviewed by the installation commander and these units are severable according to the "MFH severability" criteria contained in the AF FHMP. This privatization project contains no resale merchandise, services or commercial recreational operations or activities in accordance with the **SAF/MII** Housing Privatization Interim Operating Instructions memorandum dated 2 Mar 99 and **AF/IL** memo regarding coordination with AFFES **DeCA** and MWR board dated 19 Mar 99. A viable pro forma and preliminary economic analysis will be developed and provided during the project development phase, and a certified economic analysis will be accomplished prior to completion of the solicitation process. All children living in military housing currently attend schools run by the local governments. Privatization of housing should have no effect on the school system. In the event the privatization is not feasible, the Air Force will execute an improvement projects for 100 units with the most expensive unit cost of \$98,000 in accordance with the Installation's Housing Community Plan and at the programmed amount requested by this privatization candidate. Base Civil Engineer: Lt **Col** Nicholas L. Desport, (505) 784-2008. The requested funds will be transferred to the **DoD FHIF** when the project is ready for award.

1. COMPONENT					~		
	FY 2003 MILITARY CONSTRUCTION PROJECT DATA 2. DATE (computer generated)						
AIR FORCE		(compu	cer gene	rated)			
3. INSTALLATION	3. INSTALLATION AND LOCATION 4. PROJECT TITLE						
WRIGHT-PATTERSON	N AIR	FORCE BASE, OHIO		IMPROVE M	FH PHASE1		
5. PROGRAM ELEM	ent	T 6. CATEGORY CODE 7. PROJECT NUMBER 8. PROJECT			CT COST (\$000)		
88742		711-144	ZH	rv994004		13,436	
		9. COST F	STIMATE	s			
ITEM				OUANTITY	UNIT	COST	
IMPROVE MPH PH 1	IMPROVE MPH PH 1 UN 222 49,572 11,0						
IMPROVE MPH PH 1 BRICKS SOQS			U	12	203,000	(2,436)	
IMPROVE MPH PH	1 PIN	E ESTATE	UN	210	40,805	(8,569)	
SUPPORTING FACIL	ITIES				-	1,419	
			EA	1	1,418,500		
	COMMUNITY IMPROVEMENTS				1,410,500	(1,419)	
SUBTOTAL						12,424	
	5%)					621	
TOTAL CONTRACT COST						13,045	
SUPERVISION, INSPECTION AND OVERHEAD (3%)					-	391	
TOTAL REQUEST						13,436	
AREA COST FACTOR			.97				
MOST EXPENSIVE U	NIT	203	,000				
	n sys	downspouts & gutters tems. Replace upstai im.	—		_		
11. REQUIREMENT	C: 51	8 UN ADEÇ	QUATE: (UN	SUBSTAND	ARD: 518 UN	
PROJECT: Improve	e MPH	Phase I Pine Estates	(Curre	nt Mission)	•		
REQUIREMENT: Mod	lern 1	nousing with adequate	storage	and commu	nity amenitie	es	
		INE ESTATES: Kitchens					
		he mid 1970s , and are					
-		privacy. There is n space shortages within		-	lack of store	-	
						-	
garages is causing the occupants to park outside and on the street, leading to traffic congestion. The HVAC units are old and failing. The flooring has become worn out.							
-		ing requiring frequen					
BRICK QUARTERS: The facilities date to from the 1930s and require a comprehensive							
the occupants wit	hout	ing system experienc heat on occasion. El	ectrical	systems n	eed to be moo	dernized and	
upgraded. Communications cabling has been mounted outside the facility and needs to be							
relocated to interior walls. Second floor bathrooms require a life cycle renovation. Interior finishes need to be rehabilitated, overpainted wood trim replaced, and							
hazardous materials abated. Exterior brickwork, windows, trim, flashing, and downspouts							
need to be restored, repaired, or replaced. The roof leaks around old flashing.							
Driveways are too narrow and cannot accommodate the increased use of automobiles for							
-		n since the 1930s.					
IMPACT IF NOT PROVIDED: If interior repairs are not made the military occupant and family will live in substandard conditions. Failure to accomplish the exterior repairs							
	76	Previous edit					

DD FORM 1391, DEC 76 Previous editions are obsolete.

1. COMPONENT	F		CONSTRUCTION PROJEC	T DATA	2. DATE
AIR FORCE		(compu	ter generated)		
3. INSTALLATION	I AND LOCAT	TION	4. PROJECT	T TITLE	
WRIGHT-PATTERSO	N AIR FORC	E BASE, OHIO	IMPROVE MI	H PHASE 1	
5. PROGRAM ELEM	ENT. 6. (CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT	COST (\$000)
88742		711-144	ZHTV994004	1	.3,436
will lead to de frequent broken occupants. Fai the Brick Quarte affect the qual: units will not WORK ACCOMPLISH WORK PROGRAMMED ADDITIONAL: The National Registe has been prepar improvement, and	water pip ling utili ers. The f ity of life provide mo <u>ED IN PREV</u> <u>FOR NEXT 7</u> e Brick Qua er as part ed compari d status qu	n of housing unit es causing outage ty systems will n lack of fencing a e of housing occu dern and attract IOUS THREE YEARS: INTREE YEARS: Nor arters portion of of the Brick Qua- ng the alternativ 10. Improvement	s. Failure to repa es, disrupting the result in increased and storage in Pine upants. If repairs ive housing for mil _ Repair kitchens,	ir waterlines lives of the h nuisance serv Estates will are not accomp itary families baths and ext igible to be l trict. An eco stion, whole-ho e most cost ef	will lead to ousing ice calls in adversely olished the eriors isted on the nomic analysis use ifective

