Department of the Army

Fiscal Year (FY) 2001 Budget Estimates

Military Construction, Army, Family Housing & Homeowners Assistance

Justification Data Submitted to Congress
February 2000

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DEPARTMENT OF THE ARMY
FISCAL YEAR 2001
MILITARY CONSTRUCTION (PART I)
(DOLLARS ARE IN THOUSANDS)
INSIDE THE UNITED STATES

STATE	PROJECT NUMBER	INSTALLATION (COMMAND) / PROJECT TITLE	AUTHORIZATION REQUEST	APPROPRIATION REQUEST	NEW/ CURRENT MISSION	PAGE
Alabama		Redstone Arsenal (AMC)				3
	51696	Space and Missile Defense Command Building	23,400	23,400	C	5
		Subtotal Redstone Arsenal PART I	$ 23,400	23,400		
		* TOTAL MCA FOR Alabama	$ 23,400	23,400		
Alaska		Fort Richardson (USARPAC)				11
	10116	Central Vehicle Wash Facility	3,000	3,000	C	13
		Subtotal Fort Richardson PART I	$ 3,000	3,000		
		* TOTAL MCA FOR Alaska	$ 3,000	3,000		
Arizona		Fort Huachuca (TRADOC)				19
	10496	Field Operations Facility	1,250	1,250	C	21
		Subtotal Fort Huachuca PART I	$ 1,250	1,250		
		* TOTAL MCA FOR Arizona	$ 1,250	1,250		
Arkansas		Pine Bluff Arsenal (AMC)				27
	12917	Chemical Defense Qualification Facility	0	15,500	C	29
	50551	Ammunition Demilitarization Fac Ph-V	0	43,600	N	32
		Subtotal Pine Bluff Arsenal PART I	$ 0	59,100		
		* TOTAL MCA FOR Arkansas	$ 0	59,100		
California		Fort Irwin (FORSCOM)				39
	48527	Barracks Complex - North	31,000	31,000	C	41
		Subtotal Fort Irwin PART I	$ 31,000	31,000		
		* TOTAL MCA FOR California	$ 31,000	31,000		

DEPARTMENT OF THE ARMY
FISCAL YEAR 2001
MILITARY CONSTRUCTION (PART I)
(DOLLARS ARE IN THOUSANDS)
INSIDE THE UNITED STATES

STATE	PROJECT NUMBER	INSTALLATION (COMMAND) / PROJECT TITLE	AUTHORIZATION REQUEST	APPROPRIATION REQUEST	NEW/ CURRENT MISSION	PAGE
Colorado		Pueblo Depot Activity (AMC)				47
	40658	Ammunition Demilitarization Fac Ph II	0	10,700	N	49
		Subtotal Pueblo Depot Activity PART I	$ 0	10,700		
		* TOTAL MCA FOR Colorado	$ 0	10,700		
Georgia		Fort Benning (TRADOC)				55
	4311	Fixed Wing Aircraft Parking Apron	15,800	15,800	C	57
	52309	Barracks Complex - Kelley Hill Ph 3B	0	24,000	C	60
		Subtotal Fort Benning PART I	$ 15,800	39,800		
		Fort Stewart (FORSCOM)				63
	52459	Barracks Complex - Hunter AAF Ph1C	0	26,000	C	65
		Subtotal Fort Stewart PART I	$ 0	26,000		
		* TOTAL MCA FOR Georgia	$ 15,800	65,800		
Hawaii		Schofield Barracks (USARPAC)				71
	52214	Barracks Complex - Wilson Street Ph 1B	0	46,400	C	73
		Subtotal Schofield Barracks PART I	$ 0	46,400		
		Wheeler Army Air Field (USARPAC)				77
	50949	Barracks Complex	43,800	43,800	C	79
		Subtotal Wheeler Army Air Field PART I	$ 43,800	43,800		
		* TOTAL MCA FOR Hawaii	$ 43,800	90,200		
Indiana		Newport Army Ammunition Plant (AMC)				85
	50042	Ammunition Demilitarization Fac Ph III	0	54,400	N	87
		Subtotal Newport Army Ammunition Plant PART I	$ 0	54,400		
		* TOTAL MCA FOR Indiana	$ 0	54,400		

DEPARTMENT OF THE ARMY
FISCAL YEAR 2001
MILITARY CONSTRUCTION (PART I)
(DOLLARS ARE IN THOUSANDS)
INSIDE THE UNITED STATES

STATE	PROJECT NUMBER	INSTALLATION (COMMAND) / PROJECT TITLE	AUTHORIZATION REQUEST	APPROPRIATION REQUEST	NEW/ CURRENT MISSION	PAGE
Kansas		Fort Riley (FORSCOM)				93
	53374	Barracks Complex - Infantry Drive Ph 1C	0	15,000	C	95
		Subtotal Fort Riley PART I	$ 0	15,000		
		* TOTAL MCA FOR Kansas	$ 0	15,000		
Kentucky		Blue Grass Army Depot (AMC)				101
	53376	Ammunition Demilitarization Support Ph II	0	8,500	N	103
		Subtotal Blue Grass Army Depot PART I	$ 0	8,500		
		Fort Campbell (FORSCOM)				107
	52400	Barracks Complex - Market Garden Rd Ph 2C	0	9,400	C	109
		Subtotal Fort Campbell PART I	$ 0	9,400		
		Fort Knox (TRADOC)				113
	52460	Multipurpose Digital Training Range Ph III	0	8,450	C	115
		Subtotal Fort Knox PART I	$ 0	8,450		
		* TOTAL MCA FOR Kentucky	$ 0	26,350		
Maryland		Aberdeen Proving Ground (AMC)				121
	50053	Ammunition Demilitarization Fac Ph III	0	45,700	N	123
	52768	Munitions Assessment/Processing Sys Fac	3,100	3,100	C	127
		Subtotal Aberdeen Proving Ground PART I	$ 3,100	48,800		
		* TOTAL MCA FOR Maryland	$ 3,100	48,800		
Missouri		Fort Leonard Wood (TRADOC)				133
	47051	Basic Training Complex Ph1A	61,200	38,600	C	135
		Subtotal Fort Leonard Wood PART I	$ 61,200	38,600		
		* TOTAL MCA FOR Missouri	$ 61,200	38,600		

DEPARTMENT OF THE ARMY
FISCAL YEAR 2001
MILITARY CONSTRUCTION (PART I)
(DOLLARS ARE IN THOUSANDS)
INSIDE THE UNITED STATES

STATE	PROJECT NUMBER	INSTALLATION (COMMAND) / PROJECT TITLE	AUTHORIZATION REQUEST	APPROPRIATION REQUEST	NEW/ CURRENT MISSION	PAGE
New York		Fort Drum (FORSCOM)				141
	53379	Consolidated Soldier Support Center Ph II	0	10,300	C	143
		Subtotal Fort Drum PART I	$ 0	10,300		
		United States Military Academy (USMA)				147
	53378	Cadet Physical Development Center Ph IIA	0	13,600	C	149
		Subtotal United States Military Academy PART I	$ 0	13,600		
		* TOTAL MCA FOR New York	$ 0	23,900		
North Carolina		Fort Bragg (FORSCOM)				155
	35362	Barracks Complex - Butner Road Ph 1	130,000	26,000	C	157
	41878	Ammunition Holding Area	12,600	12,600	C	160
	45239	Barracks Complex - Longstreet Road Ph 1	79,600	45,600	C	164
	52316	Barracks Complex - Tagaytay Street Ph 2B	0	38,600	C	168
		Subtotal Fort Bragg PART I	$ 222,200	122,800		
		Sunny Point Military Ocean Terminal (MTMC)				173
	41410	Railroad Equipment Maintenance Facility	2,300	2,300	C	175
		Subtotal Sunny Point Military Ocean Terminal	P$ 2,300	2,300		
		* TOTAL MCA FOR North Carolina	$ 224,500	125,100		
Ohio		Defense Supply Center Columbus (TRADOC)				181
	52847	Military Entrance Processing Station	1,832	1,832	C	183
		Subtotal Defense Supply Center Columbus PART I	$ 1,832	1,832		
		* TOTAL MCA FOR Ohio	$ 1,832	1,832		

DEPARTMENT OF THE ARMY
FISCAL YEAR 2001
MILITARY CONSTRUCTION (PART I)
(DOLLARS ARE IN THOUSANDS)
INSIDE THE UNITED STATES

STATE	PROJECT NUMBER	INSTALLATION (COMMAND) / PROJECT TITLE	AUTHORIZATION REQUEST	APPROPRIATION REQUEST	NEW/ CURRENT MISSION	PAGE
Oregon		Umatilla Depot Activity (AMC)				189
	53377	Ammunition Demilitarization Fac Ph V1	0	9,400	N	191
		Subtotal Umatilla Depot Activity PART I	$ 0	9,400		
		* TOTAL MCA FOR Oregon	$ 0	9,400		
Pennsylvania		Carlisle Barracks (TRADOC)				197
	21431	Academic Research Facility	10,500	10,500	C	199
		Subtotal Carlisle Barracks PART I	$ 10,500	10,500		
		Defense Distribution Center (TRADOC)				203
	52677	Military Entrance Processing Station	3,700	3,700	C	205
		Subtotal Defense Distribution Center PART I	$ 3,700	3,700		
		* TOTAL MCA FOR Pennsylvania	$ 14,200	14,200		
Texas		Fort Bliss (TRADOC)				211
	41668	Railyard Infrastructure	26,000	26,000	C	213
		Subtotal Fort Bliss PART I	$ 26,000	26,000		
		Fort Hood (FORSCOM)				217
	20276	Railhead Facility - Phase III	9,800	9,800	C	219
	51915	Multi-purpose Digital Training Range Ph I	26,000	16,000	C	223
		Subtotal Fort Hood PART I	$ 35,800	25,800		
		Red River Army Depot (AMC)				229
	45210	Ammunition Container Complex	800	800	C	231
		Subtotal Red River Army Depot PART I	$ 800	800		
		* TOTAL MCA FOR Texas	$ 62,600	52,600		

DEPARTMENT OF THE ARMY
FISCAL YEAR 2001
MILITARY CONSTRUCTION (PART I)
(DOLLARS ARE IN THOUSANDS)
OUTSIDE THE UNITED STATES

STATE	PROJECT NUMBER	INSTALLATION (COMMAND) PROJECT TITLE	AUTHORIZATION REQUEST	APPROPRIATION REQUEST	NEW/ CURRENT MISSION	PAGE
** TOTAL INSIDE THE UNITED STATES FOR MCA			$ 485,682	694,632		

DEPARTMENT OF THE ARMY
FISCAL YEAR 2001
MILITARY CONSTRUCTION (PART I)
(DOLLARS ARE IN THOUSANDS)
OUTSIDE THE UNITED STATES

STATE	PROJECT NUMBER	INSTALLATION (COMMAND) / PROJECT TITLE	AUTHORIZATION REQUEST	APPROPRIATION REQUEST	NEW/ CURRENT MISSION	PAGE
Germany		Germany Various (USAREUR)				237
		Bamberg				
	49358	Barracks Complex - Warner 7005	7,800	7,800	C	239
	51008	Barracks Complex - Warner 7041	3,850	3,850	C	242
		Darmstadt				
	49284	Barracks Complex - Cambrai Fritsch 4002	5,700	5,700	C	245
	49285	Barracks Complex - Kelley 4164	5,600	5,600	C	248
		Kaiserslautern				
	32977	Child Development Center	3,400	3,400	C	251
		Mannheim				
	52313	Barracks Complex - Coleman 11	4,050	4,050	C	254
		Subtotal Germany Various PART I	$ 30,400	30,400		
		* TOTAL MCA FOR Germany	$ 30,400	30,400		
Korea		Korea Various (EUSA)				259
		Camp Humphreys				
	49291	Barracks Complex	14,200	14,200	C	261
		Camp Page				
	49343	Barracks Complex	19,500	19,500	C	265
		Subtotal Korea Various PART I	$ 33,700	33,700		
		* TOTAL MCA FOR Korea	$ 33,700	33,700		
Kwajalein		Kwajalein Atoll (USASMDC)				271
		Kwajalein Atoll				
	17575	Unaccompanied Personnel Housing Renovation	18,000	18,000	C	273
		Subtotal Kwajalein Atoll PART I	$ 18,000	18,000		
		* TOTAL MCA FOR Kwajalein	$ 18,000	18,000		
** TOTAL OUTSIDE THE UNITED STATES FOR MCA			$ 82,100	82,100		

DEPARTMENT OF THE ARMY
FISCAL YEAR 2001
MILITARY CONSTRUCTION (PART I)
(DOLLARS ARE IN THOUSANDS)
WORLDWIDE

STATE	PROJECT NUMBER	INSTALLATION (COMMAND) / PROJECT TITLE	AUTHORIZATION REQUEST	APPROPRIATION REQUEST	NEW/ CURRENT MISSION	PAGE
Worldwide Various		Worldwide Various Locations (WORLDWD)				
	53970	Classified Project	11,500	11,500		281
		Subtotal Worldwide Various Locations PART I	$ 11,500	11,500		
		Minor Construction (MINEXG)				
	44145	Unspecified Minor Construction	15,000	15,000		285
		Subtotal Minor Construction PART I	$ 15,000	15,000		
		Planning and Design (PLANDES)				
	44146	Host Nation Support	22,600	22,600		289
	44148	Planning and Design	72,106	72,106		291
		Subtotal Planning and Design PART I	$ 94,706	94,706		
		* TOTAL MCA FOR Worldwide Various	$ 121,206	121,206		
** TOTAL WORLDWIDE FOR MCA			$ 121,206	121,206		
MILITARY CONSTRUCTION (PART I) TOTAL			$ 688,988	897,938		

FY 2001 MCA Construction Projects

State	Location	Project	Cost (000)	New/ Current
Inside The United States				
Alabama	Redstone Arsenal	Space and Missile Defense Command Building	23,400	C
Alaska	Fort Richardson	Central Vehicle Wash Facility	3,000	C
Arizona	Fort Huachuca	Field Operations Facility	1,250	C
Arkansas	Pine Bluff Arsenal	Chemical Defense Qualification Facility	15,500	C
Arkansas	Pine Bluff Arsenal	Ammunition Demilitarization Fac Ph-V	43,600	N
California	Fort Irwin	Barracks Complex - North	31,000	C
Colorado	Pueblo Depot Activity	Ammunition Demilitarization Fac Ph II	10,700	N
Georgia	Fort Benning	Fixed Wing Aircraft Parking Apron	15,800	C
Georgia	Fort Benning	Barracks Complex - Kelley Hill Ph 3B	24,000	C
Georgia	Fort Stewart	Barracks Complex - Hunter AAF Ph1C	26,000	C
Hawaii	Schofield Barracks	Barracks Complex - Wilson Street Ph 1B	46,400	C
Hawaii	Wheeler Army Air Field	Barracks Complex	43,800	C
Indiana	Newport AAP	Ammunition Demilitarization Fac Ph III	54,400	N
Kansas	Fort Riley	Barracks Complex - Infantry Drive Ph 1C	15,000	C
Kentucky	Blue Grass Army Depot	Ammunition Demilitarization Support Ph II	8,500	N
Kentucky	Fort Campbell	Barracks Complex - Market Garden Rd Ph 2C	9,400	C
Kentucky	Fort Knox	Multipurpose Digital Training Range Ph III	8,450	C
Maryland	Aberdeen Proving Ground	Ammunition Demilitarization Fac Ph III	45,700	N
Maryland	Aberdeen Proving Ground	Munitions Assessment/Processing Sys Fac	3,100	N
Missouri	Fort Leonard Wood	Basic Training Complex Ph1A	38,600	C
New York	Fort Drum	Consolidated Soldier Support Center Ph II	10,300	C
New York	U S Military Academy	Cadet Physical Development Center Ph IIA	13,600	C
North Carolina	Fort Bragg	Barracks Complex - Butner Road Ph 1	26,000	C
North Carolina	Fort Bragg	Ammunition Holding Area	12,600	C
North Carolina	Fort Bragg	Barracks Complex - Longstreet Road Ph 1	45,600	C
North Carolina	Fort Bragg	Barracks Complex - Tagaytay Street Ph 2B	38,600	C
North Carolina	Sunny Point Mil Ocean	Railroad Equipment Maintenance Facility	2,300	C
Ohio	Defense Supply Ctr Columbus	Military Entrance Processing Station	1,832	C
Oregon	Umatilla Depot Activity	Ammunition Demilitarization Fac Ph V1	9,400	N
Pennsylvania	Carlisle Barracks	Academic Research Facility	10,500	C
Pennsylvania	Defense Distribution Center	Military Entrance Processing Station	3,700	C
Texas	Fort Bliss	Railyard Infrastructure	26,000	C
Texas	Fort Hood	Railhead Facility - Phase III	9,800	C
Texas	Fort Hood	Multi-purpose Digital Training Range Ph I	16,000	C
Texas	Red River Army Depot	Ammunition Container Complex	800	C
Outside The United States				
Germany	Bamberg	Barracks Complex - Warner 7005	7,800	C
Germany	Bamberg	Barracks Complex - Warner 7041	3,850	C
Germany	Darmstadt	Barracks Complex - Cambrai Fritsch 4002	5,700	C
Germany	Darmstadt	Barracks Complex - Kelley 4164	5,600	C
Germany	Kaiserslautern	Child Development Center	3,400	C
Germany	Mannheim	Barracks Complex - Coleman 11	4,050	C

FY 2001 MCA Construction Projects

State	Location	Project	Cost ($000)	New/ Current
Outside The United States				
Korea	Camp Page	Barracks Complex	19,500	C
Korea	Camp Humphreys	Barracks Complex	14,200	C
Kwajalein	Kwajalein Atoll	Unaccompanied Personnel Housing Renovation	18,000	C
Worldwide Various				
Worldwide Various	Minor Construction	Unspecified Minor Construction	15,000	
Worldwide Various	Planning and Design	Host Nation Support	22,600	
Worldwide Various	Planning and Design	Planning and Design	72,106	
Worldwide Various	Worldwide Various Locations	Classified Project	11,500	

Total Cost of New Mission projects	(7)	$	175,400
Total Cost of Current Mission projects	(37)	$	601,332
Total Cost of other line items	(4)	$	121,206
Total Cost of FY 2001 MCA Projects	(48)	$	897,938

DEPARTMENT OF THE ARMY
MILITARY CONSTRUCTION (PART I) FY 2001

INSTALLATION LIST

INSTALLATION	MACOM	1390 PAGE
A		
Aberdeen Proving Ground	AMC	121
B		
Fort Benning	TRADOC	55
Fort Bliss	TRADOC	211
Fort Bragg	FORSCOM	155
Blue Grass Army Depot	AMC	101
C		
Fort Campbell	FORSCOM	107
Carlisle Barracks	TRADOC	197
D		
Defense Supply Center Columbus	MEPCOM	181
Fort Drum	FORSCOM	141
Defense Distribution Center	MEPCOM	203
G		
Germany Various	USAREUR	237
H		
Fort Hood	FORSCOM	217
Fort Huachuca	TRADOC	19
I		
Fort Irwin	FORSCOM	39