AIR FORCE			TION PROJEC	T DATA	2. DATE
	(compu	ter gene			
3. INSTALLATION AN	D LOCATION		4. PROJECT	r title	
SHAW AIR FORCE BAS	E, SOUTH CAROLINA		PRIVATIZE	MILITARY FA	MILY HOUSING
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJ	JECT NUMBER	8. PROJE	CT COST (\$000)
88742	711-121	VLSE	030009R1		0
	9. COST F	STIMATE	ı 		[
	ITEM	U/M	OUANTITY	UNIT	COST
I?RIVATIZE MILITARY	FAMILY HOUSING	UN	1704	а	
SUPPORTING FACILITI		0.1		ũ	
SUBTOTAL					
TOTAL CONTRACT COST					
TOTAL REQUEST					(
AREA COST FACTOR		. 86			
EFFECTIVE STATUTORY	ТТМТТ	. өс			
MOST EXPENSIVE UNIT		a			
1.0. Description of	Proposed Work: Convey	rg 1 704	evisting a	ingle and my	ltipley bouging
<u> </u>	Military Family Housin	-			
REQUIREMENT: This	project is required to	provide	modern and	l efficient 1	-
REQUIREMENT: This military members and 50-69 units must be comfortable and app community. After c	project is required to d their dependents at S upgraded to meet curre ealing living environme ompletion, all units wi	provide haw AFB. nt life nt compa ll meet	modern and 900 Wherry safety code rable to th the whole 1	l efficient i y units and es and to pr ne off-base house standa	240 Appropriate ovide a civilian rds, programmed
<u>REQUIREMENT:</u> This military members an 50-69 units must be comfortable and app community. After c in accordance with	project is required to d their dependents at S upgraded to meet curre ealing living environme ompletion, all units wi the Housing Community P	provide haw AFB. nt life nt compa ll meet lan. Mo	modern and 900 Wherry safety code rable to th the whole b dem kitches	l efficient i y units and es and to pr ne off-base house standa ns, bathroom	240 Appropriate ovide a civilian rds, programmed ns and floor
<u>REQUIREMENT:</u> This military members and 50-69 units must be comfortable and app community. After c in accordance with coverings, as well	project is required to d their dependents at S upgraded to meet curre ealing living environme ompletion, all units wi	provide haw AFB. nt life nt compa ll meet lan. Mo ios, pla	modern and 900 Wherry safety code rable to th the whole b dem kitches ygrounds an	l efficient i y units and es and to pro- ne off-base house standa ns, bathroom nd recreation	240 Appropriate ovide a civilian rds, programmed ns and floor nal areas, are
<u>REQUIREMENT:</u> This military members and 50-69 units must be comfortable and app community. After c in accordance with coverings, as well necessary to meet the and supporting faci	project is required to d their dependents at S upgraded to meet curre ealing living environme ompletion, all units wi the Housing Community P as privacy fencing, pat mese standards. Modern lities to include site	provide haw AFB. nt life nt compa ll meet lan. Mo ios, pla conveni preparat	modern and 900 Wherry safety code rable to th the whole b dem kitches ygrounds an ences inclu ion, carpon	l efficient i y units and es and to pro- ne off-base house standa ns, bathroom nd recreation ide all nece rts, energy	240 Appropriate ovide a civilian rds, programmed ns and floor nal areas, are ssary amenities efficient air
<u>REQUIREMENT:</u> This military members an 50-69 units must be comfortable and app community. After c in accordance with coverings, as well necessary to meet the and supporting faci conditioning, energy	project is required to d their dependents at S upgraded to meet current ealing living environme ompletion, all units wi the Housing Community P as privacy fencing, path mese standards. Modern lities to include site y solar features, parking	provide haw AFB. nt life nt compa ll meet lan. Mo ios, pla conveni preparat	modern and 900 Wherry safety code rable to th the whole b dem kitches ygrounds an ences inclu ion, carpon	l efficient i y units and es and to pro- ne off-base house standa ns, bathroom nd recreation ide all nece rts, energy	240 Appropriate ovide a civilian rds, programmed ns and floor nal areas, are ssary amenities efficient air
REQUIREMENT: This military members and 50-69 units must be comfortable and app community. After c in accordance with coverings, as well necessary to meet the and supporting faci conditioning, energy utilities, and land <u>CURRENT SITUATION:</u>	project is required to d their dependents at S upgraded to meet curre ealing living environme ompletion, all units wi the Housing Community P as privacy fencing, pat hese standards. Modern lities to include site y solar features, parkin scaping. The current housing un	provide haw AFB. nt life nt compa ll meet lan. Mo ios, pla conveni preparat ng, and its were	modern and 900 Wherry safety code rable to th the whole b dem kitches ygrounds an ences inclu ion, carpon support inf constructe	l efficient i y units and es and to pro- ne off-base house standa ns, bathroom nd recreation ide all nece rts, energy frastructure d between 19	240 Appropriate ovide a civilian rds, programmed ms and floor nal areas, are ssary amenities efficient air of roads, 952 and 1975.
REQUIREMENT: This military members and 50-69 units must be comfortable and app community. After c in accordance with coverings, as well necessary to meet the and supporting faci conditioning, energy utilities, and land <u>CURRENT SITUATION:</u> T'hese 28 to 51 year	project is required to d their dependents at S upgraded to meet current ealing living environme ompletion, all units with the Housing Community P as privacy fencing, pat- ness standards. Modern lities to include site y solar features, parking scaping.	provide haw AFB. nt life nt compa ll meet lan. Mo ios, pla conveni preparat ng, and its were jor renov	modern and 900 Wherry safety code rable to th the whole h dem kitches ygrounds an ences inclu ion, carpon support inf constructe vations and	l efficient i y units and es and to pro- ne off-base house standa ns, bathroom nd recreation ide all nece rts, energy frastructure d between 19 repair to c	240 Appropriate ovide a civilian rds, programmed ns and floor nal areas, are ssary amenities efficient air of roads, 952 and 1975. orrect
REQUIREMENT: This military members and 50-69 units must be comfortable and app community. After c in accordance with coverings, as well necessary to meet the and supporting faci conditioning, energy utilities, and land <u>CURRENT SITUATION:</u> T'hese 28 to 51 years dDeterioration from	project is required to d their dependents at Si upgraded to meet curre ealing living environme ompletion, all units wi the Housing Community Pi as privacy fencing, path these standards. Modern lities to include site y solar features, parking scaping. The current housing un r old houses require mag	provide haw AFB. nt life nt compa ll meet lan. Mo ios, pla conveni preparat ng, and its were jor renov e of the	modern and 900 Wherry safety code rable to th the whole b dem kitches ygrounds an ences inclu ion, carpor support inf constructe vations and se houses b	l efficient i y units and es and to pro- ne off-base house standa ns, bathroom nd recreation ide all nece rts, energy frastructure d between 19 repair to c had major up	240 Appropriate ovide a civilian rds, programmed as and floor nal areas, are ssary amenities efficient air of roads, 952 and 1975. orrect grades, but the
REQUIREMENT: This military members and 50-69 units must be comfortable and app community. After c in accordance with coverings, as well necessary to meet the and supporting faci conditioning, energy utilities, and land <u>CURRENT SITUATION:</u> These 28 to 51 years dDeterioration from remainder have not in meet family needs not fixtures are deteri	project is required to d their dependents at S upgraded to meet current ealing living environme ompletion, all units wi the Housing Community P as privacy fencing, path as privacy fencing, path	provide haw AFB. nt life nt compa ll meet lan. Mo ios, pla conveni preparat ng, and its were jor renov e of the e they w dern hom ounter t	modern and 900 Wherry safety code rable to th the whole h dem kitches ygrounds an ences inclu- ion, carpor support inf constructe vations and se houses h ere constru- te environme cops are war	l efficient i y units and es and to pro- ne off-base house standa ns, bathroom nd recreation ide all nece rts, energy frastructure d between 19 repair to c had major up ucted and th ent. Bathro ped, stained	240 Appropriate ovide a civilian rds, programmed as and floor nal areas, are ssary amenities efficient air of roads, 952 and 1975. orrect grades, but the erefore do not om cabinets and d and separatin
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REQUIREMENT: This military members and 50-69 units must be comfortable and app community. After c in accordance with coverings, as well necessary to meet the and supporting faci conditioning, energy utilities, and land <u>CURRENT SITUATION:</u> T'hese 28 to 51 years dDeterioration from remainder have not in meet family needs not f'ixtures are detering at the seams. Plumi meet current constru- systems. Ground fac- kitchens and exterior units do not have on	project is required to d their dependents at Si upgraded to meet curre ealing living environme ompletion, all units wi the Housing Community Pi as privacy fencing, path these standards. Modern lities to include site y solar features, parking scaping. The current housing un r old houses require may age and heavy use. Som had major upgrades since or do they provide a mo orated and obsolete. Co bing and lighting fixture action codes, especiall alt circuit interrupter or receptacles. Exterior adequate living and sto arports nor adequate of	provide haw AFB. nt life nt compa ll meet lan. Mo ios, pla conveni preparat ng, and its were jor renov e of the e they w dern hom ounter t res are y in Whe protection or siding	modern and 900 Wherry safety code rable to th the whole b dem kitches ygrounds an ences inclu- ion, carpor support inf constructe rations and see houses b ere constru- cops are war antiquated. rry units to ion is not g and insula	l efficient i y units and es and to pro- ne off-base house standa ns, bathroom nd recreation ide all nece rts, energy frastructure d between 19 repair to c had major up icted and th ent. Bathroo ped, stained Electrical that do not i provided in lation requi-	240 Appropriate ovide a civilian rds, programmed as and floor nal areas, are ssary amenities efficient air of roads, 952 and 1975. orrect grades, but the erefore do not om cabinets and d and separation systems do not have grounding bathrooms, re replacement. y. Numerous
REQUIREMENT: This military members and 50-69 units must be comfortable and app community. After c in accordance with coverings, as well necessary to meet the and supporting faci conditioning, energy utilities, and land <u>CURRENT SITUATION:</u> These 28 to 51 years dDeterioration from remainder have not in meet family needs not f'ixtures are detering at the seams. Plumi meet current constru- systems. Ground fac- kitchens and exterior these units have in units do not have careas for housing r	project is required to d their dependents at Si upgraded to meet current ealing living environme ompletion, all units wi the Housing Community Pi as privacy fencing, path hese standards. Modern lities to include site y solar features, parking scaping. The current housing un r old houses require may age and heavy use. Som had major upgrades sinc or do they provide a mo orated and obsolete. C bing and lighting fixture uction codes, especiall alt circuit interrupter or receptacles. Exterior adequate living and sto	provide haw AFB. nt life nt compa ll meet lan. Mo ios, pla conveni preparat ng, and its were jor renove e of the e they w dern hom ounter t res are y in Whe protection or siding	modern and 900 Wherry safety code rable to th the whole b dem kitches ygrounds an ences inclu- ion, carpor support inf constructe vations and see houses b rere constru- te environme cops are war antiquated. rry units to ion is not g and insuf- ace and no p parking. I	l efficient i y units and es and to pro- he off-base house standa ns, bathroom nd recreation ide all nece rts, energy frastructure d between 19 repair to c had major up acted and th ent. Bathroo ped, stained Electrical that do not i provided in lation requis- tandscaping	240 Appropriate ovide a civilian rds, programmed as and floor nal areas, are ssary amenities efficient air of roads, 952 and 1975. orrect grades, but the erefore do not om cabinets and d and separatin systems do not have grounding bathrooms, re replacement. y. Numerous and recreation

Page No.

1. COMPONENT	FY 2003 MILITARY C	DATA 2. DATE						
AIR FORCE	(computer generated)							
3. INSTALLATION	AND LOCATION	4. PROJECT	TITLE					
SHAW AIR FORCE B	ASE, SOUTH CAROLINA	PRIVATIZE M	ILITARY FAMILY HOUSING					
5. PROGRAM ELEMEN	NT 6. CATEGORY CODE	8. PROJECT COST (\$000)						
88742	711-121	VLSB030009R1	0					

inconveniencing the housing residents. Without this project, repairs to these units will continue in a costly, piecemeal type fashion, with little or no overall improvement to the quality of living standards. The impact will be a major morale problem for those families living in substandard military family housing units and unacceptable financial hardships for military families on limited budgets occupying off-base housing units that meet current living standards in the local community, but have higher rental rates. **WORK** ACCOMPLISHED IN PREVIOUS THREE YEARS: 60 units were upgraded to whole house standards last year.

WORK PROGRAMMED FOR NEXT THREE YEARS: 120 units are programmed for major renovation, but the year of renovation was not determined.

<u>ADDITIONAL:</u> The scope of this privatization project has been reviewed by the installation commander and these units are severable according to the "Military Family Rousing Severability* criteria contained in the Air Force Family Housing Master Plan. This privatization project contains no resale merchandise, services or commercial recreational operations or activities in accordance with the SAF/MII Housing Privatization Interim Operating Instructions memorandum, dated 2 Mar 99, and AF/IL memo regarding coordination with AAFES, DeCA and MWR Board, dated 19 Mar 99. A viable proforma and a preliminary economic analysis (EA) will be developed and provided during the concept approval process, and a certified EA will be accomplished prior to completion of the solicitation process. Base Civil Engineer: Lt Col Brian D. Yolitz, DSN 965-9562

Previous editions are obsolete.