DEPARTMENT OF THE ARMY
MILITARY CONSTRUCTION (PART I) FY 2001

INSTALLATION LIST

INSTALLATION	MACOM	1390 PAGE
K		
Fort Knox	TRADOC	113
Korea Various	EUSA	259
Kwajalein Atoll	USASMDC	271
M		
Minor Construction	MINEXG	
N		
Newport Army Ammunition Plant	AMC	85
P		
Pine Bluff Arsenal	AMC	27
Planning and Design	PLANDES	
Pueblo Depot Activity	AMC	47
R		
Red River Army Depot	AMC	229
Redstone Arsenal	AMC	3
Fort Richardson	USARPAC	11
Fort Riley	FORSCOM	93
S		
Schofield Barracks	USARPAC	71
Fort Stewart	FORSCOM	63
Sunny Point Military Ocean Terminal	MTMC	173
U		
Umatilla Depot Activity	AMC	189

DEPARTMENT OF THE ARMY
MILITARY CONSTRUCTION (PART I) FY 2001

INSTALLATION LIST

INSTALLATION	MACOM	1390 PAGE
United States Military Academy	USMA	147
W		
Wheeler Army Air Field	USARPAC	77
Fort Leonard Wood	TRADOC	133
Worldwide Various Locations	WORLDWD	

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DEPARTMENT OF THE ARMY
MILITARY CONSTRUCTION (PART I) FY 2001

COMMAND SUMMARY

MAJOR ARMY COMMAND NAME	AUTHORIZATION REQUEST	APPROPRIATION REQUEST
INSIDE THE UNITED STATES		
US Army Materiel Command	23,600	211,400
US Army Forces Command	330,800	282,100
Military Traffic Management Command	2,300	2,300
US Army Training and Doctrine Command	82,182	92,032
US Army Pacific	46,800	93,200
United States Military Academy	0	13,600
OUTSIDE THE UNITED STATES		
Eighth United States Army	33,700	33,700
US Army Europe and Seventh Army	30,400	30,400
US Army Space & Missile Defense Command	18,000	18,000
WORLDWIDE		
Military Construction, Army-Minor	15,000	15,000
Planning and Design	94,706	94,706
Various US Army Major Commands-Worldwide	11,500	11,500
TOTAL	688,988	897,938

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MILITARY CONSTRUCTION, ARMY

The military construction program for the active Army shown in the schedules of this title is summarized in the following tabulation:

FISCAL YEAR	MILITARY CONSTRUCTION, ARMY APPROPRIATION ($)
FY 1999	991,726,000
FY 2000	$1,036,645,000
FY 2001	***897,938,000***
FY2002 (Advance Appropriation)	***$297,250,000***
FY2003 (Advance Appropriation)	***$83,400,000***
FY20043 (Advance Appropriation)	***$10,890,000***

1. Major Construction. The MCA major construction program is one of the most visible means of improving the working and living conditions of the Army. This program provides for military construction projects in the United States and overseas as authorized in currently effective Military Construction Acts and in the new Authorization Request which will be presented to the Congress early in 2000.

This request funds the Army's most critical facilities needs within the context of changing force structure and fiscal constraints. In the current year, investment is primarily directed toward facilities to improve readiness, such as strategic mobility and troop housing, along with construction necessary for environmental, revitalization, and mission essential requirements. This year's request also includes the Chemical Demilitarization Facilities program, which was transferred from the Secretary of Defense to the Secretary of the Army.

2. Advance Appropriations. The Army continues to request full authorization on all new construction projects. This year, six ongoing projects, which have been fully authorized, and one new project will require advance appropriations for future phases beyond this year's Budget Request. Appropriations required for continuing construction are being requested in advance, since the first annual increments of each of these projects are not complete and usable facilities.

3. Minor Construction. Provision is made for construction of future unspecified projects that have not been individually authorized by law but are determined to be urgent requirements and do not cost more than the amounts specified in 10 USC 2805. Fiscal Year 1996 authorization language increased the amount specified for life, health, or safety threatening requirements to $3 million.

4. Planning. This provides for necessary planning of military construction projects including design, host nation support, standards, surveys, studies, and other related activities.

Department of Defense

MILITARY CONSTRUCTION, ARMY

Fiscal Year 2001

Military Construction, Army

For acquisition, construction, installation, and equipment of temporary or permanent public works, military installations, facilities, and real property for the Army as currently authorized by law, including personnel in the Army Corps of Engineers and other personal services necessary for the purposes of this appropriation, and for construction and operation of facilities in support of the functions of the Commander in Chief, $**897,938,000**, to remain available until September 30, 2005: Provided, That of this amount, not to exceed $**94,706,000**, shall be available for study, planning, design, architect and engineer services, and host nation support, as authorized by law, unless the Secretary of Defense determines that additional obligations are necessary for such purposes and notifies the Committees on Appropriations of both Houses of Congress of his determination and the reasons therefor:

In addition, for the foregoing purposes, $**297,250,000** to become available on October 1, 2001 and to remain available until September 30, 2006.

In addition, for the foregoing purposes, $**83,400,000** to become available on October 1, 2002 and to remain available until September 30, 2007.

In addition, for the foregoing purposes, $**10,890,000** to become available on October 1, 2003 and to remain available until September 30, 2008.

(10 U.S.C. 2675, 2802-05, 2807, 2851-54, 2857; Military Construction Appropriations Act, 1999.)

Special Program Considerations
Fiscal Year 2001

Contents

SECTION I – Advance Authorizations & Appropriations

SECTION II - Items of Special Interest

SECTION III - Construction in Other Than Military Construction

SECTION I

ADVANCE
AUTHORIZATIONS & APPROPRIATIONS
FOR
MILITARY CONSTRUCTION, ARMY (MCA)

The Army has included several large military construction projects in the budget for fiscal year 2001 which will be phased over several years. Some of these projects were authorized in prior year's budgets, but not fully funded. In those cases, this budget includes a request for the remainder of the funds required. Other projects appear in this budget for the first time.

Advance Appropriations. Seven projects require funding of increments of work in fiscal year 2001 and beyond. Six projects were authorized in a prior year. Since each increment does not build a complete and usable facility, the Army is requesting advance appropriations. The Fiscal Year 2001 President's Budget Request includes language to authorize and appropriate, in advance, funds to become available in fiscal years 2002, 2003, or 2004.

Multi-phased Project Authorization. In addition, there are three projects that the Army plans to construct in multiple, complete and usable phases. The Army is requesting authorization for the full scope of these multi-phased projects in fiscal year 2001, along with the appropriations required for the first phase of the project. Appropriations for the follow-on phases will be requested in future year budgets.

On the following page, *Table 1* summarizes the various phases and itemizes the requirements for advance appropriations and advance authorization of appropriations.

SECTION II

ITEMS OF SPECIAL INTEREST

Environmental Protection

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

Pollution Abatement

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

Floodplain Management and Wetlands Protection

Proposed land acquisitions, disposal, and installation construction projects have been planned to allow the proper management of floodplains and the protection of wetlands by avoiding long and short-term adverse impacts, reducing the risk of flood losses and minimizing the loss or degradation of wetlands. Project planning is in accordance with the requirements of Executive Order Nos. 11988 and 11990.

Design for Accessibility of Physically Handicapped Personnel

In accordance with Public Law 90-480, provisions for physically handicapped persons are provided for, where appropriate, in the design of facilities included in this budget.

Preservation of Historical Sites and Structures

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

Economic Analysis

Economics are an inherent aspect of project development and design of military construction projects. Therefore, all projects included in this program represent the most economical use of resources. Where alternatives can be evaluated, a life cycle cost economic analysis was prepared and the results indicated on the DD Form 1391. If there were no viable alternatives for analysis, then that is indicated on the DD Form 1391.

Table 1. Summary of Multi-phased Projects
Authorizations and Advance Appropriations ($ thousands)

State **Installation**	**Project**	Prior Year **Authorization**	Authorization Requested **in FY01**	Authorization of Appropriations & Appropriations Requested **FY01**	**FY02**	**FY03**	**FY04**
Colorado							
Pueblo Depot Activity	Chemical Demilitarization Facility Ph II	203,500	**--**	**10,700**	80,500	83,400	10,890
Hawaii							
Schofield Barracks	Barracks Complex – Wilson Street Ph III	95,000	**--**	**46,400**	20,000	--	--
Indiana							
Newport Army Ammunition Plant	Chemical Demilitarization Facility Ph III	189,550	**--**	**54,400**	78,000	--	--
Maryland							
Aberdeen Proving Ground	Chemical Demilitarization Facility	184,500	**--**	**45,700**	51,750	--	--
Missouri							
Fort Leonard Wood	Basic Training Complex Ph 1A	-	**61,200**	**38,600**	*	--	--
New York							
West Point Military Academy	Cadet Physical Development Ctr	**85,000**	**--**	**12,000**	41,400	--	--
North Carolina							
Fort Bragg	Barracks Complex – Butner Road Ph I	-	**130,000**	**26,000**	*	*	*
	Barracks Complex – Longstreet Road Ph I	-	**79,600**	**45,600**	*	--	--
	Barracks Complex – Tagaytay Street Ph 2B	74,000	**--**	**38,600**	15,600	--	--
Texas							
Fort Hood	Multipurpose Digital Training Range Ph I	-	**26,00**	**16,000**	10,000	--	--
Advance Appropriations Requested *($ thousands)*					**297,250**	**83,400**	**10, 890**
Authorization of Appropriations Requested *($ thousands)*					**297,250**	**83,400**	**10, 890**

(* Future complete and usable phases will be built under the authorization requested in FY01)

Troop Housing

For all projects requesting new construction, in accordance with the Military Construction Appropriations Conference Report (#104-247, page 7), the Army certifies that new construction is warranted over renovation for each individual barracks complex project. As a part of the Army's economic analysis of each project in the budget, the Army only requests appropriations for those projects which are more economical to build new rather than to renovate.

Alternative Funding Sources for Overseas Projects

Conference Report No. 100-498 (Making Further Continuing Appropriations for the Fiscal Year Ending September 30, 1988), page 1003 directs that future budgets request an eligibility certificate for each project requested in Europe, Japan, and Korea. All overseas projects are considered for funding in Europe by NATO Security Investment Program, in Japan by the Facilities Improvement Program, and in Korea by either the Combined Defense Improvement Projects or the Republic of Korea Funded Construction programs.

Construction and Basing Plans for New Major Army Weapon Systems

Section 2828 of Public Law 102-190, the fiscal year 1992 Authorization Act, directs the Department of Defense to provide a full siting plan for each new major weapon system when the first increment of military construction is requested and that full siting plans for the systems be provided with the annual budget request. For the Army, there are no new major weapon systems being introduced in the fiscal year 2001 Budget. Therefore, no siting plans are required.

Items of Interest - Authorizations Committees

Senate Armed Services Committee - Report #106-50

SOUTHCOM Family Housing

On page 427, the Committee directed the Army to submit a comprehensive and fully justified housing improvement program for all personnel at SOUTHCOM with the FY2001 Budget request. The Army will submit a report to the committees concurrently with the FY01 Budget request.

Unexploded Ordnance

On page 292, the Committee directed the Army to submit a report on the estimate of the current and projected costs for UXO remediation at active facilities, installations subject to BRAC and formerly used defense sites by March 1, 2001. The Army is in the process of creating a full inventory of ranges to fulfill this requirement.

House Armed Services Committee – Report #106-162

Volunteer AAP Environmental Remediation

On page 444, the Committee asked for a report on the land transfer and the schedule for completion of remediation activities at the Volunteer Army Ammunition Plant concurrent with the submission of the budget request for FY2001. This report will be submitted as requested.

Commercial Activities (A-76)

On page 314, the Committee directed the Secretary of Defense to report on the current and proposed commercial activity studies including additional information, to be provided by February 1, 2000. The Army has provided the necessary support to the Secretary of Defense in response to this requirement.

Items of Interest - MILCON Appropriations Committees

House Appropriations Committee - Report #106-221

Kentucky – Fort Knox Basic Training Facilities

On page 13, the Committee directed the Army to report, by January 15, 2000, on future plans for basic training at Fort Knox and the status and plans for implementation of any basic training complex proposals at Fort Knox. This report was provided to the Committees on January 7, 2000.

New York – U.S. Military Academy Cadet Physical Development Center

On page 13, the Committee directed the Army to explore the possibility of funding at least 50% of the phases II and III of the Cadet Physical Development Center using a non-appropriated fund account and / or alumni contributions. Almumni contributions are not available for use on mission requirements at the Academy. A report dated January 13, 2000, was provided to the Committees**.**

Germany-Landstuhl Hospital – Child Development Center

On page 14, the Committee directed the Army to program this facility in the fiscal year 2001 budget request. The Army has included a $3,400,000 Child Development Center in the budget as requested.

Senate Appropriations Committee - Report #106-74

Minor Construction

On page 15, the Committee directed the Army to make FY00 funds available out of the minor construction account for the following projects:

State	*Location*	*Project*	*Not less than: ($ thousands)*	*Status*
KY	Fort Knox	Range Improvements	1,200	Added by Congress to Army's FY00 Major Construction Program
AK	Fort Richardson	Ready Building	1,500	Scheduled for award in August 2000
AL	Fort Rucker	Fire-rescue station	1,000	Scheduled for award in April 2000

Planning and Design

On page 15, the Committee directed the Army to make FY00 funds available for the design of the following projects:

State	*Location*	*Project*	*Not less than: ($ thousands)*	*Status*
NJ	Picatinny Arsenal	Armament Software Engineer Center	1,900	Added by Congress to Army's FY00 program. Phase II is in FY02
AK	Fort Wainwright	Joint mobility complex	2,000	Project is in the U.S. Air Force FYDP for FY03
PA	Carlisle Barracks	Military History Institute & Heritage Museum	1,000	Academic Research Facility is in FY01 to house the Military History Institute at the Army Heritage Center.

Information Assurance

On page 16, the Committee directed the Army to conduct a feasibility study for a facility to house the combined activities of biometrics sensor, security, and other development and test activities. The report is due not later than February 15, 2000. The Army is preparing the report for submission to the committees as requested.

Appropriations Conference - Report #106-266

Section 128 – General and Flag Officers quarters (GFOQ) Expenditures

In Section 128 of the law, the Under Secretary of Defense (Comptroller) is required to report annually the operation and maintenance expenses for each GFOQ for the prior year, by January 15, 2000, and annually thereafter. The Army provided the required information to the Under Secretary of Defense (Comptroller) for this report.

California – Presidio of Monterey: Video Teletraining Facility

The conferees directed that this project be accomplished with funds provided for unspecified military construction. Project is scheduled for award in April, 2000.

Service Academy Military Construction Master Plan

On page 12, the Committee directed the Under Secretary of Defense (Comptroller) and the Under Secretary of Defense (Acquisition and Technology) to conduct a joint review of the Service Academies military construction, family housing, and operation and maintenance requirements and submit master plans for each by March 1, 2000. The

Army will provide the information to the Under Secretaries of Defense (Comptroller, and Acquisition and Technology) as required.

New York – U.S. Military Academy Cadet Physical Development Center

On page 13, the Committee placed a $63 million cap on the cost of this facility and directed the Secretary of Defense (Comptroller) to submit a report, no later than January 15, 2000, on the revised cost estimate for this facility. The Army provided the report to the Secretary of Defense (Comptroller) on January 12, 2000.

SECTION III

CONSTRUCTION FUNDED IN OTHER THAN MILITARY CONSTRUCTION

Appropriated Funds

Conference Report No. 100-498, Making Further Continuing Appropriations for the Fiscal Year Ending September 30, 1988 directed that an information exhibit be included with each year's budget request identifying construction accomplished with appropriations other than MILCON. The information is provided in this section:

A. Procurement

Procurement of Ammunition, Army

B. Other Appropriations (Minor Construction)

Research, Development, Testing and Evaluation (RDTE)
Operation and Maintenance, Army (OMA)
Operation and Maintenance, Army Reserve (OMAR)
Operation and Maintenance, Army National Guard (OMNG)

CONSTRUCTION FUNDED IN OTHER THAN MILCON – FY01
($000)

A. Procurement

Location	Project Title	Budget Estimate
Iowa AAP, IA	Expand Melt Capacity, Line 3A	582
	Install Steam Line to Line 3A FM MHP	3,881
	Replace Air Conditioning in Chemical Lab	280
	Replace Asbestos Roofing, Bldg 1-01	375
Radford AAP, VA	Replace Acid Tank AL-1, ACID Area	1,139
	Environmental – Dike Replacement, Phase I	2,438
	Environmental – Acid Sewer System Upgrade	3,358
	Underground Piping Building 700 to 1019	729
	Total PAA	$12,782

B. Other Appropriations (Minor Construction)

Operation & Maintenance, Army (OMA)	50,000
Operation & Maintenance, Army Reserve (OMAR)	8,415
Operation & Maintenance, Army National Guard (OMNG)	5,910
Total Other Appropriations	$77,107

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DEPARTMENT OF THE ARMY
FISCAL YEAR 2001
MILITARY CONSTRUCTION (PART I)
(DOLLARS ARE IN THOUSANDS)

STATE	PROJECT NUMBER	INSTALLATION (COMMAND) / PROJECT TITLE	AUTHORIZATION REQUEST	APPROPRIATION REQUEST	NEW/ CURRENT MISSION	PAGE
Alabama		Redstone Arsenal (AMC)				3
	51696	Space and Missile Defense Command Building	23,400	23,400	C	5
		Subtotal Redstone Arsenal PART I	$ 23,400	23,400		
		* TOTAL MCA FOR Alabama	$ 23,400	23,400		

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1. COMPONENT	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. DATE
ARMY		08 FEB 2000

3. INSTALLATION AND LOCATION	4. COMMAND	5. AREA CONSTRUCTION COST INDEX
Redstone Arsenal Alabama	US Army Materiel Command	0.86

6. PERSONNEL STRENGTH:

	PERMANENT			STUDENTS			SUPPORTED			
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF 30 SEP 1999	273	512	8184	52	712	17	118	184	11960	22,012
B. END FY 2005	270	555	6248	37	873	21	119	180	11793	20,096

7. INVENTORY DATA ($000)

A. TOTAL AREA..... 15,342 ha (37,910 AC)

B. INVENTORY TOTAL AS OF 30 SEP 1999.....	2,328,581
C. AUTHORIZATION NOT YET IN INVENTORY.....	81,850
D. AUTHORIZATION REQUESTED IN THE FY 2001 PROGRAM.....	23,400
E. AUTHORIZATION INCLUDED IN THE FY 2002 PROGRAM.....	0
F. PLANNED IN NEXT THREE YEARS (NEW MISSION ONLY).....	0
G. REMAINING DEFICIENCY.....	84,040
H. GRAND TOTAL.....	2,517,871

8. PROJECTS REQUESTED IN THE FY 2001 PROGRAM:

CATEGORY CODE	PROJECT NUMBER	PROJECT TITLE	COST ($000)	DESIGN STATUS START	DESIGN STATUS COMPLETE
610	51696	Space and Missile Defense Command Building	23,400	09/1999	09/2000
		TOTAL	23,400		

9. FUTURE PROJECTS:

CATEGORY CODE	PROJECT TITLE	COST ($000)

A. INCLUDED IN THE FY 2002 PROGRAM: NONE

B. PLANNED NEXT THREE PROGRAM YEARS (NEW MISSION ONLY): NONE

10. MISSION OR MAJOR FUNCTIONS:

Headquarters of US Army Missile Command, the principle commodity center for the research, development, and acquisition effort on rockets, guided missiles and related systems and equipment. Home of the Army Missile and Munitions Training Center and School which conducts missile and munitions (Ordnance) training. Home of the U.S Army Test, Measurement and Diagnostic Equipment (TMDE) Support Group. Also home of the Redstone Arsenal Rocket Engine Facility which produces solid propellant rocket engines.

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:

	($000)
A. AIR POLLUTION	0
B. WATER POLLUTION	0
C. OCCUPATIONAL SAFETY AND HEALTH	0

1. COMPONENT ARMY	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. DATE 08 FEB 2000

INSTALLATION AND LOCATION: Redstone Arsenal Alabama

REMARKS :

The estimated cost to remedy the deficiencies in all existing permanent and semi-permanent facilities at this installation is $302,960,000 based on the Installation Status Report Information on conditions as of October 1999.

PREVIOUS EDITIONS MAY BE USED INTERNALLY
UNTIL EXHAUSTED

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1.COMPONENT	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		08 FEB 2000

3.INSTALLATION AND LOCATION	4.PROJECT TITLE
Redstone Arsenal Alabama	Space and Missile Defense Command Building

5.PROGRAM ELEMENT	6.CATEGORY CODE	7.PROJECT NUMBER	8.PROJECT COST ($000)
72896A	610	51696	Auth 23,400 Approp 23,400

9.COST ESTIMATES

ITEM	UM (M/E)	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITY				20,784
Building Renovation	m2 (SF)	18,993 (204,438)	904.40	(17,177)
Asbestos Abatement	LS	--	--	(650)
Building Support Areas(Addition	m2 (SF)	898.74 (9,674)	1,185	(1,065)
Relocation Costs	LS	--	--	(397)
Building Information Systems	LS	--	--	(1,495)
SUPPORTING FACILITIES				1,354
Electric Service	LS	--	--	(664)
Water, Sewer, Gas	LS	--	--	(160)
Paving, Walks, Curbs & Gutters	LS	--	--	(175)
Storm Drainage	LS	--	--	(10)
Site Imp(90) Demo( )	LS	--	--	(90)
Information Systems	LS	--	--	(4)
Antiterrorism/Force Protection	LS	--	--	(251)
ESTIMATED CONTRACT COST				22,138
CONTINGENCY PERCENT (.00 %)				
SUBTOTAL				22,138
SUPV, INSP & OVERHEAD (5.70%)				1,262
TOTAL REQUEST				23,400
TOTAL REQUEST (ROUNDED)				23,400
INSTALLED EQT-OTHER APPROP				()

10.Description of Proposed Construction

Renovate an existing building and construct an addition. Renovation includes removal and replacement of all interior floor, wall, and ceiling finishes; asbestos abatement; installation of raised computer flooring; removal and replacement of interior walls; replace windows; replace roof; replace mechanical, electrical, and fire alarm and protection systems; replace plumbing fixtures; replace exterior wall finish; repair or replace elevators; bring all components to current code requirements. Provide space for administrative offices; reception and security processing areas; sensitive compartmented information facility (SCIF); special access program areas (SAP); legal, technical, and administrative support areas; files, historical and video archives, maps, and plans storage; office equipment; telecommunications center; simulation center; computer-aided design space; classified automated data processing (ADP) area; vaults; loading dock area; snack bar with kitchen equipment; exhibit area; conference and training facilities; fitness center; and mechanical, electrical, and telecommunications support space. Demolition and asbestos removal is required. Supporting facilities include utilities; electric service; exterior lighting; fire protection and alarms systems; paving, walks, curbs and gutters; access roads and parking; resurface existing parking; sanitary, and storm sewer lines; information systems; and site improvements. Access for the handicapped will be

1.COMPONENT	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		08 FEB 2000

3.INSTALLATION AND LOCATION

Redstone Arsenal, Alabama

4.PROJECT TITLE	5.PROJECT NUMBER
Space and Missile Defense Command Building	51696

DESCRIPTION OF PROPOSED CONSTRUCTION: (CONTINUED)
provided. Force protection measures include berms, bollards, anchored window frames, and tempered glass in exterior windows. Heating will be provided by gas-fired, self-contained unit. Air conditioning: 720 tons. The facility will include a 75KW uninterruptable power supply (UPS) funded with MCA for emergency and life safety and a standby generator. Comprehensive interior design is requested.

---

11. REQ: 19,892 m2 ADQT: NONE SUBSTD: 18,993 m2
PROJECT: Renovate an existing building and construct an addition to provide an operations center (806 personnel) supporting the US Army Space and Missile Command (USASMDC). (Current Mission)
REQUIREMENT: This project is required to replace high-cost leased space for USASMDC with more cost effective accommodations on an Army installation in accordance with Army guidance. Additionally, as the Army proponent for space and national missile defense and the Army-level integrator for theater missile defense, the USASMDC has many technologies inherent to its mission, to include development, fielding, research, test, evaluation, guidance, management, target support, training, and operation of weapon systems. Relocating to a military installation will also provide greater protection from risks of espionage and terrorism.
CURRENT SITUATION: The USASMDC personnel are involved in space and missile defense research, development, testing, fielding, and training. These activities currently occupy 238,000 square feet of leased space in Huntsville, Alabama. The lease has an annual cost of $6,736,000. Despite the high cost of the lease, the current facilities are functionally inadequate. Deficiencies include lack of natural light and ventilation, violations of fire and safety standards, and inadequate security. The potential for espionage or terrorist acts directed against these activities is increased by their location off an Army installation. The building has not had a major renovation since the original construction in 1956. Wide hallways result in wasted, unusable space; handicap accessibility and fire code requirements have changed and need to be addressed; the roof is leaking and requires replacement; windows are not energy efficient; lighting levels are inadequate; plumbing fixtures are antiquated; water and sewer lines are deteriorated from age.
IMPACT IF NOT PROVIDED: If this project is not provided, the expenditure of limited resources for costly leases will continue, contrary to Army guidance. The ongoing lease of facilities will result in continued espionage risk to technologies vital to the national interest. The poor condition of the existing facilities will continue to have a negative impact on employee morale and productivity.
ADDITIONAL: This project has been coordinated with the installation physical security plan and all required security are included. Also, all required anti-terrorism/force protection measures are included. An economic analysis has been prepared and was utilized in evaluating this project.

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED
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1.COMPONENT	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		08 FEB 2000

3.INSTALLATION AND LOCATION

Redstone Arsenal, Alabama

4.PROJECT TITLE	5.PROJECT NUMBER
Space and Missile Defense Command Building	51696

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

(a) Date Design Started..... SEP 1999
(b) Percent Complete As Of January 2000..... 35.00
(c) Date 35% Designed..... DEC 1999
(d) Date Design Complete..... SEP 2000
(e) Parametric Cost Estimating Used to Develop Costs YES
(f) Type of Design Contract: design-bid-build
(g) An energy study and life cycle cost analysis will be documented during the final design.

(2) Basis:

(a) Standard or Definitive Design: NO

(3) Total Design Cost (c) = (a)+(b) OR (d)+(e): ($000)

(a) Production of Plans and Specifications..... 1,250
(b) All Other Design Costs..... 750
(c) Total Design Cost..... 2,000
(d) Contract..... 1,500
(e) In-house..... 500

(4) Contruction Contract Award..... APR 2001

(5) Construction Start..... MAY 2001

(6) Construction Completion..... SEP 2003

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

Equipment Nomenclature	Procuring Appropriation	Fiscal Year Appropriated Or Requested	Cost ($000)
	NA		

Installation Engineer: Dr. David Braham
Phone Number: 256 876-3516

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DEPARTMENT OF THE ARMY
FISCAL YEAR 2001
MILITARY CONSTRUCTION (PART I)
(DOLLARS ARE IN THOUSANDS)

STATE	PROJECT NUMBER	INSTALLATION (COMMAND) / PROJECT TITLE	AUTHORIZATION REQUEST	APPROPRIATION REQUEST	NEW/ CURRENT MISSION	PAGE
Alaska		Fort Richardson (USARPAC)				11
	10116	Central Vehicle Wash Facility	3,000	3,000	C	13
		Subtotal Fort Richardson PART I	$ 3,000	3,000		
		* TOTAL MCA FOR Alaska	$ 3,000	3,000		

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1. COMPONENT	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. DATE
ARMY		08 FEB 2000

3. INSTALLATION AND LOCATION	4. COMMAND	5. AREA CONSTRUCTION COST INDEX
Fort Richardson Alaska	US Army Pacific	1.50

6. PERSONNEL STRENGTH:

	PERMANENT			STUDENTS			SUPPORTED			
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF 30 SEP 1999	521	2909	927	0	38	0	6	7	638	5,046
B. END FY 2005	555	2960	1096	0	48	0	6	14	639	5,318

7. INVENTORY DATA ($000)

A. TOTAL AREA.....	29,572 ha (73,074 AC)	
B. INVENTORY TOTAL AS OF 30 SEP 1999.....		2,442,791
C. AUTHORIZATION NOT YET IN INVENTORY.....		15,850
D. AUTHORIZATION REQUESTED IN THE FY 2001 PROGRAM.....		3,000
E. AUTHORIZATION INCLUDED IN THE FY 2002 PROGRAM.....		42,000
F. PLANNED IN NEXT THREE YEARS (NEW MISSION ONLY).....		0
G. REMAINING DEFICIENCY.....		0
H. GRAND TOTAL.....		2,503,641

8. PROJECTS REQUESTED IN THE FY 2001 PROGRAM:

CATEGORY CODE	PROJECT NUMBER	PROJECT TITLE	COST ($000)	DESIGN STATUS START	DESIGN STATUS COMPLETE
214	10116	Central Vehicle Wash Facility	3,000	02/1999	09/2000
		TOTAL	3,000		

9. FUTURE PROJECTS:

CATEGORY CODE	PROJECT TITLE	COST ($000)
A. INCLUDED IN THE FY 2002 PROGRAM:		
721	Barracks Complex Ph I	42,000
	TOTAL	42,000

B. PLANNED NEXT THREE PROGRAM YEARS (NEW MISSION ONLY): NONE

10. MISSION OR MAJOR FUNCTIONS:

The mission is to deploy rapidly worldwide in defense of United States national interests and objectives, and to defend the state of Alaska, including the Aleutian Islands, from any adversary.

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:

	($000)
A. AIR POLLUTION	0
B. WATER POLLUTION	0
C. OCCUPATIONAL SAFETY AND HEALTH	0

1. COMPONENT ARMY	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. DATE 08 FEB 2000

INSTALLATION AND LOCATION: Fort Richardson Alaska

REMARKS :

The estimated cost to remedy the deficiencies in all existing permanent and semi-permanent facilities at this installation is $300,907,000 based on the Installation Status Report Information on conditions as of October 1999.

PREVIOUS EDITIONS MAY BE USED INTERNALLY
UNTIL EXHAUSTED

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1.COMPONENT	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		08 FEB 2000

3.INSTALLATION AND LOCATION	4.PROJECT TITLE
Fort Richardson Alaska	Central Vehicle Wash Facility

5.PROGRAM ELEMENT	6.CATEGORY CODE	7.PROJECT NUMBER	8.PROJECT COST ($000)
22696A	214	10116	Auth 3,000 Approp 3,000

9.COST ESTIMATES

ITEM	UM (M/E)	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITY				2,223
Wash & Prewash Facility	m2 (SF)	767 (8,256)	2,897	(2,222)
Building Information Systems	LS	--	--	(1)
SUPPORTING FACILITIES				613
Electric Service	LS	--	--	(84)
Water, Sewer, Gas	LS	--	--	(54)
Paving, Walks, Curbs & Gutters	LS	--	--	(303)
Storm Drainage	LS	--	--	(5)
Site Imp(148) Demo( )	LS	--	--	(148)
Information Systems	LS	--	--	(10)
Oil/Water/Solids Separator	LS	--	--	(9)
ESTIMATED CONTRACT COST				2,836
CONTINGENCY PERCENT (.00 %)				
SUBTOTAL				2,836
SUPV, INSP & OVERHEAD (6.50%)				184
TOTAL REQUEST				3,020
TOTAL REQUEST (ROUNDED)				3,000
INSTALLED EQT-OTHER APPROP				()

10.Description of Proposed Construction

Construct a central vehicle wash facility with three-double length, fully enclosed cleaning bays; one-oversized, fully enclosed cleaning bay, one outside oversized heavy tracked vehicle cleaning bay; a utility, equipment, and storage area. The double bays will be sized to support Family Medium Tactical Vehicles (FMTV). The oversized bay will be designed to accommodate construction equipment and tactical refueling vehicles. The proposed facility will feature a distribution system for the delivery of cleaning compounds and heated water under pressure; a recycling system for cleaning compounds and water; an access pit, lift, or rack for under chassis and engine cleaning operations for SUSVs, High Mobility Multipurpose Wheeled Vehicles (HMMWVs) and other air deployable vehicles; and a blower system for winter vehicle drying. The project will incorporate thermostatically controlled heating curtains to supplement a central heating system, and incorporate underslab heating within the wash bays and entry aprons to eliminate ice glacierization and the associated hazards. Supporting facilities include utilities; electric service; paving, walks, curbs and gutters; an oil, water, and solids separator system; storm drainage; information systems; and site improvements. External paving will require the non-frost susceptible design criteria. Drainage will flow through separators and a recycle system before reuse or discharge to the post sanitary sewer

1.COMPONENT	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		08 FEB 2000

3.INSTALLATION AND LOCATION

Fort Richardson, Alaska

4.PROJECT TITLE	5.PROJECT NUMBER
Central Vehicle Wash Facility	10116

DESCRIPTION OF PROPOSED CONSTRUCTION: (CONTINUED)
system. All effluent will be pretreated to comply with current State of Alaska Department of Environmental Conservation and US Environmental Protection Agency (EPA) standards. Heating and process hot water will be provided by an internal natural gas fired boiler plant.

---

11. REQ: 767 m2 ADQT: NONE SUBSTD: NONE
PROJECT: Construct a central vehicle wash facility. (Current Mission)
REQUIREMENT: The Clean Water Act and the State of Alaska have made the determination that all ground water shall be maintained to drinking water standards. Accordingly an urgent requirement exists to prevent hydrocarbon polluted gray water from draining off vehicles undergoing cleaning onto hardstands and surface runoff. Additionally, the Clean Water Act and sewage treatment requirements prohibit hydrocarbon polluted gray water from entering the sanitary sewer system without adequate pretreatment. Units returning from the field need a modern, efficient facility to clean dirty vehicles prior to performing any preventive maintenance. A significant portion of this post's vehicles are designated for airborne operations. When an airborne mission is ordered, the task of washing the vehicles to aircraft loading specifications of cleanliness lies on the critical path of pre-flight preparations. In support of contingency operations, the lack of a proper vehicle washing facility sized to support air load processing requirements could very well delay important airborne combat missions. The facility will be operated during four seasons, with most of the heavy activity accruing in the spring through fall seasons. This facility will allow cleaning of the vehicles assigned to an average size company in about one day.
CURRENT SITUATION: Pollution concerns have eliminated the use of existing hardstands for vehicle cleaning. Currently, vehicles are washed in the post's tactical vehicle maintenance facilities and in the Directorate of Logistics (DOL) maintenance facility. Within these facilities, cleaning is accomplished through the use of hose bibs and steam jennys with pollution mitigation provided by the use of low volume oil/water separators. The cleaning of tactical vehicles returning from the field or preparing for air deployment is hampered by the slow processing rate, a consequence of the scale of the wash facilities and the significant coordination and scheduling efforts required to use the maintenance facilities. The use of the existing tactical vehicle maintenance facilities or the DOL maintenance facility is an ineffective use of these facilities, and disrupts normal maintenance activities.
IMPACT IF NOT PROVIDED: If this project is not provided, chemical pollution of the sanitary sewer system will continue to occur when the existing maintenance facilities oil/water separators are used beyond their design capacities. The inefficiency caused by the congestion of the post's tactical vehicle maintenance facilities and the DOL maintenance facility will continue to disrupt necessary maintenance activities as streams of vehicles awaiting access to the wash racks queue through those facilities. Also, the slow

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED
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IMPACT IF NOT PROVIDED: (CONTINUED)
cleaning rate may have implications for contingency operations. The continued absence of a modern cleaning facility with recycling capabilities will result in the post's continued inefficient use of cleaners, water and heat energy. Without the proposed facility, the morale of troops who must wait for many hours, often in subzero conditions, to clean their vehicles will continue to be negatively impacted.
ADDITIONAL: This project has been coordinated with the installation physical security plan, and all required physical security measures are included. Also, no anti-terrorism/force protection measures are required. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

(a) Date Design Started..... FEB 1999
(b) Percent Complete As Of January 2000..... 35.00
(c) Date 35% Designed..... JAN 2000
(d) Date Design Complete..... SEP 2000
(e) Parametric Cost Estimating Used to Develop Costs YES
(f) Type of Design Contract: design-bid-build

(2) Basis:

(a) Standard or Definitive Design: NO

(3) Total Design Cost (c) = (a)+(b) OR (d)+(e): ($000)

(a) Production of Plans and Specifications..... 160
(b) All Other Design Costs..... 80
(c) Total Design Cost..... 240
(d) Contract..... 185
(e) In-house..... 55

(4) Contruction Contract Award..... NOV 2000

(5) Construction Start..... DEC 2000

(6) Construction Completion..... JAN 2002

1.COMPONENT	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		08 FEB 2000

3.INSTALLATION AND LOCATION

Fort Richardson, Alaska

4.PROJECT TITLE	5.PROJECT NUMBER
Central Vehicle Wash Facility	10116

12. SUPPLEMENTAL DATA: (CONTINUED)

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

Equipment Nomenclature	Procuring Appropriation	Fiscal Year Appropriated Or Requested	Cost ($000)
	NA		

Installation Engineer: COL W.D. BROWN
Phone Number: (907) 384-3000

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

DD FORM 1 DEC 76 1391C

DEPARTMENT OF THE ARMY
FISCAL YEAR 2001
MILITARY CONSTRUCTION (PART I)
(DOLLARS ARE IN THOUSANDS)

STATE	PROJECT NUMBER	INSTALLATION (COMMAND) / PROJECT TITLE	AUTHORIZATION REQUEST	APPROPRIATION REQUEST	NEW/ CURRENT MISSION	PAGE
Arizona		Fort Huachuca (TRADOC)				19
	10496	Field Operations Facility	1,250	1,250	C	21
		Subtotal Fort Huachuca PART I	$ 1,250	1,250		
		* TOTAL MCA FOR Arizona	$ 1,250	1,250		

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1. COMPONENT	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. DATE
ARMY		08 FEB 2000

3. INSTALLATION AND LOCATION	4. COMMAND	5. AREA CONSTRUCTION COST INDEX
Fort Huachuca Arizona	US Army Training and Doctrine Command	1.00

6. PERSONNEL STRENGTH:

	PERMANENT			STUDENTS			SUPPORTED			
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF 30 SEP 1999	654	3664	2205	339	1739	9	64	161	3801	12,636
B. END FY 2005	621	3563	1783	346	1851	8	65	142	3801	12,180

7. INVENTORY DATA ($000)

A. TOTAL AREA..... 41,088 ha (101,531 AC)

B. INVENTORY TOTAL AS OF 30 SEP 1999.....	1,508,155
C. AUTHORIZATION NOT YET IN INVENTORY.....	38,855
D. AUTHORIZATION REQUESTED IN THE FY 2001 PROGRAM.....	1,250
E. AUTHORIZATION INCLUDED IN THE FY 2002 PROGRAM.....	5,850
F. PLANNED IN NEXT THREE YEARS (NEW MISSION ONLY).....	0
G. REMAINING DEFICIENCY.....	55,500
H. GRAND TOTAL.....	1,609,610

8. PROJECTS REQUESTED IN THE FY 2001 PROGRAM:

CATEGORY CODE	PROJECT NUMBER	PROJECT TITLE	COST ($000)	DESIGN START	STATUS COMPLETE
141	10496	Field Operations Facility	1,250	10/1992	09/2000
		TOTAL	1,250		

9. FUTURE PROJECTS:

CATEGORY CODE	PROJECT TITLE	COST ($000)
A. INCLUDED IN THE FY 2002 PROGRAM:		
845	Wastewater Treatment/Reuse Plant Ph II	5,850
	TOTAL	5,850

B. PLANNED NEXT THREE PROGRAM YEARS (NEW MISSION ONLY): NONE

10. MISSION OR MAJOR FUNCTIONS:

The current mission of Fort Huachuca is to provide logistical, administrative, legal, financial, supply, and community service support to tenant organizations including an Army Major Field Command (US Army Information Systems Command, USAISC), an USAISC Major Subcommand Headquarter element (Information Systems Engineering Command), 11th Signal Brigade, an Army Major Class II Activity (US Army Electronic Proving Ground), a Major TRADOC Activity (Army Intelligence Center and School), several Department of Defense Activities to include the Joint Test Element of the Joint Tactical Command, Control and Communications Agency, area AMC and FORSCOM Activities, and approximately 20 other tenant elements.