1. COMPONENT		FY 2003 MILITARY C				CT DATA	2. DATE
AIR FORCE		(comput	er gen	er	ated)		
3. INSTALLATION	AND	LOCATION			4. PROJEC	T TITLE	
LANGLEY AIR FOR	CE BA	ASE, VIRGINIA			IMPROVE H	ISTORICAL FA	MILY HOUSING
5. PROGRAM ELEM	ENT	6. CATBGORY CODE	7. PR	OJ	ECT NUMBER	8. PROJE	CT COST (\$000)
88742		711-144	M	JHC	030201		15,643
		9. COST E	STIMAT	ES			
		ITEM	ע	M	OUANTITY	UNIT	COST
IMPROVE HISTORIC	CAL F.	AMILY HOUSING	U	N	46	0	13,534
UNIT TYPES:	COL	ONEL 3 BDRM	E	A	31	349,000	(10,819:)
UNIT TYPES:	SNC	CO 3 BDRM	E	A	15	181,000	(2,715:)
SUPPORTING FACIL	ITIE	S				-	561
DEMOLITION & AS	BEST	OS/LEAD BASE PAINT	U	N	46	10,196	(469:)
SPECIAL CONSTRU			U.		46	2,000	(92:)
SUBTOTAL						_,	
	F 0.)						14,095
CONTINGENCY (TOTAL CONTRACT ((5%) 'Ogm						705
			7&)				14,800 844
TOTAL REQUEST	SPECT.	ION AND OVERHEAD (5.7	(%)				
-			0.2				15,643
AREA COST FACTOR			.92				
SFFECTIVE STATUT	-		0				
MOST EXPENSIVE U		475, Proposed Work: Whole 1					
all necessary su to meet current facility. Inclu	pport stand des 1	This project will a dards without compromis mechanical, electrical , baths, lighting, and	upgrade sing th and pl	e a ne Lun	all system architect nbing syst	s to renovat ural integri ems, air	e each facility ty of the
11. REQUIREMEN	T: 1,	,606 ADEQ	UATE:	34	1	SUBSTAND	ARD: 1,265
PROJECT: Renova	te Hi	istoric Family Housing	(Curre	nt	Mission)		
standards. This exterior surface floors, cabinets surfaces, renova Ireplace/repair t asbestos/lead pa <u>CURRENT SITUATION</u> over the lifetim units never rece t:o deteriorate, a health risk to inefficient, and tripping hazard, IMPACT IF NOT PR	pro- pro- s, re , cou te in the e int, <u>N:</u> ¹ e of ived with occu does and <u>OVIDE</u>	idelines. This project ject will install insul eplace the slate roof intertops, vanities, ap iterior hardware, insta- lectrical system, insta- and landscape. The houses were constru- the houses, with some a complete renovation. leaks causing interior ipants. Forced-air hea s not adequately distri- causes rainwater to co- co: Continuing deterior r costs, requiring inco-	lation, system, pplianc all bat all pho noted i system Stru damag ating w bute t ollect pration	r es hr n s ct vas he ar	replace wi , replace wi , repair/: oom vents, e wiring, 1934. Per upgraded a ural and The exist installe ainstalle air. Cra cound found of the fact	veways and s ndows, repla refinish all replace the remove/dispose riodic maint as they fail building com sting lead-build d in the 196 acked exterior dation areas ility will i	sidewalks, repair ce kitchen interior e HVAC system, se of enance occurred ed, but the ponents continue ased paint poses 0s , but is or pavement is a ncur increased
	- CPGI		iona or				

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1. COMPONENT	FY 2003 MILITARY	CONSTRUCTION PROJECT	DATA 2. DATE						
AIR FORCE	(compu	(computer generated)							
3. INSTALLATION	AND LOCATION	4. PROJECT	TITLE						
LANGLEY AIR FOR	CE BASE, VIRGINIA	IMPROVE HIS	FORICAL FAMILY HOUSING						
5. PROGRAM ELEM	IENT 6. CATEGORY CODE	8. PROJECT COST (\$000)							
88742	711-144	MUHJ030201	15,643						

habitable condition.

WORK ACCOMPLISHED IN PREVIOUS THREE YEARS: None

WORK PROGRAMMED FOR NEXT THREE YEARS: None

<u>ADDITIONAL:</u> This project will meet the criteria/scope indentified in Part11 of Military Handbook 1190, "Facility Design Guide*. Since this is an improvement project, there will be no increase in the student population or impact on the ability of the local school district to support base dependents. Improvement as a percentage of replacement for Officer and NCO quarters is 94% and 134% respectively. Although the 70% rule will be exceeded, housing units will be improved due to their historical status. The U. S. Army Corps of Engineers will be used to accomplish this project. Base Civil Engineer: Lt Col Drew Jeter (757) 764-2025.

1. COMPONENT	F	2003 M	ILITARY C	CONSTR	vucu	ION PROJE	CT DATA	2. DATE
AIR FORCE			(comput	ter ge	ener	ated)		
3. INSTALLATION	AND LOCAT	ION				4. PROJEC	T TITLE	
FRANCIS E WARRE	N AIR FORC	E BASE,	WYOMING			PRIVATIZE	FAMILY HOUS	ING
5. PROGRAM ELEM	ENT 6. C	ATEGORY	CODE	7. P	ROJ	ECT NUMBER	8. PROJE	CT COST (\$000)
88742		711-11	.1		GHL	N034000		0
		9.	COST E	STIM	TES			
	ITEM				<u>u/m</u>	OUANTITY	UNIT	COST
PRIVATIZE FAMILY	HOUSING				UN	265	0	o
SUPPORTING FACI	LITIES							0
SUBTOTAL								0
TOTAL CONTRACT C	COST							0
TOTAL REQUEST								o
AREA COST FACTOR	R		:	1.04				
LO. Description	of Propos	ed Work:	Convey	265	exi	sting Carl	.in Heights M	FH units for
privatization.	Privatize	d units	will pro	vide	gen	eral inter	ior and exte	rior
nodernization an	d renovati	on.						
11. REQUIREMEN	T: 265		ADEQ	UATE:	0		SUBSTAND	ARD: 265
<pre>PROJECT: Privat</pre>	ize Milita	ry Famil	y Housing	g. (Cur	rent missi	on)	
REQUIREMENT: Th	is project	is req	uired to	provi	.de	modern and	d efficient l	housing for
dlitary members	and their	depende	nts stat:	ioned	at	FE Warren	AFB. 265 u	nits will be
upgraded to meet								and appealing
living environme	-						-	l units will
meet 'whole hous								
Housing Communit	-		-		-			-
family room, bed Living units wil	-		-			-		-
street parking w	_							-
and will include	-					-	-	nts are required
	_		-				year old hous	sing
constructed in 1		-					-	-
deterioration re			-	-			-	
materials. They	have had	no major	upgrades	s sind	ce d	constructio	on and do not	meet the needs
of today's famil	ies. Winde	ows, sid	ing, and	insu	lati	ion requir	e replacement	t. Many
interior compone								
-			-	-	-		rage, and no	-
<pre>backyard privacy Pavement areas</pre>	need repla	cement.					-	
IMPACT IF NOT PR								
in increased ope inconvenience to								
inconvenience to in a costly, pie					-	-		
VORK ACCOMPLISHE						—		-
Carlin \$62K	, 18271							
CHLN 974027 Repl	ace Window	s C arlin	Heights	\$400	ĸ			
WORK PROGRAMMED	FOR NRYT m	HBEE VEN	RS: None	<u> </u>				
					eed	that the	265 Carlin He	eights units are
DD FORM 1391, DEC	76	Previ	ous edit:	ions	are	obsolete.		Page No.