1. COMPONENT ARMY	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. DATE 08 FEB 2000

INSTALLATION AND LOCATION: Fort Huachuca Arizona

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:

	($000)
A. AIR POLLUTION	0
B. WATER POLLUTION	0
C. OCCUPATIONAL SAFETY AND HEALTH	0

REMARKS :

The estimated cost to remedy the deficiencies in all existing permanent and semi-permanent facilities at this installation is $368,956,000 based on the Installation Status Report Information on conditions as of October 1999.

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

DD FORM 1 DEC 76 1390C

1.COMPONENT	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		08 FEB 2000

3.INSTALLATION AND LOCATION	4.PROJECT TITLE
Fort Huachuca Arizona	Field Operations Facility

5.PROGRAM ELEMENT	6.CATEGORY CODE	7.PROJECT NUMBER	8.PROJECT COST ($000)
91520A	141	10496	Auth 1,250 Approp 1,250

9.COST ESTIMATES

ITEM	UM (M/E)	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITY				941
CIDC Field Operations Bldg	m2 (SF)	607 (6,534)	1,458	(885)
IDS Installation	LS	--	--	(8)
EMCS Connection	LS	--	--	(18)
Building Information Systems	LS	--	--	(30)
SUPPORTING FACILITIES				262
Electric Service	LS	--	--	(70)
Water, Sewer, Gas	LS	--	--	(23)
Steam And/Or Chilled Water Dist	LS	--	--	(5)
Paving, Walks, Curbs & Gutters	LS	--	--	(57)
Site Imp(98) Demo( )	LS	--	--	(98)
Information Systems	LS	--	--	(9)
ESTIMATED CONTRACT COST				1,203
CONTINGENCY PERCENT (.00 %)				
SUBTOTAL				1,203
SUPV, INSP & OVERHEAD (5.70%)				69
TOTAL REQUEST				1,272
TOTAL REQUEST (ROUNDED)				1,250
INSTALLED EQT-OTHER APPROP				()

10.Description of Proposed Construction Construct a modified standard-design Criminal Investigation Command (CIDC) field operations building. Project includes administrative space, a polygraph suite, arms room, a secured evidence depository, fire protection and alarm systems, suspect isolation areas, observation and interview areas with acoustic separation, photo identification and fingerprint room, property and supply storage. Install an intrusion detection system (IDS). Connect to an energy monitoring and control system (EMCS). Supporting facilities include utilities; electric service; security lighting; lightning protection; sanitary sewers; storm drainage; access roads; paving, walks, curbs and gutters; parking; dumpster enclosure; fencing and gates; information systems; and site improvements. Access for the handicapped will be provided. Heating (gas-fired) and air conditioning (15 tons) will be provided by self-contained systems. Evaporative cooling: 20,000 CFM. For protective security a metal clad door on the evidence depository with 24 hour lighting will be provided.

11. REQ: 607 m2 ADQT: NONE SUBSTD: 315 m2

PROJECT: Construct a modified standard-design, specialized CIDC field operations building. (Current Mission)

1.COMPONENT	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		08 FEB 2000

3.INSTALLATION AND LOCATION

Fort Huachuca, Arizona

4.PROJECT TITLE	5.PROJECT NUMBER
Field Operations Facility	10496

REQUIREMENT: This project is required to provide adequate operating facilities for a resident agency, a criminal investigative field office of US Army Criminal Investigation Command. This organization requires special purpose space, such as a polygraph room and evidence depository, to perform its mission. Thirteen full-time personnel will occupy the facility. No facilities on or off the installation can properly satisfy the requirement.
CURRENT SITUATION: The unit occupies space in the former Provost Marshal office. The area is too small for daily operations and lacks a suspect waiting room, and interview and line-up rooms. Obtaining testimony and maintaining confidentiality is difficult. The reliability and speed of the always sensitive polygraph examination is also affected by temperature extremes and extraneous noise in the working environment. The lighting is dim, and plaster is falling off the interior walls. The facility is cold and drafty in the winter, and in the summer is so hot that electronic equipment overheats. The building is a converted barracks constructed in 1916. This building is on the National Historic Registry, restricting the modifications which can be performed on the building.
IMPACT IF NOT PROVIDED: If this project is not provided, the unit will continue to operate in overcrowded conditions in a facility that does not meet CIDC operational requirements. Victim, witness, and suspect processing will continue to be adversely affected. The failure to provide adequate facilities lowers both the morale and productivity of the specially-skilled force and is not conducive to soldiers' welfare.
ADDITIONAL: This project has been coordinated with the installation physical security plan, and all required physical security measures are included. Also, no anti-terrorism/force protection measures are required. An economic analysis was performed. New construction is the only feasible option for meeting this requirement.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

(a) Date Design Started..... OCT 1992
(b) Percent Complete As Of January 2000..... 35.00
(c) Date 35% Designed..... JAN 2000
(d) Date Design Complete..... SEP 2000
(e) Parametric Cost Estimating Used to Develop Costs YES
(f) Type of Design Contract: design-bid-build

(2) Basis:

(a) Standard or Definitive Design: YES
(b) Where Most Recently Used:

(3) Total Design Cost (c) = (a)+(b) OR (d)+(e): ($000)

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED
DD FORM 1 DEC 76 1391C

1.COMPONENT	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		08 FEB 2000

3.INSTALLATION AND LOCATION

Fort Huachuca, Arizona

4.PROJECT TITLE	5.PROJECT NUMBER
Field Operations Facility	10496

12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

(a) Production of Plans and Specifications..... 75
(b) All Other Design Costs..... 179
(c) Total Design Cost..... 254
(d) Contract..... 10
(e) In-house..... 244

(4) Contruction Contract Award..... DEC 2000

(5) Construction Start..... JAN 2001

(6) Construction Completion..... APR 2002

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

Equipment Nomenclature	Procuring Appropriation	Fiscal Year Appropriated Or Requested	Cost ($000)
	NA		

Installation Engineer: Stephen G. Thompson
Phone Number: 520 533 3141

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DEPARTMENT OF THE ARMY
FISCAL YEAR 2001
MILITARY CONSTRUCTION (PART I)
(DOLLARS ARE IN THOUSANDS)

STATE	PROJECT NUMBER	INSTALLATION (COMMAND) / PROJECT TITLE	AUTHORIZATION REQUEST	APPROPRIATION REQUEST	NEW/ CURRENT MISSION	PAGE
Arkansas		Pine Bluff Arsenal (AMC)				27
	12917	Chemical Defense Qualification Facility	0	15,500	C	29
	50551	Ammunition Demilitarization Fac Ph-V	0	43,600	N	32
		Subtotal Pine Bluff Arsenal PART I	$ 0	59,100		
		* TOTAL MCA FOR Arkansas	$ 0	59,100		

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1. COMPONENT	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. DATE
ARMY		08 FEB 2000

3. INSTALLATION AND LOCATION	4. COMMAND	5. AREA CONSTRUCTION COST INDEX
Pine Bluff Arsenal Arkansas	US Army Materiel Command	0.89

6. PERSONNEL STRENGTH:

	PERMANENT			STUDENTS			SUPPORTED			
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF 30 SEP 1999	8	30	979	1	3	0	0	2	650	1,673
B. END FY 2005	7	30	938	0	0	0	0	2	650	1,627

7. INVENTORY DATA ($000)

A. TOTAL AREA.....	6,047 ha (14,943 AC)	
B. INVENTORY TOTAL AS OF 30 SEP 1999.....		928,482
C. AUTHORIZATION NOT YET IN INVENTORY.....		66,671
D. AUTHORIZATION REQUESTED IN THE FY 2001 PROGRAM.....		0
E. AUTHORIZATION INCLUDED IN THE FY 2002 PROGRAM.....		0
F. PLANNED IN NEXT THREE YEARS (NEW MISSION ONLY).....		0
G. REMAINING DEFICIENCY.....		76,390
H. GRAND TOTAL.....		1,130,643

8. PROJECTS REQUESTED IN THE FY 2001 PROGRAM:

CATEGORY CODE	PROJECT NUMBER	PROJECT TITLE	COST ($000)	DESIGN STATUS START	DESIGN STATUS COMPLETE
228	12917	Chemical Defense Qualification Facility	15,500	12/1993	06/2001
216	50551	Ammunition Demilitarization Fac Ph-V	43,600	08/1989	04/1994
		TOTAL	59,100		

9. FUTURE PROJECTS:

CATEGORY CODE	PROJECT TITLE	COST ($000)

A. INCLUDED IN THE FY 2002 PROGRAM: NONE

B. PLANNED NEXT THREE PROGRAM YEARS (NEW MISSION ONLY): NONE

10. MISSION OR MAJOR FUNCTIONS:

To operate and maintain production, preproduction, and limited production facilities for the filling, loading, assembly, and manufacturing of assigned materiel; to receive, store, perform surveillance, renovate, demilitarize and ship supplies and equipment for the Army and other government agencies; to support research, development, engineering and environmental activities of other US Army Materiel Command (AMC) activities as required; to provide support as required to other US Army Armament, Munitions and Chemical Command (AMCCOM) installations; to perform chemical laboratory testing; to accomplish repair, maintenance, calibration and operational support for chemical defensive test equipment; to accomplish the disposal and demilitarization of chemical agents and munitions; to accomplish repair and maintenance of chemical defensive materiel; to accomplish the binary munitions program; and to provide administrative and logistical support services to tenant activities.

1. COMPONENT ARMY	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. DATE 08 FEB 2000

INSTALLATION AND LOCATION: Pine Bluff Arsenal Arkansas

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:

	($000)
A. AIR POLLUTION	0
B. WATER POLLUTION	0
C. OCCUPATIONAL SAFETY AND HEALTH	0

REMARKS :

The estimated cost to remedy the deficiencies in all existing permanent and semi-permanent facilities at this installation is $136,131,000 based on the Installation Status Report Information on conditions as of October 1999.

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

DD FORM 1 DEC 76 1390C

1.COMPONENT	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		08 FEB 2000

3.INSTALLATION AND LOCATION	4.PROJECT TITLE
Pine Bluff Arsenal Arkansas	Chemical Defense Qualification Facility

5.PROGRAM ELEMENT	6.CATEGORY CODE	7.PROJECT NUMBER	8.PROJECT COST ($000)
72896A	228	12917	Auth Approp 15,500

9.COST ESTIMATES

ITEM	UM (M/E)	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITY				13,819
Toxic Lab/Support Structures	m2 (SF)	2,037 (21,923)	5,181	(10,553)
Non-Toxic Lab/Support Areas	m2 (SF)	1,152 (12,402)	1,890	(2,178)
Large Filter Test Facility	m2 (SF)	353.31 (3,803)	646.14	(228)
Decon Existing Laboratory	LS	--	--	(33)
Emergency Standby Generator	kWe(KW)	2,100 (2,100)	196.62	(413)
Total from Continuation page				(414)
SUPPORTING FACILITIES				845
Electric Service	LS	--	--	(93)
Water, Sewer, Gas	LS	--	--	(94)
Paving, Walks, Curbs & Gutters	LS	--	--	(141)
Storm Drainage	LS	--	--	(9)
Site Imp(193) Demo(259)	LS	--	--	(452)
Information Systems	LS	--	--	(56)
ESTIMATED CONTRACT COST				14,664
CONTINGENCY PERCENT (.00 %)				
SUBTOTAL				14,664
SUPV, INSP & OVERHEAD (5.70%)				836
TOTAL REQUEST				15,500
TOTAL REQUEST (ROUNDED)				15,500
INSTALLED EQT-OTHER APPROP				(7,926)

10.Description of Proposed Construction This project was authorized in FY 2000. Construct a quality evaluation toxic chemical laboratory complex. Work includes expansion of an existing non-toxic chemical laboratory with administrative and support facilities, construction of a toxic laboratory with toxic test support facilities and an isolated high volume, high-flow toxic test facility. Special features include emergency standby generator, filtered positive ventilation, segregated toxic waste collection system, and special construction and coatings in toxic areas. Install an intrusion detection system (IDS). Supporting facilities include utilities; electric service; paving, walks, curbs and gutters; parking and access roads; security fencing and lighting, and crash barrier; storm drainage; information systems; and site improvements. Access for the handicapped will be provided in office areas only. Heating will be provided by a gas-fired central heat system. Air conditioning (390 tons) will be provided by self-contained units. Mechanical ventilation: 170,000 CFM. Demolish 60 buildings (35,679 SF).

11. REQ: 3,542 m2 ADQT: 353 m2 SUBSTD: 3,189 m2

PROJECT: Construct a chemical defensive equipment (CDE) quality evaluation laboratory. (Current Mission)

1.COMPONENT	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		08 FEB 2000

3.INSTALLATION AND LOCATION

Pine Bluff Arsenal, Arkansas

4.PROJECT TITLE	5.PROJECT NUMBER
Chemical Defense Qualification Facility	12917

9. COST ESTIMATES (CONTINUED)

Item	UM (M/E)	QUANTITY	Unit COST	Cost ($000)
PRIMARY FACILITY (CONTINUED)				
IDS Installation	LS	--	--	(51)
Building Information Systems	LS	--	--	(363)
			Total	414

REQUIREMENT: This project is required to provide a properly sized, safe, environmentally adequate, secure laboratory for quality assurance testing of CDE materiel. Operations will test samples of production lots procured and stockpiled for all services, challenging chemical defensive equipment materials, components and end items with simulants and toxic agents. Testing is required to ensure basic materials and completed and assembled production units meet specifications, are in good condition, and will protect the user.
CURRENT SITUATION: Existing building houses a multi-function laboratory for quality assurance operations. The facility is operating at maximum capacity, beyond levels consistent with good laboratory practice, with no space for expanded testing. Available spaces, not planned for toxic operations, allow only one toxic test set-up, so only one type-item can be tested at a time. Tests within laboratory capability are currently heavily backlogged. Testing of many items is beyond laboratory capabilities. Some systems are now evaluated only by sampling basic materials prior to fabrication of the CDE item, so that no assessment of effectiveness of the end-item is now available. Available support facilities are not capable of expanding to meet mission requirements. The Army is the executive agent for all CDE items and components for all branches of the armed forces. As designated item manager, Pine Bluff is responsible for all testing (first article, production acceptance, and surveillance) requirements on this material.
IMPACT IF NOT PROVIDED: If this project is not provided, inadequate production acceptance and stockpile surveillance testing will continue, with an undefined chance that defective, deteriorated, or damaged protective equipment or components could be accepted or retained in stock for issue. This risk directly endangers the worker in a toxic chemical environment or the soldier facing toxic chemicals in a combat situation. We cannot ensure reliability of CDE without a comprehensive test program and a suitable test facility appropriate for use of challenge materials.
ADDITIONAL: This project has been coordinated with the installation physical security plan, and all required physical security measures are included. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement. Parametric estimates have been used to develop project costs.

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED
DD FORM 1 DEC 76 1391C

1.COMPONENT	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		08 FEB 2000

3.INSTALLATION AND LOCATION

Pine Bluff Arsenal, Arkansas

4.PROJECT TITLE	5.PROJECT NUMBER
Chemical Defense Qualification Facility	12917

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

(a) Date Design Started..... DEC 1993
(b) Percent Complete As Of January 2000..... 35.00
(c) Date 35% Designed..... JUL 1994
(d) Date Design Complete..... JUN 2001
(e) Parametric Cost Estimating Used to Develop Costs NO
(f) Type of Design Contract: design-build

(2) Basis:

(a) Standard or Definitive Design: NO

(3) Total Design Cost (c) = (a)+(b) OR (d)+(e): ($000)

(a) Production of Plans and Specifications..... 1,035
(b) All Other Design Costs..... 828
(c) Total Design Cost..... 1,863
(d) Contract..... _____
(e) In-house..... 1,863

(4) Contruction Contract Award..... FEB 2001

(5) Construction Start..... SEP 2001

(6) Construction Completion..... _____

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

Equipment Nomenclature	Procuring Appropriation	Fiscal Year Appropriated Or Requested	Cost ($000)
QEL Mission	OPA	1999	3,552
LFTF Mission	OPA	1998	3,935
QEL IDS/CCTV	OPA	1998	263
LFTF IDS	OPA	1998	64
Info Sys - ISC	OPA	0000	26
Info Sys - PROP	OPA	0000	86
		TOTAL	7,926

Installation Engineer: Gene Thomas
Phone Number: DSN 966-3301

1.COMPONENT	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		08 FEB 2000

3.INSTALLATION AND LOCATION	4.PROJECT TITLE
Pine Bluff Arsenal Arkansas	Ammunition Demilitarization Fac Ph-V

5.PROGRAM ELEMENT	6.CATEGORY CODE	7.PROJECT NUMBER	8.PROJECT COST ($000)
78007A	216	50551	Auth Approp 43,600

9.COST ESTIMATES

ITEM	UM (M/E)	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITY				113,170
Munition Demil Building	m2 (SF)	6,952 (74,828)	10,585	(73,582)
Process & Utility Building	m2 (SF)	2,006 (21,588)	4,694	(9,415)
Container Handling Building	m2 (SF)	2,915 (31,381)	4,550	(13,266)
Personnel Support Complex	m2 (SF)	905.06 (9,742)	3,728	(3,374)
Medical/Maint. Building (Rehab)	m2 (SF)	351.27 (3,781)	5,870	(2,062)
Total from Continuation page				(11,471)
SUPPORTING FACILITIES				30,066
Electric Service	LS	--	--	(16,735)
Water, Sewer, Gas	LS	--	--	(3,205)
Paving, Walks, Curbs & Gutters	LS	--	--	(5,650)
Storm Drainage	LS	--	--	(823)
Site Imp(3,130) Demo( )	LS	--	--	(3,130)
Information Systems	LS	--	--	(523)
ESTIMATED CONTRACT COST				143,236
CONTINGENCY PERCENT (.00 %)				
SUBTOTAL				143,236
SUPV, INSP & OVERHEAD (5.70%)				8,164
TOTAL REQUEST				151,400
TOTAL REQUEST (ROUNDED)				151,400
INSTALLED EQT-OTHER APPROP				(127,308)

10.Description of Proposed Construction

Construct a Chemical Stockpile Disposal Program (CSDP) facility using incremental appropriations which are split over more than one fiscal year. The FY 2001 budget eliminates all contingency funding. This request is for Increment V ($43.6 million), the last phase. Increment I (Project Number (PN) 2920, $3.0 million) was approved in FY 95, Increment II (PN 45423, $46.0 million) was approved in FY 97, Increment III (PN 47258, $9.0 million) was approved in FY 99 MILCON program, and Increment IV (PN 47259, $49.8 million) was approved in the FY 2000 MILCON program. This project, at full funding and authorization, will expand and modify the existing 3-Quinuclidinyl Benzilate (BZ) demilitarization (demil) site to process lethal (toxic) chemical agents and munitions. Construct a munitions demilitarization building (MDB) with blast containment and adjacent pad for ventilation filters; a container handling building (CHB) connected to the MDB by an enclosed corridor; a process utilities building (PUB) with bulk chemical storage, brine reduction and a boiler room; a laboratory for physical and chemical analysis; and office/storage space and laboratory for non-US inspectors and associated US escorts. Renovate existing BZ multi-purpose building to accommodate expanded medical requirements. Expand the existing personnel complex and install an intrusion detection system (IDS). Supporting facilities include additional utilities; electric service; paving, walks,

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

DD FORM 1 DEC 76 1391

9. COST ESTIMATES (CONTINUED)

Item	UM (M/E)	QUANTITY		Unit COST	Cost ($000)
PRIMARY FACILITY (CONTINUED)					
Entry Control Bldg (Rehab)	m2 (SF)	76.65	(825)	540.16	(41)
Laboratory	m2 (SF)	880.16	(9,474)	7,972	(7,017)
Security Kiosk	m2 (SF)	11.15	(120)	7,946	(89)
IDS Installation	LS	--		--	(948)
BZ Control Room (Rehab)	m2 (SF)	216.46	(2,330)	12,993	(2,812)
Building Information Systems	LS	--		--	(564)
				Total	11,471

DESCRIPTION OF PROPOSED CONSTRUCTION: (CONTINUED)
curbs and gutters; access roads; security fencing and gates; storm drainage; fire protection and alarm systems; information systems; fuel distribution; and site improvements. Heating will be provided by natural gas units. Air conditioning (540 tons) will be provided by self-contained units.

---

11. REQ: 1 EA ADQT: NONE SUBSTD: NONE
PROJECT: Expand and modify the existing demil plant and construct a munitions demil facility. (New Mission)
REQUIREMENT: This project is required to provide the capability to demilitarize and dispose of the toxic chemical agents and munitions stored at this location in a safe, environmentally acceptable manner. Congress has mandated the disposal of the existing unitary chemical stockpile. The Army submitted an Implementation Plan to Congress in March 1988 in response to a specific Congressional request, which cites this facility as an integral and essential part of the chemical stockpile disposal program.
CURRENT SITUATION: Rockets and mines containing lethal chemical agents are stored in igloos at the installation. One-ton containers of lethal chemical agents are stored outdoors. Some of these munitions currently exhibit an accelerated rate of deterioration. These munitions are of no strategic value, but they must be safely stored and inspected to ensure that there is no risk to the public or the environment. The monitoring and surveillance costs for safe storage continue to accrue. No other acceptable disposal facilities are available and the facility used to demilitarize the BZ chemical agent cannot be used unless expanded and modified.
IMPACT IF NOT PROVIDED: If this project is not provided, the Army will not be able to comply with the Congressional mandate for chemical munitions stockpile disposal. Also, maintenance and surveillance costs will continue to grow as the agents and munitions deteriorate with age. The threat to the health of Arsenal employees and the environment will continue.
ADDITIONAL: This project has been coordinated with the installation physical security plan, and all required physical security measures are included. Also,

1.COMPONENT	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		08 FEB 2000

3.INSTALLATION AND LOCATION

Pine Bluff Arsenal, Arkansas

4.PROJECT TITLE	5.PROJECT NUMBER
Ammunition Demilitarization Fac Ph-V	50551

ADDITIONAL: (CONTINUED)
no anti-terrorism/force protection measures are required. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

(a) Date Design Started..... AUG 1989
(b) Percent Complete As Of January 2000..... 100.00
(c) Date 35% Designed..... OCT 1989
(d) Date Design Complete..... APR 1994
(e) Parametric Cost Estimating Used to Develop Costs NO
(f) Type of Design Contract: design-bid-build

(2) Basis:

(a) Standard or Definitive Design: NO

(3) Total Design Cost (c) = (a)+(b) OR (d)+(e): ($000)

(a) Production of Plans and Specifications..... 8,220
(b) All Other Design Costs..... 8,120
(c) Total Design Cost..... 16,340
(d) Contract..... 10,360
(e) In-house..... 5,980

(4) Contruction Contract Award..... JUL 1997

(5) Construction Start..... JAN 1999

(6) Construction Completion..... DEC 2001

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

Equipment Nomenclature	Procuring Appropriation	Fiscal Year Appropriated Or Requested	Cost ($000)
Process Equipment	CAMDD	1993	8,459
Process Equipment	CAMDD	1995	44,845
Process Equipment	CAMDD	1996	10,000
Process Equipment	CAMDD	1997	10,596
Process Equipment	CAMDD	1999	6,000
Process Equipment	CAMDD	2000	4,225
Carbon Filtration System	CAMDD	2000	43,183

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED
DD FORM 1 DEC 76 1391C

1.COMPONENT	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		08 FEB 2000

3.INSTALLATION AND LOCATION

Pine Bluff Arsenal, Arkansas

4.PROJECT TITLE	5.PROJECT NUMBER
Ammunition Demilitarization Fac Ph-V	50551

12. SUPPLEMENTAL DATA: (CONTINUED)

TOTAL 127,308

Installation Engineer: Gene Thomas
Phone Number: DSN 966-3301

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DEPARTMENT OF THE ARMY
FISCAL YEAR 2001
MILITARY CONSTRUCTION (PART I)
(DOLLARS ARE IN THOUSANDS)

STATE	PROJECT NUMBER	INSTALLATION (COMMAND) / PROJECT TITLE	AUTHORIZATION REQUEST	APPROPRIATION REQUEST	NEW/ CURRENT MISSION	PAGE
California		Fort Irwin (FORSCOM)				39
	48527	Barracks Complex - North	31,000	31,000	C	41
		Subtotal Fort Irwin PART I	$ 31,000	31,000		
		* TOTAL MCA FOR California	$ 31,000	31,000		

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1. COMPONENT	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. DATE
ARMY		08 FEB 2000

3. INSTALLATION AND LOCATION	4. COMMAND	5. AREA CONSTRUCTION COST INDEX
Fort Irwin California	US Army Forces Command	1.26

6. PERSONNEL STRENGTH:

	PERMANENT			STUDENTS			SUPPORTED			
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF 30 SEP 1999	679	4017	643	0	0	0	340	4216	2745	12,640
B. END FY 2005	684	4085	563	0	0	0	345	4217	2829	12,723

7. INVENTORY DATA ($000)

A. TOTAL AREA.....	257,483 ha (636,251 AC)	
B. INVENTORY TOTAL AS OF 30 SEP 1999.....		1,523,718
C. AUTHORIZATION NOT YET IN INVENTORY.....		99,774
D. AUTHORIZATION REQUESTED IN THE FY 2001 PROGRAM.....		31,000
E. AUTHORIZATION INCLUDED IN THE FY 2002 PROGRAM.....		0
F. PLANNED IN NEXT THREE YEARS (NEW MISSION ONLY).....		0
G. REMAINING DEFICIENCY.....		106,932
H. GRAND TOTAL.....		1,761,424

8. PROJECTS REQUESTED IN THE FY 2001 PROGRAM:

CATEGORY CODE	PROJECT NUMBER	PROJECT TITLE	COST ($000)	DESIGN START	STATUS COMPLETE
721	48527	Barracks Complex - North	31,000	02/1999	09/2000
		TOTAL	31,000		

9. FUTURE PROJECTS:

CATEGORY CODE	PROJECT TITLE	COST ($000)

A. INCLUDED IN THE FY 2002 PROGRAM: NONE

B. PLANNED NEXT THREE PROGRAM YEARS (NEW MISSION ONLY): NONE

10. MISSION OR MAJOR FUNCTIONS:

The National Training Center (NTC) is an advanced collective training facility located at Fort Irwin, CA. Its mission is to provide advanced collective training opportunities to the task-organized elements of FORSCOM close-combat heavy brigades within the context of the overall FORSCOM training strategy and in accordance with AirLand Battle doctrine.

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:

	($000)
A. AIR POLLUTION	0
B. WATER POLLUTION	0
C. OCCUPATIONAL SAFETY AND HEALTH	0

1. COMPONENT ARMY	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. DATE 08 FEB 2000

INSTALLATION AND LOCATION: Fort Irwin California

REMARKS :

The estimated cost to remedy the deficiencies in all existing permanent and semi-permanent facilities at this installation is $373,137,000 based on the Installation Status Report Information on conditions as of October 1999.

PREVIOUS EDITIONS MAY BE USED INTERNALLY
UNTIL EXHAUSTED

DD FORM 1 DEC 76 1390C

1.COMPONENT	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		08 FEB 2000

3.INSTALLATION AND LOCATION	4.PROJECT TITLE
Fort Irwin California	Barracks Complex - North

5.PROGRAM ELEMENT	6.CATEGORY CODE	7.PROJECT NUMBER	8.PROJECT COST ($000)
22696A	721	48527	Auth 31,000 Approp 31,000

9.COST ESTIMATES

ITEM	UM (M/E)	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITY				25,210
Barracks	m2 (SF)	9,282 (99,911)	1,811	(16,807)
Soldier Community Building	m2 (SF)	1,184 (12,744)	1,742	(2,063)
Company Operations Facilities	m2 (SF)	2,880 (31,000)	1,805	(5,197)
IDS Installation	LS	--	--	(16)
Antiterrorism Force Protection	LS	--	--	(163)
Building Information Systems	LS	--	--	(964)
SUPPORTING FACILITIES				4,151
Electric Service	LS	--	--	(558)
Water, Sewer, Gas	LS	--	--	(813)
Paving, Walks, Curbs & Gutters	LS	--	--	(895)
Storm Drainage	LS	--	--	(182)
Site Imp(1,052) Demo(133)	LS	--	--	(1,185)
Information Systems	LS	--	--	(518)
ESTIMATED CONTRACT COST				29,361
CONTINGENCY PERCENT (.00 %)				
SUBTOTAL				29,361
SUPV, INSP & OVERHEAD (5.70%)				1,674
TOTAL REQUEST				31,035
TOTAL REQUEST (ROUNDED)				31,000
INSTALLED EQT-OTHER APPROP				()

10.Description of Proposed Construction Construct a standard-design whole barracks renewal complex. Projects includes barracks, a soldier community building, and four company operations facilities (COFs). Barracks include living/sleeping rooms, semi-private baths, walk-in closets, and bulk storage and service areas. Supporting facilities include utilities; electric service; security lighting; fire protection and alarm systems; paving, walks, curbs and gutters; parking; picnic and recreational area; information systems, and site improvements. Comprehensive interior design and furnishings are required. Heating and and air conditioning will be provided by self-contained units. Anti-terrorism/force protection measures include laminated glass and site work. Demolish three Korean War-era buildings (668 sm) with removal of asbestos exteriors and some asbestos in the floor tiles.

11. REQ: 1,546 PN ADQT: 1,072 PN SUBSTD: 474 PN

PROJECT: Construct a standard-design barracks complex with soldier community building and company operations facilities to meet current Army standards. (Current Mission)

REQUIREMENT: In order to meet the 1+1 barracks requirements, the installation will be required to nearly double their barracks space. The project is required to provide adequate housing for 260 E1-E4, and 23 E5-E6,

1.COMPONENT	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		08 FEB 2000

3.INSTALLATION AND LOCATION

Fort Irwin, California

4.PROJECT TITLE	5.PROJECT NUMBER
Barracks Complex - North	48527

REQUIREMENT: (CONTINUED)
(intended utilization) with a maximum utilization of 312 personnel. This requirement exists due to the post being 35 miles from the nearest town, Barstow, which has a population of 18,000. The restationing of additional troops at Fort Irwin for the brigade operations function of the National Training Center, fewer married enlisted soldiers, and lack of adequate permanent barracks on-post for single soldiers, makes this barracks project necessary.
CURRENT SITUATION: The existing Korean-War vintage, gang latrine barracks are currently assigned as 4-man modules due to the lack of barracks space. Soldiers cannot be assigned in accordance with the new 1+1 standard due to a lack of barracks facilities. Existing barracks cannot be renovated as there is no excess space to move the troops to during renovation. Storage for the soldiers is near non-existant.
IMPACT IF NOT PROVIDED: If this project is not provided, Fort Irwin will not be able to meet the Army's new barracks standards. There are no existing facilities to house displaced soldiers. These 2+2 barracks would have to remain as undersized 4-person modules. The nearest town is 35 miles away with minimal public transportation that does not support current work schedules. To achieve the 1+1 standard the post would be required to renovate Korean-War vinatge facilities that have asbestos exteriors and gang latrines.
ADDITIONAL: This project has been coordinated with the installation physical security plan, and all required physical security measures are included. Also, all required anti-terrorism/force protection measures are included. An economic analysis has been prepared and was utilized in evaluating this project. During the past two years, $.6 million has been spent on Real Property Maintenance for unaccompanied enlisted personnel housing at Fort Irwin. Upon completion of this project, the remaining unaccompanied enlisted permanent party deficit is 162 personnel at this installation.

12. SUPPLEMENTAL DATA:
A. Estimated Design Data:
(1) Status:
(a) Date Design Started..... FEB 1999
(b) Percent Complete As Of January 2000..... 35.00
(c) Date 35% Designed..... JAN 2000
(d) Date Design Complete..... SEP 2000
(e) Parametric Cost Estimating Used to Develop Costs YES
(f) Type of Design Contract: design-bid-build

(2) Basis:
(a) Standard or Definitive Design: YES
(b) Where Most Recently Used:

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED
DD FORM 1 DEC 76 1391C

1.COMPONENT	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		08 FEB 2000

3.INSTALLATION AND LOCATION

Fort Irwin, California

4.PROJECT TITLE	5.PROJECT NUMBER
Barracks Complex - North	48527

12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

(3) Total Design Cost (c) = (a)+(b) OR (d)+(e): ($000)

(a)	Production of Plans and Specifications.....	1,500
(b)	All Other Design Costs.....	840
(c)	Total Design Cost.....	2,340
(d)	Contract.....	1,820
(e)	In-house.....	520

(4) Contruction Contract Award..... DEC 2000

(5) Construction Start..... FEB 2001

(6) Construction Completion..... DEC 2002

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

Equipment Nomenclature	Procuring Appropriation	Fiscal Year Appropriated Or Requested	Cost ($000)
	NA		

Installation Engineer: LTC Richard Underwood
Phone Number: 760 380-3433

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DEPARTMENT OF THE ARMY
FISCAL YEAR 2001
MILITARY CONSTRUCTION (PART I)
(DOLLARS ARE IN THOUSANDS)

STATE	PROJECT NUMBER	INSTALLATION (COMMAND) / PROJECT TITLE	AUTHORIZATION REQUEST	APPROPRIATION REQUEST	NEW/ CURRENT MISSION	PAGE
Colorado		Pueblo Depot Activity (AMC)				47
	40658	Ammunition Demilitarization Fac Ph II	0	10,700	N	49
		Subtotal Pueblo Depot Activity PART I	$ 0	10,700		
		* TOTAL MCA FOR Colorado	$ 0	10,700		

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1. COMPONENT	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. DATE
ARMY		08 FEB 2000

3. INSTALLATION AND LOCATION	4. COMMAND	5. AREA CONSTRUCTION COST INDEX
Pueblo Depot Activity Colorado	US Army Materiel Command	0.95

6. PERSONNEL STRENGTH:

	PERMANENT			STUDENTS			SUPPORTED			
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF 30 SEP 1999	17	137	209	0	0	0	0	0	75	438
B. END FY 2005	17	127	208	0	0	0	0	0	75	427

7. INVENTORY DATA ($000)

A. TOTAL AREA.....	9,357 ha	(23,121 AC)
B. INVENTORY TOTAL AS OF 30 SEP 1999.....		1,105,825
C. AUTHORIZATION NOT YET IN INVENTORY.....		7,950
D. AUTHORIZATION REQUESTED IN THE FY 2001 PROGRAM.....		0
E. AUTHORIZATION INCLUDED IN THE FY 2002 PROGRAM.....		0
F. PLANNED IN NEXT THREE YEARS (NEW MISSION ONLY).....		93,800
G. REMAINING DEFICIENCY.....		22,000
H. GRAND TOTAL.....		1,320,775

8. PROJECTS REQUESTED IN THE FY 2001 PROGRAM:

CATEGORY CODE	PROJECT NUMBER	PROJECT TITLE	COST ($000)	DESIGN STATUS START	DESIGN STATUS COMPLETE
216	40658	Ammunition Demilitarization Fac Ph II	10,700	10/1990	11/1995
		TOTAL	10,700		

9. FUTURE PROJECTS:

CATEGORY CODE	PROJECT TITLE	COST ($000)
A. INCLUDED IN THE FY 2002 PROGRAM:		
216	Ammunition Demilitaration Fac Ph-III	80,500
	TOTAL	80,500
B. PLANNED NEXT THREE PROGRAM YEARS (NEW MISSION ONLY):		
216	Ammunition Demilitarization Fac Ph-IV	83,400
216	Ammunition Demilitarization Fac Ph-V	10,400
	TOTAL	93,800

10. MISSION OR MAJOR FUNCTIONS:

The principal mission of the Pueblo Depot Activity is the operation of a supply depot under the command of the Tooele Army Depot. The major elements of this mission include the care, receipt, storage, issue, maintenance, and disposal of assigned commodities. Commodities include general supplies, Pershing missiles, chemical and conventional munitions. It also includes a limited maintenance function to preclude deterioration of activity facilities, and to retain limited shipping and receiving capabilities for

1. COMPONENT ARMY	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. DATE 08 FEB 2000

INSTALLATION AND LOCATION: Pueblo Depot Activity Colorado

10. MISSION OR MAJOR FUNCTIONS: (...CONTINUED)
assigned commodities.

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:

	($000)
A. AIR POLLUTION	0
B. WATER POLLUTION	0
C. OCCUPATIONAL SAFETY AND HEALTH	0

REMARKS :
Non ISR Installation.