1. COMPONENT	FY 2003 MILITARY	FY 2003 MILITARY CONSTRUCTION PROJECT DATA						
AIR FORCE	(comp	(computer generated)						
3. INSTALLATION	INSTALLATION AND LOCATION 4. PROJECT TITLE							
FRANCIS E WARRE	N AIR FORCE BASE, WYOMING	PRIVATIZE FA	AMILY HOUSING					
5. PROGRAM ELEM	IENT 6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST (\$000)					
88742	711-111	GHLN034000	0					

severable according to the criteria contained within the 2000 Air Force Family Housing faster Plan. This project contains no resale merchandise, services, or commercial recreation operations or activities IAW with the SAF/MI Housing Privatization Interim >perating Instructions memo dated 2 Mar 99 and AF/IL memo regarding coordination with NAFES, DeCA, and MWR Board dated 19 Mar 99. A viable proforma and a preliminary >conomic analysis will be developed and provided during the concept approval process, und a certified economic analysis will be accomplished prior to completion of the solicitation process. Base Civil Engineer: Lt Col Steven Ditmer, DSN 484-3600.

Previous editions are obsolete.

	FY 2003 MILITARY			DATA	2. DATE
AIR FORCE	(compu	ter gener	rated)		
3. INSTALLATION AN	D LOCATION		4. PROJECT	TITLE	
VOGELWEH FAMILY HO	USING ANNEX, GERMANY FE	D REP 0	IMPROVE FAM	ILY HOUSING	
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJ	IECT NUMBER	8. PROJECT	F COST (\$000)
00742	711-161	YAN	B034546		51,526
	9. COST I	STIMATES	3		
	ITEM	<u>ע/ש</u>	QUANTITY	UNIT	COST
FAM HSG, DEUTCHMRK		UN	376	112,739	42,390
SUPPORTING FACILITI	ES			-	4,569
WALKWAYS AND PARKI	ING	LS			(4,569
SWTOTAL					46,959
CONTINGENCY (5%)					2,340
TOTAL CONTRACT COST				-	49,307
SUPERVISION, INSPEC		5%)			49,307 2 ,21 9
TOTAL REQUEST	TTON MUL CIBRUDAL (4.	J*0 J			51,526
AREA COST FACTOR		1.24			51,520
EFFECTIVE STATUTORY	Т.Т МТ Т	0			
		-			
10. Description of 376 units. Includes kitchens , bathrooms, improves energy eff paint and other haz	Proposed Work: Provid utility upgrade and ad , stairwells and entryw Eiciency. Corrects fire d ard removal. Adds walkw	ditions ays, imp eficienc	to meet cur roves floor ies. Include	rent standar plans and b es asbestos,	ds. Upgrades alconies, and lead based
LO. Description of 376 units. Includes kitchens, bathrooms, improves energy eff paint and other haz	Proposed Work: Provid utility upgrade and ac stairwells and entryw ficiency. Corrects fire d	es genera dditions ays, imp eficienc	to meet cur roves floor ies. Include	rent standar plans and b es asbestos,	ds. Upgrades alconies, and lead based
LO. Description of 376 units. Includes kitchens, bathrooms, improves energy eff paint and other haz	Proposed Work: Provid utility upgrade and ad , stairwells and entryw Ficiency. Corrects fire d ard removal. Adds walkw	es genera dditions ays, imp eficienc ays and	to meet cur roves floor ies. Include	rent standar plans and b es asbestos, ide Mix: 344	ds. Upgrades alconies, and lead based
<pre>L0. Description of 376 units. Includes kitchens, bathrooms, improves energy eff paint and other haz. E9 11. REQUIREMENT:</pre>	Proposed Work: Provid utility upgrade and ad , stairwells and entryw Ficiency. Corrects fire d ard removal. Adds walkw	es genera dditions ays, imp eficienc ays and	to meet cur roves floor ies. Include parking. Gra	rent standar plans and b es asbestos, ide Mix: 344	ds. Upgrades palconies, and lead based El-E4, 32 E5 -
 L0. Description of 376 units. Includes kitchens, bathrooms, improves energy eff paint and other haz E9 11. REQUIREMENT: PROJECT: Improve M REQUIREMENT: This 	Proposed Work: Provid utility upgrade and ac , stairwells and entryw Ficiency. Corrects fire d ard removal. Adds walkw 9,947UN ADEQ Military Family Housing project is required to	es genera dditions ays, imp eficienc ays and UATE : 6, provide	to meet cur roves floor ies. Include parking. Gra ,128UN modern and e	rent standar plans and b es asbestos, ide Mix: 344 SWSTANDAR	ds. Upgrades balconies, and lead based El-E4, 32 E5- ED: 3,369 UN
376 units. Includes kitchens, bathrooms, improves energy eff paint and other haz B9 11. REQUIREMENT: PROJECT: Improve M REQUIREMENT: This military members ar	Proposed Work: Provid utility upgrade and ac , stairwells and entryw Eiciency. Corrects fire d ard removal. Adds walkw 9,947UN ADEQ Military Family Housing project is required to ad their dependents stat	es genera dditions ays, imp eficienc ays and UATE : 6, provide tioned at	to meet curr roves floor ies. Include parking. Gra ,128UN modern and et Ramstein A	rent standar plans and b es asbestos, de Mix: 344 SWSTANDAR efficient how S, Germany.	ds. Upgrades balconies, and lead based El-E4, 32 E5- D: 3,369 UN using for The housing
<pre>L0. Description of 376 units. Includes kitchens, bathrooms, improves energy eff paint and other haz 89 11. REQUIREMENT: PROJECT: Improve M REQUIREMENT: This military members ar must be upgraded to</pre>	Proposed Work: Provid utility upgrade and ac , stairwells and entryw Eiciency. Corrects fire d ard removal. Adds walkw 9,947UN ADEQ Military Family Housing project is required to ad their dependents stat meet current life safe	es genera dditions ays, imp eficienc ays and UATE : 6, provide tioned at ty codes	to meet curr roves floor ies. Include parking. Gra ,128UN modern and e t Ramstein A and to prov	rent standar plans and b es asbestos, ide Mix: 344 SWSTANDAR efficient hou S, Germany. ride a comfor	ds. Upgrades balconies, and lead based El-E4, 32 E5- D: 3,369 UN using for The housing rtable and
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1. COMPONENT	FY 2003 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AIR FORCE	(computer generated)	
3. INSTALLATION	AND LOCATION 4. PROJECT TITLE	
VOGELWEH FAMILY	HOUSING ANNEX, GERMANY FED REP 0 IMPROVE FAMILY HOUSING	
5. PROGRAM ELEM	ENT 6. CATEGORY CODE 7. PROJECT NUMBER 8. PROJECT C	יספיד (כמממ)
		(0000)
88742	711-161 YANB034546 51	,526
expected if such	n conditions continue to exist.	
-	ED IN PREVIOUS THREE YEARS: None	
	FOR NEXT THREE YEARS: None	
	s project is not eligible for NATO funding. An economic an	alvsis has
	omparing the alternatives of new construction, revitalizatio	-
nuo operation.	Based on the net present values and benefits of the respect	ive
-	evitalization was found to be the most cost efficient over t	
	ost to improve units is 55% of the replacement cost. SIOH is tween US Air Force and German execution agent (Staatsbaumt)	
-	ffrey Leptrone, DSN 314-480-6228.	Base Civil
-	: FCF Budget Rate Used: EURO 1.1386	
DD FORM 1391, DEC	76 Previous editions are obsolete. P	age No.