PREVIOUS EDITIONS MAY BE USED INTERNALLY
UNTIL EXHAUSTED
DD FORM 1 DEC 76 1390C

1.COMPONENT	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		08 FEB 2000

3.INSTALLATION AND LOCATION	4.PROJECT TITLE
Pueblo Depot Activity Colorado	Ammunition Demilitarization Fac Ph II

5.PROGRAM ELEMENT	6.CATEGORY CODE	7.PROJECT NUMBER	8.PROJECT COST ($000)
78007A	216	40658	Auth Approp 10,700

9.COST ESTIMATES

ITEM	UM (M/E)	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITY				138,578
Munition Demil Building	m2 (SF)	7,661 (82,466)	11,345	(86,921)
Process & Utility Building	m2 (SF)	2,006 (21,587)	5,165	(10,359)
Container Handling Building	m2 (SF)	4,138 (44,537)	4,621	(19,119)
Process Support Building	m2 (SF)	1,186 (12,767)	2,688	(3,188)
Personnel and Maintenance Bldg	m2 (SF)	1,892 (20,363)	3,267	(6,180)
Total from Continuation page				(12,811)
SUPPORTING FACILITIES				36,909
Electric Service	LS	--	--	(13,243)
Water, Sewer, Gas	LS	--	--	(6,743)
Paving, Walks, Curbs & Gutters	LS	--	--	(8,851)
Storm Drainage	LS	--	--	(1,605)
Site Imp(5,153) Demo( )	LS	--	--	(5,153)
Information Systems	LS	--	--	(1,314)
ESTIMATED CONTRACT COST				175,487
CONTINGENCY PERCENT (.00 %)				
SUBTOTAL				175,487
SUPV, INSP & OVERHEAD (5.70%)				10,003
TOTAL REQUEST				185,490
TOTAL REQUEST (ROUNDED)				185,490
INSTALLED EQT-OTHER APPROP				(110,777)

10.Description of Proposed Construction

Construct a Chemical Stockpile Disposal Program (CSDP) facility using incremental appropriations. The FY 2001 budget eliminates all contingency funding. This request is for Increment II ($10.7 million). Increment I (Project Number (PN) 17700 ($203.50 million in authorization only) was approved in FY 2000, Increment III (PN 47261, $80.5 million) is planned for FY 2002, Increment IV (PN 47846, $83.4 million) is planned for FY 2003, and Increment V (PN 51026, $10.89 million) is planned for FY 2004. The Army requests advanced appropriation for $174.79 million. This project, at full authorization, will result in the construction of a site-adapted toxic chemical munitions demilitarization (Demil) complex. Work includes a munitions demilitarization building with blast containment area connected to a munitions container handling building by an enclosed corridor; a process utilities building with bulk chemical storage, brine reduction facilities, and a boiler room; a personnel and maintenance facility with change rooms, maintenance storage and a medical treatment area; a process support and administrative building; a chemical analysis laboratory; and an entry control facility. Special features include blast doors, fire protection, a cascading heating, ventilation, air conditioning (HVAC) system with airlocks for agent containment, special air filtration, special personnel protective clothing area, toxic chemical resistive coatings and surfaces, and

1.COMPONENT	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		08 FEB 2000

3.INSTALLATION AND LOCATION

Pueblo Depot Activity, Colorado

4.PROJECT TITLE	5.PROJECT NUMBER
Ammunition Demilitarization Fac Ph II	40658

9. COST ESTIMATES (CONTINUED)

Item	UM (M/E)	QUANTITY		Unit COST	Cost ($000)
PRIMARY FACILITY (CONTINUED)					
Entry Control Facility	m2 (SF)	115.85	(1,247)	12,512	(1,449)
Laboratory	m2 (SF)	880.16	(9,474)	9,546	(8,402)
IDS Installation	LS		--	--	(591)
Warehouse Renovation	m2 (SF)	3,716	(40,000)	460.16	(1,710)
Building Information Systems	LS		--	--	(659)
				Total	12,811

DESCRIPTION OF PROPOSED CONSTRUCTION: (CONTINUED)
explosion-proof electrical fixtures. Install an intrusion detection system (IDS). Supporting facilities include utilities; electric service with an electrical substation; standby electric generators; security fencing and lighting; paving and surfacing, walks, curbs and gutters; storm drainage; information systems; and site improvements. Heating will be provided by a gas-fired central system; air conditioning (500 tons) will be provided by self-contained units.

---

11. REQ: 21,595 m2 ADQT: NONE SUBSTD: NONE

PROJECT: Construct a standard-design toxic chemical agent munitions demilitarization facility. (New Mission)

REQUIREMENT: This project is required to provide the capability to demilitarize and dispose of the toxic chemical agents and munitions stored at Pueblo Depot Activity in a safe, environmentally acceptable manner. Congress has mandated the disposal of the existing unitary chemical stockpile and the Army has submitted an implementation plan which cites this facility as an integral and essential part of the chemical stockpile disposal program.

CURRENT SITUATION: Projectiles containing lethal chemical agents are stored in igloos at the installation and some currently exhibit an accelerated rate of deterioration. These munitions are of no strategic value, but they must be safely stored and inspected to ensure that there is no risk to the public or the environment. The monitoring and surveillance costs for safe storage continue to accrue. No other acceptable disposal facilities are available.

IMPACT IF NOT PROVIDED: If this project is not provided, the Army will not be able to comply with the Congressional mandate for chemical munitions stockpile disposal. Also, maintenance and surveillance costs will continue to grow as the agents and munitions deteriorate with age. The threat to the health of Depot employees and the environment will continue.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and all required physical security measures are included. Also, no anti-terrorism/force protection measures are required.

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

DD FORM 1 DEC 76 1391C

1.COMPONENT	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		08 FEB 2000

3.INSTALLATION AND LOCATION

Pueblo Depot Activity, Colorado

4.PROJECT TITLE	5.PROJECT NUMBER
Ammunition Demilitarization Fac Ph II	40658

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

(a) Date Design Started..... OCT 1990
(b) Percent Complete As Of January 2000..... 100.00
(c) Date 35% Designed..... SEP 1991
(d) Date Design Complete..... NOV 1995
(e) Parametric Cost Estimating Used to Develop Costs NO
(f) Type of Design Contract: design-build

(2) Basis:

(a) Standard or Definitive Design: NO

(3) Total Design Cost (c) = (a)+(b) OR (d)+(e): ($000)

(a) Production of Plans and Specifications..... 7,267
(b) All Other Design Costs..... 4,077
(c) Total Design Cost..... 11,344
(d) Contract..... 7,267
(e) In-house..... 4,077

(4) Contruction Contract Award..... MAR 2001

(5) Construction Start..... JAN 2002

(6) Construction Completion..... FEB 2004

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

Equipment Nomenclature	Procuring Appropriation	Fiscal Year Appropriated Or Requested	Cost ($000)
Process Equipment	CAMDD	1995	125
Process Equipment	CAMDD	2000	78,324
Process Equipment	CAMDD	2001	17,186
Carbon Filtration System	CAMDD	2001	13,818
Info Sys - ISC	OPA	2000	1,052
Info Sys - PROP	OPA	2000	272
		TOTAL	110,777

Installation Engineer: Mr. Phillip Mayer
Phone Number: DSN 749-4745

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DEPARTMENT OF THE ARMY
FISCAL YEAR 2001
MILITARY CONSTRUCTION (PART I)
(DOLLARS ARE IN THOUSANDS)

STATE	PROJECT NUMBER	INSTALLATION (COMMAND) / PROJECT TITLE	AUTHORIZATION REQUEST	APPROPRIATION REQUEST	NEW/ CURRENT MISSION	PAGE
Georgia		Fort Benning (TRADOC)				55
	4311	Fixed Wing Aircraft Parking Apron	15,800	15,800	C	57
	52309	Barracks Complex - Kelley Hill Ph 3B	0	24,000	C	60
		Subtotal Fort Benning PART I	$ 15,800	39,800		
		Fort Stewart (FORSCOM)				63
	52459	Barracks Complex - Hunter AAF Ph1C	0	26,000	C	65
		Subtotal Fort Stewart PART I	$ 0	26,000		
		* TOTAL MCA FOR Georgia	$ 15,800	65,800		

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1. COMPONENT	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. DATE
ARMY		08 FEB 2000

3. INSTALLATION AND LOCATION	4. COMMAND	5. AREA CONSTRUCTION COST INDEX
Fort Benning Georgia	US Army Training and Doctrine Command	0.80

6. PERSONNEL STRENGTH:

	PERMANENT			STUDENTS			SUPPORTED			
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF 30 SEP 1999	1292	9859	2937	1119	11045	0	52	96	2975	29,375
B. END FY 2005	1341	10233	2702	1071	13731	0	54	91	3120	32,343

7. INVENTORY DATA ($000)

A. TOTAL AREA..... 74,616 ha (184,380 AC)

B. INVENTORY TOTAL AS OF 30 SEP 1999.....	2,942,529
C. AUTHORIZATION NOT YET IN INVENTORY.....	195,542
D. AUTHORIZATION REQUESTED IN THE FY 2001 PROGRAM.....	15,800
E. AUTHORIZATION INCLUDED IN THE FY 2002 PROGRAM.....	17,600
F. PLANNED IN NEXT THREE YEARS (NEW MISSION ONLY).....	0
G. REMAINING DEFICIENCY.....	106,850
H. GRAND TOTAL.....	3,302,321

8. PROJECTS REQUESTED IN THE FY 2001 PROGRAM:

CATEGORY CODE	PROJECT NUMBER	PROJECT TITLE	COST ($000)	DESIGN STATUS START	DESIGN STATUS COMPLETE
113	4311	Fixed Wing Aircraft Parking Apron	15,800	03/1999	09/2000
721	52309	Barracks Complex - Kelley Hill Ph 3B	24,000	04/1998	07/2000
		TOTAL	39,800		

9. FUTURE PROJECTS:

CATEGORY CODE	PROJECT TITLE	COST ($000)
A. INCLUDED IN THE FY 2002 PROGRAM:		
111	Runway Extension	4,100
211	Passenger Processing Facility	10,400
442	Deployment Staging Complex	3,100
	TOTAL	17,600

B. PLANNED NEXT THREE PROGRAM YEARS (NEW MISSION ONLY): NONE

10. MISSION OR MAJOR FUNCTIONS:

Provides support and facilities for the U.S. Army Infantry Center and School, major combat and combat support forces, Martin U.S. Army Hospital, other tenant and satellited activities and units, and Reserve Components Training.

1. COMPONENT ARMY	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. DATE 08 FEB 2000

INSTALLATION AND LOCATION: Fort Benning Georgia

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:

	($000)
A. AIR POLLUTION	0
B. WATER POLLUTION	0
C. OCCUPATIONAL SAFETY AND HEALTH	0

REMARKS :

The estimated cost to remedy the deficiencies in all existing permanent and semi-permanent facilities at this installation is $550,603,000 based on the Installation Status Report Information on conditions as of October 1999.

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

DD FORM 1 DEC 76 1390C

1.COMPONENT	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		08 FEB 2000

3.INSTALLATION AND LOCATION	4.PROJECT TITLE
Fort Benning Georgia	Fixed Wing Aircraft Parking Apron

5.PROGRAM ELEMENT	6.CATEGORY CODE	7.PROJECT NUMBER	8.PROJECT COST ($000)
46029A	113	4311	Auth 15,800 Approp 15,800

9.COST ESTIMATES

ITEM	UM (M/E)	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITY				9,924
Aircraft Parking Aprons	m2 (SF)	113,900 (1226009)	81.98	(9,339)
Airfield Marking	LS	--	--	(14)
Aircraft Tie Downs	LS	--	--	(36)
Demolish Existing Apron	m2 (SF)	33,685 (362,582)	15.88	(535)
SUPPORTING FACILITIES				5,024
Electric Service	LS	--	--	(416)
Storm Drainage	LS	--	--	(1,046)
Site Imp(3,166) Demo( )	LS	--	--	(3,166)
Archeological Preservation	LS	--	--	(396)
ESTIMATED CONTRACT COST				14,948
CONTINGENCY PERCENT (.00 %)				
SUBTOTAL				14,948
SUPV, INSP & OVERHEAD (5.70%)				852
TOTAL REQUEST				15,800
TOTAL REQUEST (ROUNDED)				15,800
INSTALLED EQT-OTHER APPROP				()

10.Description of Proposed Construction Upgrade of aircraft parking space by replacing existing inadequate apron with high strength aircraft parking apron; expansion of existing Black Ramp parking apron. Work includes removal of unsuitable material beneath the existing ramp and filling with suitable material; sub-surface drainage system; storm drainage; retention pond; grassing; striping; apron lighting, and site improvements including paved access/staging area. Supporting facilities include utilities, electric service, storm system, site improvements, and concrete trench for fuel distribution under the parking apron with a top removable cover. Demolish existing apron (40,300 SY).

11. REQ: 139,754 m2 ADQT: 25,057 m2 SUBSTD: 61,985 m2

PROJECT: Construct aircraft parking apron at Lawson Army Airfield (LAAF), in support of the Army's Strategic Mobility Program. (Current Mission)

REQUIREMENT: This project is required to provide adequate parking/loading space for the increased number of large aircraft (both Air Force and civilian) expected during mobilization and to decrease turn around time for aircraft used in an overseas deployment.

CURRENT SITUATION: Existing facilities provide inadequate apron space to accommodate the parking and loading of Air Force and large civilian type transport aircraft. Previous exercises have demonstrated the critical

CURRENT SITUATION: (CONTINUED)
deficiency of the loading areas available at LAAF. The current capacity of six C-141 type aircraft, with an appropriate load out time of three hours per aircraft has proven to be unacceptable to the mobilization deployment effort. No other facilities exist to satisfy this requirement.
IMPACT IF NOT PROVIDED: If this project is not provided, Fort Benning will not be able to perform its mobilization mission of deploying units to the theatre of operations in a timely fashion. A slow down in departures from LAAF would result which is not acceptable during mobilization.
ADDITIONAL: This project has been coordinated with the installation physical security plan, and all required physical security measures are included. Also, anti-terrorism/force protection measures are required; airfield is secured. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement. A parametric cost estimate based upon project engineering was used to develop this budget estimate.

12. SUPPLEMENTAL DATA:
A. Estimated Design Data:
(1) Status:
(a) Date Design Started..... MAR 1999
(b) Percent Complete As Of January 2000..... 20.00
(c) Date 35% Designed..... MAR 2000
(d) Date Design Complete..... SEP 2000
(e) Parametric Cost Estimating Used to Develop Costs YES
(f) Type of Design Contract: design-bid-build

(2) Basis:
(a) Standard or Definitive Design: NO

(3) Total Design Cost (c) = (a)+(b) OR (d)+(e): ($000)
(a) Production of Plans and Specifications..... 510
(b) All Other Design Costs..... 510
(c) Total Design Cost..... 1,020
(d) Contract..... 612
(e) In-house..... 408

(4) Contruction Contract Award..... DEC 2000

(5) Construction Start..... FEB 2001

(6) Construction Completion..... SEP 2003

1.COMPONENT	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		08 FEB 2000

3.INSTALLATION AND LOCATION

Fort Benning, Georgia

4.PROJECT TITLE	5.PROJECT NUMBER
Fixed Wing Aircraft Parking Apron	4311

12. SUPPLEMENTAL DATA: (CONTINUED)

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

Equipment Nomenclature	Procuring Appropriation	Fiscal Year Appropriated Or Requested	Cost ($000)
	NA		

Installation Engineer: COL Randy Buck
Phone Number: 706 545-2292

1.COMPONENT	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		08 FEB 2000

3.INSTALLATION AND LOCATION	4.PROJECT TITLE
Fort Benning Georgia	Barracks Complex - Kelley Hill Ph 3B

5.PROGRAM ELEMENT	6.CATEGORY CODE	7.PROJECT NUMBER	8.PROJECT COST ($000)
85796A	721	52309	Auth Approp 24,000

9.COST ESTIMATES

ITEM	UM (M/E)	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITY				33,264
Barracks	m2 (SF)	11,452 (123,268)	1,135	(13,002)
Soldier Community Building	m2 (SF)	1,512 (16,275)	1,087	(1,644)
Company Operations Facilities	m2 (SF)	9,688 (104,281)	1,111	(10,759)
Battalion Headquarters	m2 (SF)	5,275 (56,780)	1,164	(6,142)
EMCS Connection	LS	--	--	(458)
Total from Continuation page				(1,259)
SUPPORTING FACILITIES				9,495
Electric Service	LS	--	--	(1,782)
Water, Sewer, Gas	LS	--	--	(479)
Steam And/Or Chilled Water Dist	LS	--	--	(720)
Paving, Walks, Curbs & Gutters	LS	--	--	(1,137)
Storm Drainage	LS	--	--	(261)
Site Imp(1,774) Demo(3,070)	LS	--	--	(4,844)
Information Systems	LS	--	--	(247)
Antiterrorism/Force Protection	LS	--	--	(25)
ESTIMATED CONTRACT COST				42,759
CONTINGENCY PERCENT (.00 %)				
SUBTOTAL				42,759
SUPV, INSP & OVERHEAD (5.70%)				2,437
TOTAL REQUEST				45,196
TOTAL REQUEST (ROUNDED)				45,000
INSTALLED EQT-OTHER APPROP				()

10.Description of Proposed Construction

This project was fully authorized ($47 million) in FY 2000 and received an appropriation for $21 million (Project Number (PN) 35310). The FY 2001 budget eliminates all contingency funding. The current request ($24 million) is reduced accordingly. Construct a standard-design whole barracks renewal complex. Project includes barracks, soldier community building, four battalion headquarters with classroom buildings, and 12 company operations facilities. Barracks include living/sleeping rooms, semi-private baths, walk-in closets, and bulk storage and service areas. Install intrusion detection systems (IDS). Connect to existing energy monitoring and control system (EMCS). Supporting facilities include utilities; electric service; exterior lighting; fire protection and alarm systems; lawn sprinkler system; paving, walks, curbs and gutters; parking and access drives; outdoor recreation areas; signage; dumpster and/or trash compactor enclosures; upgrade of sanitary sewer collection system and storm drainage system; retaining wall; borrow pit development; information systems; and site improvements. Anti-terrorist and force protection measures include security lighting. Access for the handicapped will be provided in administrative areas. Heating (gas-fired) and air conditioning (1,500 tons) will be provided by self-contained systems. Demolish eight buildings (13,352 m2) with asbestos abatement. Comprehensive building and furnishings related interior design

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

DD FORM 1 DEC 76 1391

1.COMPONENT	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		08 FEB 2000

3.INSTALLATION AND LOCATION

Fort Benning, Georgia

4.PROJECT TITLE	5.PROJECT NUMBER
Barracks Complex - Kelley Hill Ph 3B	52309

9. COST ESTIMATES (CONTINUED)

Item	UM (M/E)	QUANTITY	Unit COST	Cost ($000)
PRIMARY FACILITY (CONTINUED)				
IDS Installation	LS	--	--	(59)
Building Information Systems	LS	--	--	(1,200)
			Total	1,259

DESCRIPTION OF PROPOSED CONSTRUCTION: (CONTINUED)
services are required.

11. REQ: 3,447 PN ADQT: 2,231 PN SUBSTD: 1,216 PN

PROJECT: Construct a standard-design barracks complex with soldier community building, company operations facilities and battalion heaquarters with classrooms to meet the Army's current standards. (Current Mission)

REQUIREMENT: This project is required to provide adequate, standard housing for unaccompanied permanent party enlisted personnel. Intended utilization of the barracks will be 348 personnel (maximum utilization is 384 personnel). This project will also construct company operations facilities and battalion headquarters buildings. Overall, project will contribute to the health, welfare, and morale of the service members residing in these barracks.

CURRENT SITUATION: The facilities this project will replace were originally constructed in 1956 and provide minimal accommodations for unaccompanied personnel housing (UPH). Gang latrines and central shower facilities do not meet minimum Army standards. Rooms created as part of a modernization project in the 1970s provide only minimum amenities, with no conveniences for the individual soldier. Each of the four barracks buildings include two company operations functions on the first floor, and two buildings contain dining facilities. These living conditions and areas are inadequate to accommodate the eight companies now housed in the buildings.

IMPACT IF NOT PROVIDED: If this project is not provided, permanent party enlisted personnel will continue to be housed in substandard facilities, resulting in lower morale and retention rates. Improvements in keeping with the Army's Communities of Excellence program will not be provided which will directly affect the welfare of soldiers.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and all required physical security measures are included. Also, all required anti-terrorism/force protection measures are included. An economic analysis has been prepared and new construction is recommended as more cost effective than renovation. During the past two years, $14.7 million has been spent on Real Property Maintenance for unaccompanied enlisted personnel housing at Fort Benning. Upon completion of this project, the remaining unaccompanied enlisted permanent party deficit is 976 personnel at this installation.

1.COMPONENT	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		08 FEB 2000

3.INSTALLATION AND LOCATION

Fort Benning, Georgia

4.PROJECT TITLE	5.PROJECT NUMBER
Barracks Complex - Kelley Hill Ph 3B	52309

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

(a) Date Design Started..... APR 1998
(b) Percent Complete As Of January 2000..... 45.00
(c) Date 35% Designed..... NOV 1999
(d) Date Design Complete..... JUL 2000
(e) Parametric Cost Estimating Used to Develop Costs NO
(f) Type of Design Contract: design-bid-build

(2) Basis:

(a) Standard or Definitive Design: YES
(b) Where Most Recently Used:
Fort Benning

(3) Total Design Cost (c) = (a)+(b) OR (d)+(e): ($000)

(a) Production of Plans and Specifications..... 990
(b) All Other Design Costs..... 590
(c) Total Design Cost..... 1,580
(d) Contract..... 600
(e) In-house..... 980

(4) Contruction Contract Award..... OCT 2000

(5) Construction Start..... NOV 2000

(6) Construction Completion..... SEP 2003

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

Equipment Nomenclature	Procuring Appropriation	Fiscal Year Appropriated Or Requested	Cost ($000)
	NA		

Installation Engineer: COL Randy Buck
Phone Number: 706 545-2292

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

DD FORM 1 DEC 76 1391C

1. COMPONENT	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. DATE
ARMY		08 FEB 2000

3. INSTALLATION AND LOCATION	4. COMMAND	5. AREA CONSTRUCTION COST INDEX
Fort Stewart Georgia	US Army Forces Command	0.82

6. PERSONNEL STRENGTH:

	PERMANENT			STUDENTS			SUPPORTED			
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF 30 SEP 1999	1457	13625	1854	0	122	0	16	60	2408	19,542
B. END FY 2005	1444	13197	1723	0	143	0	21	66	2408	19,002

7. INVENTORY DATA ($000)

A. TOTAL AREA..... 113,017 ha (279,271 AC)	
B. INVENTORY TOTAL AS OF 30 SEP 1999.....	1,879,788
C. AUTHORIZATION NOT YET IN INVENTORY.....	81,566
D. AUTHORIZATION REQUESTED IN THE FY 2001 PROGRAM.....	0
E. AUTHORIZATION INCLUDED IN THE FY 2002 PROGRAM.....	0
F. PLANNED IN NEXT THREE YEARS (NEW MISSION ONLY).....	0
G. REMAINING DEFICIENCY.....	170,088
H. GRAND TOTAL.....	2,157,442

8. PROJECTS REQUESTED IN THE FY 2001 PROGRAM:

CATEGORY CODE	PROJECT NUMBER	PROJECT TITLE	COST ($000)	DESIGN START	STATUS COMPLETE
721	52459	Barracks Complex - Hunter AAF Ph1C	26,000	01/1998	12/1999
		TOTAL	26,000		

9. FUTURE PROJECTS:

CATEGORY CODE	PROJECT TITLE	COST ($000)

A. INCLUDED IN THE FY 2002 PROGRAM: NONE

B. PLANNED NEXT THREE PROGRAM YEARS (NEW MISSION ONLY): NONE

10. MISSION OR MAJOR FUNCTIONS:

Support and training of an Infantry Division (Mech) and non-divisional support units, and provide support for tenant, including 18th Corps Aerial Explortation Battalion and SOCOM Ranger and Aviation Battalions, satellited activities and reserve components training.

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:

	($000)
A. AIR POLLUTION	0
B. WATER POLLUTION	0
C. OCCUPATIONAL SAFETY AND HEALTH	0

1. COMPONENT ARMY	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. DATE 08 FEB 2000

INSTALLATION AND LOCATION: Fort Stewart Georgia

REMARKS :

The estimated cost to remedy the deficiencies in all existing permanent and semi-permanent facilities at this installation is $317,809,000 based on the Installation Status Report Information on conditions as of October 1999.

PREVIOUS EDITIONS MAY BE USED INTERNALLY
UNTIL EXHAUSTED

DD FORM 1 DEC 76 1390C

1.COMPONENT	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		08 FEB 2000

3.INSTALLATION AND LOCATION	4.PROJECT TITLE
Fort Stewart Georgia	Barracks Complex - Hunter AAF Ph1C

5.PROGRAM ELEMENT	6.CATEGORY CODE	7.PROJECT NUMBER	8.PROJECT COST ($000)
22696A	721	52459	Auth Approp 26,000

9.COST ESTIMATES

ITEM	UM (M/E)	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITY				33,650
Barracks	m2 (SF)	12,089 (130,125)	1,218	(14,729)
Soldier Community Building	m2 (SF)	1,240 (13,347)	1,202	(1,490)
Company Operations Facilities	m2 (SF)	5,802 (62,452)	1,199	(6,955)
Battalion Headquarters	m2 (SF)	2,518 (27,104)	1,209	(3,044)
Dining Facility	m2 (SF)	1,955 (21,043)	1,916	(3,745)
Total from Continuation page				(3,687)
SUPPORTING FACILITIES				9,785
Electric Service	LS	--	--	(1,517)
Water, Sewer, Gas	LS	--	--	(463)
Steam And/Or Chilled Water Dist	LS	--	--	(2,003)
Paving, Walks, Curbs & Gutters	LS	--	--	(1,750)
Storm Drainage	LS	--	--	(460)
Site Imp(2,133) Demo(476)	LS	--	--	(2,609)
Information Systems	LS	--	--	(983)
ESTIMATED CONTRACT COST				43,435
CONTINGENCY PERCENT (.00 %)				
SUBTOTAL				43,435
SUPV, INSP & OVERHEAD (5.70%)				2,476
TOTAL REQUEST				45,911
TOTAL REQUEST (ROUNDED)				46,000
INSTALLED EQT-OTHER APPROP				()

10.Description of Proposed Construction

In FY 98 Congress authorized $54 million and appropriated $11.5 million. In FY 2000 Congress appropriated $20 million. This request ($26 million) completes the final increment of this project. The authorization shortfall will be handled pursuant to 10 USC 2853. Construct a standard-design Whole Barracks Renewal Complex with barracks buildings, soldier community building, dining facility, two battalion headquarters facilities, and eight company operations facilities. Barracks include living/sleeping rooms, semi-private baths, walk-in closets, bulk storage and service areas. Supporting facilities include utilities; electric service; fire protection and alarm system; paving, walks, curbs and gutters; parking; sewer; storm drainage; sports courts; information systems; and site improvements. Expansion of energy plant and construction of hot/chilled water lines will provide heating and air conditioning for barracks complex in the 1200 Block. Heating and air conditioning for the 200-300 block complex will be provided by self-contained units. Demolish 14 buildings (4,298 m2) and utility support systems within the footprint of construction. Comprehensive interior design services are required. Anti-terrorism/force protection measures include vehicle barriers, steel clad doors, and tempered glass windows.

1.COMPONENT	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		08 FEB 2000

3.INSTALLATION AND LOCATION

Fort Stewart, Georgia

4.PROJECT TITLE	5.PROJECT NUMBER
Barracks Complex - Hunter AAF Ph1C	52459

9. COST ESTIMATES (CONTINUED)

Item	UM (M/E)	QUANTITY	Unit COST	Cost ($000)
PRIMARY FACILITY (CONTINUED)				
Central Energy Plant Addition	LS	--	--	(1,619)
EMCS	LS	--	--	(530)
IDS Installation	LS	--	--	(48)
Antiterrorism Force Protection	LS	--	--	(151)
Building Information Systems	LS	--	--	(1,339)
			Total	3,687

11. REQ: 1,479 PN ADQT: 326 PN SUBSTD: 1,153 PN

PROJECT: Construct a standard-design whole barracks complex with a soldier community building, dining facility, battalion headquarters, and eight company headquarters to meet the current Army standards. (Current Mission)

REQUIREMENT: This project is required to meet new standards for single soldier barracks and to allow this installation to proceed in the development of Army Single Soldier Communities of Excellence Program. Maximum utilization is 408 personnel. Intended utilization is 303 E1-E4s and 67 E5-E6s.

CURRENT SITUATION: Hunter Army Airfield currently has five barracks buildings. Two buildings were constructed in 1985 based upon three persons per room. The remaining three permanent buildings were constructed in 1954 by the Air Force based upon a module of two living/sleeping rooms with three men per room and a bath shared by six men. These buildings received a "facelift" renovation in 1978. Upon completion, the rooms were designated as two person capacity with a bath shared by two rooms or four persons. Existing facilities do not provide adequate space for each soldier’s possessions including equipment (TA/50), adequate work/study space, nor do they provide privacy for the individual soldier. The living/sleeping rooms lack adequate lighting and electrical outlets. These facilities have narrow, dark, interior hallways, and small laundry rooms.

IMPACT IF NOT PROVIDED: If this project is not provided, implementation of the new criteria will require a large portion of the installation’s single soldier population to live off-post. Since the lower pay grades form the largest portion of the single soldier population, the requirement to live off-post will effect substantial financial difficulty upon the soldier due to the need for transportation and separate rations, and the tendency of this group to be subjected to high rent situations. Personal problems such as financial difficulty yield poor morale, and thereby reduce the soldier’s ability to contribute to the accomplishment of the required unit mission.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and all required physical security measures are included. Also, all required anti-terrorism/force protection measures are included.

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

DD FORM 1 DEC 76 1391C

1.COMPONENT	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		08 FEB 2000

3.INSTALLATION AND LOCATION

Fort Stewart, Georgia

4.PROJECT TITLE	5.PROJECT NUMBER
Barracks Complex - Hunter AAF Ph1C	52459

ADDITIONAL: (CONTINUED)
Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement. This budget estimate is based on a completed design. During the past two years, $1.5 million has been spent on Real Property Maintenance for unaccompanied enlisted personnel housing at Fort Stewart. Upon completion of this project, the remaining unaccompanied enlisted permanent party deficit is 889 personnel at this installation.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

(a) Date Design Started..... JAN 1998
(b) Percent Complete As Of January 2000..... 100.00
(c) Date 35% Designed..... AUG 1998
(d) Date Design Complete..... DEC 1999
(e) Parametric Cost Estimating Used to Develop Costs NO
(f) Type of Design Contract: design-bid-build

(2) Basis:

(a) Standard or Definitive Design: YES
(b) Where Most Recently Used:
Fort Jackson

(3) Total Design Cost (c) = (a)+(b) OR (d)+(e): ($000)

(a) Production of Plans and Specifications..... 2,500
(b) All Other Design Costs..... 850
(c) Total Design Cost..... 3,350
(d) Contract.....
(e) In-house..... 3,350

(4) Contruction Contract Award..... APR 2000

(5) Construction Start..... MAY 2000

(6) Construction Completion..... DEC 2003

1.COMPONENT	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		08 FEB 2000

3.INSTALLATION AND LOCATION

Fort Stewart, Georgia

4.PROJECT TITLE	5.PROJECT NUMBER
Barracks Complex - Hunter AAF Ph1C	52459

12. SUPPLEMENTAL DATA: (CONTINUED)

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

Equipment Nomenclature	Procuring Appropriation	Fiscal Year Appropriated Or Requested	Cost ($000)
	NA		

Installation Engineer: Rodney Carter
Phone Number: 912 767-5591

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

DD FORM 1 DEC 76 1391C

DEPARTMENT OF THE ARMY
FISCAL YEAR 2001
MILITARY CONSTRUCTION (PART I)
(DOLLARS ARE IN THOUSANDS)

STATE	PROJECT NUMBER	INSTALLATION (COMMAND) / PROJECT TITLE	AUTHORIZATION REQUEST	APPROPRIATION REQUEST	NEW/ CURRENT MISSION	PAGE
Hawaii		Schofield Barracks (USARPAC)				71
	52214	Barracks Complex - Wilson Street Ph 1B	0	46,400	C	73
		Subtotal Schofield Barracks PART I	$ 0	46,400		
		Wheeler Army Air Field (USARPAC)				77
	50949	Barracks Complex	43,800	43,800	C	79
		Subtotal Wheeler Army Air Field PART I	$ 43,800	43,800		
		* TOTAL MCA FOR Hawaii	$ 43,800	90,200		

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1. COMPONENT	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. DATE
ARMY		08 FEB 2000

3. INSTALLATION AND LOCATION	4. COMMAND	5. AREA CONSTRUCTION COST INDEX
Schofield Barracks Hawaii	US Army Pacific	1.55

6. PERSONNEL STRENGTH:

	PERMANENT			STUDENTS			SUPPORTED			
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF 30 SEP 1999	1287	10876	1446	0	91	0	108	1146	2584	17,538
B. END FY 2005	1273	10387	1270	0	121	0	108	1140	2562	16,861

7. INVENTORY DATA ($000)

A. TOTAL AREA.....	65,909 ha (162,864 AC)	
B. INVENTORY TOTAL AS OF 30 SEP 1999.....		4,455,693
C. AUTHORIZATION NOT YET IN INVENTORY.....		190,005
D. AUTHORIZATION REQUESTED IN THE FY 2001 PROGRAM.....		0
E. AUTHORIZATION INCLUDED IN THE FY 2002 PROGRAM.....		48,000
F. PLANNED IN NEXT THREE YEARS (NEW MISSION ONLY).....		0
G. REMAINING DEFICIENCY.....		149,266
H. GRAND TOTAL.....		4,909,364

8. PROJECTS REQUESTED IN THE FY 2001 PROGRAM:

CATEGORY CODE	PROJECT NUMBER	PROJECT TITLE	COST ($000)	DESIGN STATUS START	DESIGN STATUS COMPLETE
721	52214	Barracks Complex - Wilson Street Ph 1B	46,400	01/1998	04/2000
		TOTAL	46,400		

9. FUTURE PROJECTS:

CATEGORY CODE	PROJECT TITLE	COST ($000)
A. INCLUDED IN THE FY 2002 PROGRAM:		
721	Barracks Complex - Capron Road	48,000
721	Barracks Complex - Wilson Street PhIC	20,000
	TOTAL	68,000

B. PLANNED NEXT THREE PROGRAM YEARS (NEW MISSION ONLY): NONE

10. MISSION OR MAJOR FUNCTIONS:

Schofield Barracks houses peacetime garrison troops and their supporting organizations. It is the headquarters for the 25th Infantry Division. Parts of the U.S. Army Support Command Hawaii (USASCH), U.S. Army Information Systems Command and the 45th Support Group are also housed there. In addition, members of the other services occupy housing at Schofield.

1. COMPONENT ARMY	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. DATE 08 FEB 2000

INSTALLATION AND LOCATION: Schofield Barracks Hawaii

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:

	($000)
A. AIR POLLUTION	0
B. WATER POLLUTION	0
C. OCCUPATIONAL SAFETY AND HEALTH	0

REMARKS :

The estimated cost to remedy the deficiencies in all existing permanent and semi-permanent facilities at this installation is $698,371,000 based on the Installation Status Report Information on conditions as of October 1999.