AIR FORCE		FY			CONSTRU er gen		on projected)	T DATA	2. DATE
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AIR FORCE		FY 2003 MILI				CT DATA	2. DATE
-			(comput	er gener	rated)		
3. INSTALLATION	I AND LO	OCATION			4. PROJEC	T TITLE	
ANDERSEN AIR FO	RCE BAS	SE, GUAM			IMPROVE F	AMILY HOUSING	5, PH 11
5. PROGRAM ELEM	IENT	5. CATEGORY COI	DE	7. PROJ	ECT NUMBER	8. PROJEC	CT COST (\$000)
00742		711-111		AJJY	034401R2		16,479
		<u>9. c</u>	OST E	STIMATES	1		
	I	TEM		U/M	OUANTITY	UNIT	COST
CAPEHART FAMILY	HOUSIN	G		LS			14,314
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SUPPORTING FACI	LITIES				т		924
UTLITIES				LS	ĺĺĪ		(300:
PAVEMENTS				LS			(50
SITE IMPROVEME	NTS			LS			(65
LANDSCAPING				LS			(100
ASBESTOS/LEAD	PAINT A	BATEMENT		LS			(409
SUBTOTAL							15,237
CONTINGENCY	(5%)						762
TOTAL CONTRACT C	,						15,999
SUPERVISION, INS	SPECTIO	N AND OVERHEAD	(3%)				480
FOTAL REQUEST			(00)			Ì	16,479
AREA COST FACTOR	ε		2	2.03			,
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		oposed Work: : vation of 112 h	ousing		Includes	utility upg	rade and
additions to mee				ades kit		_	
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nodernization an additions to mee plans, and incre and utilities re 11. REQUIREMENT	ases e placeme	nergy efficienc ent. Includes	y. Pr asbest	ades kit covides	patios, pla based pain	aygrounds, r	ecreation areas
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additions to mee plans, and incre- and utilities re- 11. REQUIREMENT PROJECT: Improv REQUIREMENT: Th military members upgraded to meet living environme whole house stan family room, bed	eases exercises exercises exercises exercises exercises exercises and the current c-addards.	nergy efficience ent. Includes 90 Ly Housing (Pha ject is require heir dependents nt life safety krable to the o Renovated hou nd bath configu	ADEQU ADEQU asbest ADEQU d to p s stat: codes off-bas using v	Ades kit covides cos/lead- UATE: 94 . (Curre provide : ioned at and to p se civil vill pro	patios, pla based pain 8 ent Mission modern and Andersen provide a o ian commun vide modem	aygrounds, ro sUBSTANDA efficient ho MB. Housing comfortable a ity. All un kitchen, li	ARD: 442 ARD: 442 ousing for must be and appealing mits will meet ving room,
additions to mee plans, and incre- and utilities re- and utilities re- and utilities re- and utilities re- and utilities re- project: Improv REQUIREMENT: The military members upgraded to meet living environme- shole house stan family room, bed Units will be ai CURRENT SITUATION in 1960. These co correct deter	ases explacement placement T: 1,39 T: 1,39 Te Famil is proj and the current c-a dards. Troom and r condi- nr condi- N: Thi 40 year ioratic	hergy efficience ent. Includes 20 by Housing (Pha- ject is require heir dependents at life safety trable to the of Renovated hou d bath configu- tioned. s project upgr c old Capehart on resulting fr	ADEQU ADEQU se 11) d to p s stat: codes off-bas sing v ration rades a housin com age	ades kit covides cos/lead- UATE: 94 . (Curre provide : ioned at and to p se civil vill pro with an and mode ag units and heat	patios, pla based pain 8 ent Mission modern and Andersen provide a of ian commun vide modem mple interi rnizes hous require ma avy use. Th	aygrounds, ro sUBSTANDA efficient ho MB. Housing comfortable a dity. All un kitchen, li or and exter sing which we ajor renovationey have had	ARD: 442 ARD: 442 and appealing hits will meet ving room, tior storage. as constructed ion and repair no major
additions to mee plans, and incre- and utilities re- 11. REQUIREMENT PROJECT: Improv REQUIREMENT: Th military members upgraded to meet living environme- whole house stan family room, bed Jnits will be ai CURRENT SITUATION	e Famil is proj and the current cand the current cand the current and current and current	hergy efficience ent. Includes ant. Includes by Housing (Pha ject is require heir dependents at life safety trable to the of Renovated hou ad bath configu- tioned. Is project upgr c old Capehart on resulting fr tion, and do r nvironment. K a, and are not ed. The elect	y. Pr asbest ADEQU se 11) d to p s stat: codes off-bas sing v uration rades a housin om age of meet itchen f funct	Addes kit covides cos/lead- UATE: 94 . (Curre provide : ioned at and to p se civil vill pro with an and mode: and mode: and head at the ne s do not cionally systems	patios, pla based pain 8 ent Mission modern and Andersen provide a of ian commun vide modem mple interi rnizes hous require ma avy use. Th eeds of too t provide a arranged. do not mee	aygrounds, ro substanda efficient ho MB. Housing comfortable a hity. All un kitchen, li or and exter sing which we ajor renovationey have had lay's families adequate stor Plumbing ar et modern cor	ARD: 442 ARD: 442 ARD

1. COMPONENT	FY 2003 MILITARY CONSTRUCTION PROJECT DATA				2. DATE
AIR FORCE	(computer generated)				
3. INSTALLATION AND LOCATION 4. PROJECT TITLE					
ANDERSXN AIR FORCE BASE, GUAM IMPROVE FAMILY HOUSING, F					PH 11
5. PROGRAM ELEMEN	T 6. CATEGORY CODE	7. PROJECT NUMBER 8. PROJECT COST (\$000			COST (\$000)
00742	711-111	AJJY034401R2		16,479	

The units have inadequate living space and storage. Playgrounds, parking areas, and landscaping are inadequate or nonexistent.

IMPACT IF NOT PROVIDED: Units will continue to deteriorate rapidly, resulting in increasing operations, maintenance and repair costs to the Government and inconvenience to residents. Without this project repair of these units will be accomplished in a costly and piecemeal fashion with little or no improvement in living quality. Low **norale** and retention problems can be expected if such conditions are permitted to continue.

NORK ACCOMPLISHED IN PREVIOUS THREE YEARS: None

NORK PROGRAMMED FOR NEXT THREE YEARS: None

ADDITIONAL: An economic analysis has been prepared comparing the alternatives of new construction, improvement, and status quo operation. Based on the net present values and senefits of the respective alternatives, improvement was found to be the most cost effective over the life of the project. The cost to improve this housing is 59% of the replacement cost. Base Civl Engineer: Lt Col Randy Eide, (671)366-7101

1 000000000						
1. COMPONENT	FY 2003 MILITARY C			CT DATA	2. DATE	
AIR FORCE	· -	er gener	-			
3. INSTALLATION AND LOCATION 4. PROJECT TITLE						
KADENA AIR BASE, JAPAN			IMPROVE FAMILY HOUSING, PH3			
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJ	ECT NUMBER	T NUMBER 8. PROJECT COST (\$000)		
00742	711-171	LXE	Z0341211		15,989	
	9. COST E	STIMATES			r	
	ITEM	U/M	OUANTITY	UNIT	COST	
IMPROVE FAMILY HOUSI	NG	UN	124	109,677	13,600	
SUPPORTING FACILITIE	S				1,185	
STORAGE		LS			(325)	
LANDSCAPE/SIGN/GARE	AGE	LS			(240)	
PARKING		SP	248	2,500	(620)	
			210	2,500	(020)	
SUBTOTAL					14,784	
CONTINGENCY (5%)					739	
TOTAL CONTRACT COST					15,524	
SUPERVISION, INSPECT	ION AND OVERHEAD (3%)				466	
TOTAL REQUEST					15,989	
AREA COST FACTOR		1.9				
EFFECTIVE STATUTORY	LIMIT	0				
MOST EXPENSIVE UNIT		.000				
Upgrades kitchens/bathrooms, improves HVAC, plumbing and electrical systems, provides signage, landscaping, additional outside storage and parking spaces. Includes asbestos/lead-based paint removal and radon mitigation.						
11. REQUIREMENT: 8	,705 UN ADEQ	UATE: 4	429 UN	SUBSTAND	ARD: 4,276 UN	
PROJECT: Improve Far	nily Housing Phase 3.	(Curren	t Mission)			
REQUIREMENT: This p	roject is required to p	rovide	modern and	efficient h	ousing for	
=	their dependents stati			_	l units will	
-	standards. The housing					
	ironment comparable to					
vill provide a modern kitchen, living room, family room, bedroom and bath configuration, vith ample interior and exterior storage. Units will be provided with adequate						
infrastructure and parking spaces.						
CURRENT SITUATION: These units were built in 1979 by the Government of Japan. They						
have had no major upgrades since constructed and do not meet the needs of today's						
Samilies nor do they provide a modern home environment. The HVAC , plumbing, electrical						
systems require major repairs/replacement due to age and deterioration. They do not						
neet current standards of efficiency and safety. Interiors are generally inadequate by						
nodern Criteria. Units lack exterior storage and adequate parking.						
IMPACT IF NOT PROVIDED: Unrenovated, these housing units will continue to deteriorate.						
Example 1 Example 1 Examp						
r esidents will increase. Repair of the units will continue in a costly, piecemeal fashion with little/no improvement in living quality. Quality of life, moral, and						
retention will be affected.						
WORK ACCOMPLISHED IN PREVIOUS THREE YEARS: Repair kitchens, FY99-01.						
DEFORM 1391, DEC 76 Previous editions are obsolete Page No						

Page No.

		(computer	STRUCI gener	ated)		2. DATE	
3. INSTALLATION A	ND LOCATION			4. PROJECT	T TITLE	1	
RAF LAKENHEATH, UNITED KINGDOM				IMPROVE FAMILY HOUSING			
5. PROGRAM ELEMEN	T 6. CATEGORY CO	DDE 7.	. PROJ	ECT NUMBER	8. PROJEC	I COST (\$000)	
88742	711-181		NSE	034024		20,532	
	9. (COST ESTI	IMATES	· · · · · ·			
	ITEM		U/M	OUANTITY	UNIT	COST	
IMPROVE FAMILY HOU			UN	96	131,000	12,57	
SUPPORTING FACILI						6,22	
PAVEMENTS			LS			(90	
LIGHTING			LS			(50	
LANDSCAPING			LS			(70	
RECREATION			LS			(51	
UTILITY UPGRADES			LS			(3,61	
SUBTOTAL						18,80	
CONTINGENCY (5%)					94	
FOTAL CONTRACT COS						19,74	
SUPERVISION, INSPE) (4%)				79	
FOTAL REQUEST		,				20,53	
AREA COST FACTOR		1.2	21			20,55	
SFFECTIVE STATUTOR	Y LIMIT		0				
MOST EXPENSIVE UNI		175,00					
and renovation of 9 fencing, patios, pi asbestos/lead-base wever, and electri	laygrounds, and re	creation a Replacemen	areas. nt of	Includes infrastruc	demolition ture to upgra	and ade water,	
5 50	1,100 UN	ADEOUA	TE: 60	7 UN	SUBSTANDART): 493 TIN	
5 SO 11. REQUIREMENT:	-	ADEQUAT	TE: 60	7 UN	SUBSTANDARD): 493 UN	
5 SO 11. REQUIREMENT:	Military Family Ho	ousing					
5 SO 11. REQUIREMENT: PROJECT: Improve REQUIREMENT: This members and their met current life environment compara nouse" standards and cenovated housing to path configuration, garages will be pro-	Military Family Ho project is requir dependents assigne safety codes and t able to off-base c nd are programmed will provide a mod , with ample inter povided where defic	ousing ed to pro d to RAF o provide ivilian co in accorda ern kitch ior and e ient. Ne	Lakenh a com ommuni ance w en, li exterio ighbor	modern eff: meath. The fortable a ty. All u with the Ho wing room, r storage. whood impro	icient housing housing must and appealing nits will mea busing Communi family room Off street p wements are a	g for military be upgraded to living et *whole ty Plan. , bedroom and parking or required and	
5 SO 11. REQUIREMENT: PROJECT: Improve REQUIREMENT: This members and their met current life a environment compara house standards and kenovated housing to path configuration,	Military Family Ho project is requir dependents assigne safety codes and t able to off-base c nd are programmed will provide a mod , with ample inter povided where defic g, lighting, playg nd electrical dist	ousing red to prod d to RAF o provide ivilian co in accorda ern kitch ior and en ient. Ne rounds, an ribution s	Lakenh a com ommuni ance w en, li exterio ighbor nd rec system	modern eff: leath. The infortable a ty. All u with the Ho wing room, r storage. 'hood impro reation ar s within to	icient housing housing must and appealing nits will mee using Communi family room Off street p vements are p eas. Common he housing ar	g for military be upgraded t living et *whole ity Plan. , bedroom and parking or required and utilities such rea must be	

1. COMPONENT	FY 2003 MILITARY C	DATA 2.	DATE		
AIR FORCE	(computer generated)				
3. INSTALLATION AND LOCATION 4. PROJECT TITLE					
RAF LAKENHEATH, UNITED KINGDOM IMPROVE FAMILY HOUSING					
5. PROGRAM ELEMEN	T 6. CATEGORY CODE	7. PROJECT NUMBER 8. PROJECT COST ((\$000)	
88742	711-181	MSET034024	20.532		
		•			

deteriorated, and are in need of repair. The electrical systems do not meet modern construction codes. Flooring is stained, loose and mismatched due to non-availability of original materials for replacement. The units have inadequate living space by Air Force standards, only one full-sized bathroom, minimal storage space, and small to no patios or backyard privacy. Landscaping, lighting, parking and recreation areas for housing residents are deficient.

IMPACT IF NOT PROVIDED: Units will continue to deteriorate, resulting in increasing **operations**, maintenance and repair costs to the Government and inconvenience to residents. Repair of these units will continue in a costly, piecemeal fashion with little or no improvement in living quality. Low morale and retention problems can be **expected** if such conditions continue to exist.

WORK ACCOMPLISHED IN PREVIOUS THREE YEARS: Bathroom repair CY01 to 72 units and roof replacement CY01 to 7 units.

WORK PROGRAMMED FOR NEXT THREE YEARS: None.

ADDITIONAL: 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, revitalization was found to be the most cost effective. SIOH is 4% to fund JK execution agent and Air *Force* execution oversight. The cost to improve these housing mite is 65% of the replacement cost. This project is not eligible for NATO funding. 3ase Civil Engineer: Lt Col Thomas D. Quasney 44 1638 522100.

?OREIGN CURRENCY: FCF Budget Rate Used: POUND .7091

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ADVANCE PLANNING AND DESIGN

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

FY 2003 ADVANCE PLANNING AND DESIGN

Program (In Thousands) FY 2003 Program \$34,188 FY 2002 Program \$24,281

Purpose and Scope

This program provides for preliminary studies to develop additional family housing facilities, one time multi-phase design, and housing community plan developments; studies for site adaptation and determination of type and design of units; and working drawings, specifications, estimates, project planning reports and final design drawings of family housing construction projects. This includes the use of architectural and engineering services in connection with any family housing new or post acquisition construction program.

Program Summary

Authorization is requested for:

(1) Advance planning and design for future year housing programs;

(2) FY 2003 Authorization and Appropriation of \$34,188,000 to fund this effort as outlined in the following exhibit:

1. COMPONENT AIR FORCE	2. DATE				
3. INSTALLATION AND LOC	CATION		4. PROJECT TITL	F	
	E PLANNING				
VARIOUS AIR FORCE 5. PROGRAM ELEMENT	BASES 6. CATEGORY CODE	7. PRO	AND DESIGN	8. PROJECT	COST (\$000)
88742	71 I-000			34,1	
		9. COST ESTIMATE			
	ITEM	U/M	QUANTITY	UNIT COST	COST (\$000)
with advance planning for the Air Force Famil 1 . <u>PROJECT</u> : This requ and design costs in con <u>REQUIREMENT</u> : The fu utility investigations; or for the preparation of d connection with any far <u>IMPACT IF NOT PRO</u>	VANCE PLANNING	dwelling int. appropr or post o procur d housin rance pla isition c re necess	units and proper iation of \$34.185 acquisition cons e architect-engin g community pr uns for future yea onstruction prog ary to support th	rties included in 8 million to pro- struction progra eer services to ofiles (HCP) d ar family housin rams. e development	(\$000) 34,188 34,188 34,188 34,188 34,188 in connection n or proposed ovide planning ms. make site and evelopments; ng programs in
DD FORM 1391, DEC 76	PREVIOUS EDITIONS M	AY BE US		PAGE	NO