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

DD FORM 1 DEC 76 1390C

1.COMPONENT	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		08 FEB 2000

3.INSTALLATION AND LOCATION	4.PROJECT TITLE
Schofield Barracks Hawaii	Barracks Complex - Wilson Street Ph 1B

5.PROGRAM ELEMENT	6.CATEGORY CODE	7.PROJECT NUMBER	8.PROJECT COST ($000)
22696A	721	52214	Auth Approp 46,400

9.COST ESTIMATES

ITEM	UM (M/E)	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITY				62,342
Barracks	m2 (SF)	12,000 (129,167)	1,716	(20,592)
Soldiers Community Bldg	m2 (SF)	1,618 (17,416)	1,650	(2,670)
Company Operations Facilities	m2 (SF)	10,448 (112,461)	1,615	(16,874)
Soldiers Gear Wash Area	m2 (SF)	946 (10,183)	1,573	(1,488)
Battalion Headquarters Building	m2 (SF)	2,904 (31,258)	1,824	(5,297)
Total from Continuation page				(15,421)
SUPPORTING FACILITIES				23,574
Electric Service	LS	--	--	(1,889)
Water, Sewer, Gas	LS	--	--	(3,679)
Paving, Walks, Curbs & Gutters	LS	--	--	(3,135)
Storm Drainage	LS	--	--	(6,062)
Site Imp(2,802) Demo(3,005)	LS	--	--	(5,808)
Information Systems	LS	--	--	(3,001)
ESTIMATED CONTRACT COST				85,916
CONTINGENCY PERCENT (.00 %)				
SUBTOTAL				85,916
SUPV, INSP & OVERHEAD (6.50%)				5,585
TOTAL REQUEST				91,500
TOTAL REQUEST (ROUNDED)				91,500
INSTALLED EQT-OTHER APPROP				()

10.Description of Proposed Construction

This project was fully authorized ($95 million) in FY 2000 and received appropriation for $25 million. The FY 2001 budget eliminates all contingency funding. The current request ($46.4 million) is reduced accordingly. In addition, advance appropriations for $20 million is requested for Fiscal Year 2002. Construct a standard-design whole barracks renewal complex. project includes two barracks buildings, a soldier community building, 15 standard-design company operations facilities with adjacent covered gear wash areas, two standard-design battalion headquarters facilities, and a dining facility. Barracks include living/sleeping rooms, semi-private baths, walk-in closets, service areas, janitor’s closets, mechanical rooms, electrical room, telecommunication room and elevators. The barracks will be five-stories in height due to very limited space. Install an intrusion detection system (IDS). Construct a replacement training center with welding shop. Supporting facilities include utilities; electric service; exterior lighting; fire protection and alarm systems; paving, walks, curbs and gutters; fencing; parking; road improvements; storm drainage; information systems; one million gallon water tank and pump system; and site improvements. Access for the handicapped will be provided for the SCB and the Battalion Headquarters. Environmental remediation is required at the construction site. Air conditioning will be provided for the barracks (562 kW), the SCB (127 kW),

9. COST ESTIMATES (CONTINUED)

Item	UM (M/E)	QUANTITY		Unit COST	Cost ($000)
PRIMARY FACILITY (CONTINUED)					
Training Facility	m2 (SF)	1,190	(12,809)	1,656	(1,971)
Water Tank 1 Mgal	EA	1	--	1250000	(1,250)
Pump Sta. w/Stanby Generator	EA	1	--	806,002	(806)
Remote Switch Center Building	m2 (SF)	92.90	(999.97)	2,041	(190)
IDS Installation	LS		--	--	(56)
Multipurpose Court	EA	1	--	118,885	(119)
Dining Facility	m2 (SF)	2,808	(30,225)	2,750	(7,723)
Central Heating Plant Building	m2 (SF)	195.10	(2,100)	1,720	(336)
Building Information Systems	LS		--	--	(2,970)
				Total	15,421

DESCRIPTION OF PROPOSED CONSTRUCTION: (CONTINUED)
the COFs (342 kW), dining (127 kW), training center (176 kW), and the battalion headquarters (296 kW). Demolish 13 buildings (37,568 SM) within the footprint. Asbestos abatement for removal of vinyl asbestos tile flooring is required prior to the demolition of existing buildings. The supporting facility cost is high due to relocation of utility lines, road improvements, permanent relocation of telephones, local area network, oceanic cables, and demolition. Comprehensive building and furnishings related interior design services are required.

11. REQ: 3,678 PN ADQT: 1,361 PN SUBSTD: 2,317 PN
PROJECT: Construct a standard-design whole barracks renewal complex with a soldier community building, 15 company operations facilities, two battalion headquarters, a dining facility to meet the Whole Barracks Renewal Program Standards. Construct replacement facilities for a training center. (Current Mission)
REQUIREMENT: This project is part of a multi-phase project to provide barracks for 400 personnel (PN) (intended utilization of 363 PN) out of the total maximum utilization of 1,180 PN required for this barracks complex. This project is one of many projects in a strategy to bring all billets to meet current criteria of the Army Whole Barracks Renewal standards, and is essential for implementing the long range plan to provide adequate barracks for the entire 25th Infantry Division and it’s supporting elements.
CURRENT SITUATION: Personnel are currently housed in an existing substandard (90 SF per man) barracks building located on this Schofield Barracks site earmarked for demolition as a part of this project. Existing living accommodations do not meet current Army standards. The soldiers still use gang latrines and showers. Buildings lack proper plumbing, lighting, ventilation, and partitions for security, privacy, comfort and noise abatement. Billeting

CURRENT SITUATION: (CONTINUED)
is currently located in the same building as the unit operations and headquarters facilities. This condition does not meet the current Army Whole Barracks Renewal standards to provide quality living conditions for the soldier by separating the administrative and operations facilities from the barracks.

IMPACT IF NOT PROVIDED: If this project is not provided, personnel will continue to live in deteriorated barracks facilities constructed in the 1940s and below current Army standards. Personnel must double-up in living quarters that are currently substandard, or live off base during the scheduled modernization of existing barracks. This will adversely affect the soldiers' quality-of-life and morale, compromising retention rates and ultimately, unit readiness. Maintenance costs for utilities and billet areas will continue to increase due to facility age.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and all required physical security measures are included. Also, anti-terrorism/force protection measures are required. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement. A concept design cost estimate was used to develop this budget estimate. During the past two years, $11.2 million has been spent on Real Property Maintenance for unaccompanied enlisted personnel housing at Schofield Barracks and Wheeler Army Airfield. Upon completion of this project, the remaining unaccompanied enlisted permanent party deficit is 2,117 personnel at this installation.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

(a) Date Design Started..... JAN 1998
(b) Percent Complete As Of January 2000..... 90.00
(c) Date 35% Designed..... JUL 1998
(d) Date Design Complete..... APR 2000
(e) Parametric Cost Estimating Used to Develop Costs NO
(f) Type of Design Contract: design-bid-build

(2) Basis:

(a) Standard or Definitive Design: YES
(b) Where Most Recently Used:
Schofield Barracks

(3) Total Design Cost (c) = (a)+(b) OR (d)+(e): ($000)

(a) Production of Plans and Specifications..... 3,950
(b) All Other Design Costs..... 1,000
(c) Total Design Cost..... 4,950
(d) Contract..... 1,500

1.COMPONENT	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		08 FEB 2000

3.INSTALLATION AND LOCATION

Schofield Barracks, Hawaii

4.PROJECT TITLE	5.PROJECT NUMBER
Barracks Complex - Wilson Street Ph 1B	52214

12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

(e) In-house..... 3,450

(4) Contruction Contract Award..... JAN 2001

(5) Construction Start..... FEB 2001

(6) Construction Completion..... DEC 2003

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

Equipment Nomenclature	Procuring Appropriation	Fiscal Year Appropriated Or Requested	Cost ($000)
	NA		

Installation Engineer: Dennis J. Fontont
Phone Number: 808 656-1289

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

DD FORM 1 DEC 76 1391C

1. COMPONENT	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. DATE
ARMY		08 FEB 2000

3. INSTALLATION AND LOCATION	4. COMMAND	5. AREA CONSTRUCTION COST INDEX
Wheeler Army Air Field Hawaii	US Army Pacific	1.55

6. PERSONNEL STRENGTH:

	PERMANENT			STUDENTS			SUPPORTED			
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF 30 SEP 1999	202	1605	193	0	0	0	1	0	1	2,002
B. END FY 2005	209	1631	26	0	0	0	0	0	0	1,866

7. INVENTORY DATA ($000)

A. TOTAL AREA..... 562 ha (1,389 AC)

B. INVENTORY TOTAL AS OF 30 SEP 1999.....	20,474
C. AUTHORIZATION NOT YET IN INVENTORY.....	0
D. AUTHORIZATION REQUESTED IN THE FY 2001 PROGRAM.....	43,800
E. AUTHORIZATION INCLUDED IN THE FY 2002 PROGRAM.....	0
F. PLANNED IN NEXT THREE YEARS (NEW MISSION ONLY).....	0
G. REMAINING DEFICIENCY.....	6,400
H. GRAND TOTAL.....	70,674

8. PROJECTS REQUESTED IN THE FY 2001 PROGRAM:

CATEGORY CODE	PROJECT NUMBER	PROJECT TITLE	COST ($000)	DESIGN STATUS START	DESIGN STATUS COMPLETE
721	50949	Barracks Complex	43,800	05/1999	10/2000
		TOTAL	43,800		

9. FUTURE PROJECTS:

CATEGORY CODE	PROJECT TITLE	COST ($000)

A. INCLUDED IN THE FY 2002 PROGRAM: NONE

B. PLANNED NEXT THREE PROGRAM YEARS (NEW MISSION ONLY): NONE

10. MISSION OR MAJOR FUNCTIONS:

Wheeler Army Airfield is a sub-installation of Schofield Barracks supporting the 25th Infantry Brigade.

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:

	($000)
A. AIR POLLUTION	0
B. WATER POLLUTION	0
C. OCCUPATIONAL SAFETY AND HEALTH	0

1. COMPONENT ARMY	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. DATE 08 FEB 2000

INSTALLATION AND LOCATION: Wheeler Army Air Field Hawaii

REMARKS :

Installation Status Report Information for Wheeler AAF is integrated into Schofield Barracks.

PREVIOUS EDITIONS MAY BE USED INTERNALLY
UNTIL EXHAUSTED

DD FORM 1 DEC 76 1390C

1.COMPONENT	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		08 FEB 2000

3.INSTALLATION AND LOCATION	4.PROJECT TITLE
Wheeler Army Air Field Hawaii	Barracks Complex

5.PROGRAM ELEMENT	6.CATEGORY CODE	7.PROJECT NUMBER	8.PROJECT COST ($000)
22696A	721	50949	Auth 43,800 Approp 43,800

9.COST ESTIMATES

ITEM	UM (M/E)	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITY				29,756
Barracks	m2 (SF)	5,761 (62,011)	1,766	(10,172)
Soldier Community Building	m2 (SF)	1,025 (11,033)	1,668	(1,710)
Multipurpose Court	EA	1 --	89,009	(89)
Company Operations Facility	m2 (SF)	2,304 (24,800)	1,632	(3,760)
Soldiers Gear Wash Area	m2 (SF)	205 (2,207)	1,586	(325)
Total from Continuation page				(13,700)
SUPPORTING FACILITIES				11,371
Electric Service	LS	--	--	(1,108)
Water, Sewer, Gas	LS	--	--	(1,730)
Steam And/Or Chilled Water Dist	LS	--	--	(10)
Paving, Walks, Curbs & Gutters	LS	--	--	(1,228)
Storm Drainage	LS	--	--	(6,124)
Site Imp(634) Demo(100)	LS	--	--	(734)
Information Systems	LS	--	--	(437)
ESTIMATED CONTRACT COST				41,127
CONTINGENCY PERCENT (.00 %)				
SUBTOTAL				41,127
SUPV, INSP & OVERHEAD (6.50%)				2,673
TOTAL REQUEST				43,800
TOTAL REQUEST (ROUNDED)				43,800
INSTALLED EQT-OTHER APPROP				()

10.Description of Proposed Construction

Construct a standard-design whole barracks complex with soldier community building, three company operations facilities and a battalion headquarters. Barracks includes living/sleeping rooms, semi-private baths, walk-in closets, bulk storage and service areas. Renovate two existing buildings to accommodate company operations facilities (COF) and battalion (BN) headquarters functions of the 25th Aviation Brigade. Renovation work will include asbestos and lead containing paint abatement, exterior painting, roofing, replacement of broken/missing windows, construction of interior walls, ceilings, and floors, air conditioning upgrade, and electrical upgrade. Windows shall be constructed of tempered glass and existing walls of arms vaults upgraded for Anti-Terrorism/Force Protection (AT/FP) requirements. Supporting facilities include utilities; electric service; exterior lighting; fire protection and alarm systems; paving, walks, curbs and gutters; parking; storm drainage; information systems associated with the facilities, the entire barracks complex; site improvements; and road improvements. Environmental remediation is required at the construction site. The supporting facility cost is high due to relocation of utility lines, storm drainage, road improvements, permanent relocation of telephone cables, local area network (LAN) cables, cable television lines, and the demolition of existing buildings located at the site. Air conditioning will be provided for the barracks (110 tons), the

9. COST ESTIMATES (CONTINUED)

Item	UM (M/E)	QUANTITY	Unit COST	Cost ($000)
PRIMARY FACILITY (CONTINUED)				
Renovate 118	m2 (SF)	342 (3,681)	362.07	(124)
Renovate Bldg 102	m2 (SF)	9,633 (103,689)	1,251	(12,052)
Asbestos/Lead Paint Removal	LS	--	--	(739)
IDS Installation	LS	--	--	(157)
Anti-Terrorism/Force Protection	LS	--	--	(34)
Building Information Systems	LS	--	--	(594)
			Total	13,700

DESCRIPTION OF PROPOSED CONSTRUCTION: (CONTINUED)
SCB (15 tons), the COFs (30 tons), and second existing building (350 tons). Demolish one building (979 SM) within the footprint. Asbestos abatement for removal of vinyl asbestos tile flooring is required prior to the demolition of existing buildings located at the site. Comprehensive building and furnishings related interior design services are requested.

11. REQ: 460 PN ADQT: 88 PN SUBSTD: 372 PN
PROJECT: Construct an aviation brigade whole barracks complex with soldier community buildings, three company operations facilities, and renovate, to current Army standards, two of three existing buildings to house company operations facilities and battalion headquarters functions. (Current Mission)
REQUIREMENT: Wheeler Army Air Field is a sub-installation of Schofield Barracks. This project will provide barracks for 192 personnel (PN) (maximum utilization and 174 intended utilization). This barracks complex will provide construction of two barracks, construction of two soldier community buildings, construction of three company operation facility with soldier gear wash areas, and renovation of three existing buildings at Wheeler Army Airfield. The existing buildings to be renovated will house the 25th Aviation Brigade company operations facilities and battalion headquarters. This project is one of many to bringing barracks up to the Army’s current standards, and is essential for implementing the long range plan to provide adequate barracks for the entire 25th Infantry Division and its supporting elements.
CURRENT SITUATION: Personnel are currently housed in an existing substandard (90 SF per soldier) barracks building located on this Wheeler Army Airfield site earmarked for renovation. Existing living accommodations do not meet current Army Whole Barracks Renewal standards. The soldiers still use gang latrine and showers. Buildings lack proper plumbing, lighting, ventilation, and partitions for security, privacy, comfort and noise abatement. Billeting is currently located in the same building as the unit operations and headquarters facilities. This condition does not meet the current Army Whole Barracks Renewal standards to provide quality living conditions for the

CURRENT SITUATION: (CONTINUED)
soldier by separating the administrative and operations facilities from the barracks.
IMPACT IF NOT PROVIDED: If this project is not provided, personnel will continue to live in deteriorated barracks facilities constructed in the 1940's and below current Army standards. Personnel must double-up in living quarters that are currently substandard or live off base during the scheduled modernization of existing barracks. This will adversely affect the soldiers' quality-of-life and morale, compromising retention rates and ultimately, unit readiness. Maintenance costs for utilities and billet areas due to facility age will continue to increase.
ADDITIONAL: This project has been coordinated with the installation physical security plan, and all required physical security measures are included. Also, all required anti-terrorism/force protection measures are included. An economic analysis has been prepared and was utilized in evaluating this project. This is the most cost effective method to satisfy this requirement. During the past two years, $11.2 million has been spent on Real Property Maintenance for unaccompanied enlisted personnel housing at Schofield Barracks and Wheeler Army Airfield. Upon completion of this project, the remaining unaccompanied enlisted permanent party deficit is 180 personnel at this installation.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

(a)	Date Design Started	MAY 1999
(b)	Percent Complete As Of January 2000	35.00
(c)	Date 35% Designed	JUL 1999
(d)	Date Design Complete	OCT 2000
(e)	Parametric Cost Estimating Used to Develop Costs	YES
(f)	Type of Design Contract: design-bid-build	

(2) Basis:
(a) Standard or Definitive Design: YES
(b) Where Most Recently Used:
Schofield Barracks

(3) Total Design Cost (c) = (a)+(b) OR (d)+(e): ($000)

(a)	Production of Plans and Specifications	1,941
(b)	All Other Design Costs	369
(c)	Total Design Cost	2,310
(d)	Contract	1,522
(e)	In-house	788

(4) Contruction Contract Award..... MAR 2001

1.COMPONENT	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		08 FEB 2000

3.INSTALLATION AND LOCATION

Wheeler Army Air Field, Hawaii

4.PROJECT TITLE	5.PROJECT NUMBER
Barracks Complex	50949

12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

(5) Construction Start..... APR 2001

(6) Construction Completion..... OCT 2003

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

Equipment Nomenclature	Procuring Appropriation	Fiscal Year Appropriated Or Requested	Cost ($000)
	NA		

Installation Engineer: COL Barry Totten
Phone Number: (808) 656-1289

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

DD FORM 1 DEC 76 1391C

DEPARTMENT OF THE ARMY
FISCAL YEAR 2001
MILITARY CONSTRUCTION (PART I)
(DOLLARS ARE IN THOUSANDS)

STATE	PROJECT NUMBER	INSTALLATION (COMMAND) / PROJECT TITLE	AUTHORIZATION REQUEST	APPROPRIATION REQUEST	NEW/ CURRENT MISSION	PAGE
Indiana		Newport Army Ammunition Plant (AMC)				85
	50042	Ammunition Demilitarization Fac Ph III	0	54,400	N	87
		Subtotal Newport Army Ammunition Plant PART I	$ 0	54,400		
		* TOTAL MCA FOR Indiana	$ 0	54,400		

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1. COMPONENT	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. DATE
ARMY		08 FEB 2000

3. INSTALLATION AND LOCATION	4. COMMAND	5. AREA CONSTRUCTION COST INDEX
Newport Army Ammunition Plant Indiana	US Army Materiel Command	0.99

6. PERSONNEL STRENGTH:

	PERMANENT			STUDENTS			SUPPORTED			
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF 30 SEP 1999	1	0	15	0	0	0	0	5	196	217
B. END FY 2005	1	0	15	0	0	0	0	5	196	217

7. INVENTORY DATA ($000)

A. TOTAL AREA..... 3,439 ha (8,498 AC)

B. INVENTORY TOTAL AS OF 30 SEP 1999.....	549,279
C. AUTHORIZATION NOT YET IN INVENTORY.....	0
D. AUTHORIZATION REQUESTED IN THE FY 2001 PROGRAM.....	0
E. AUTHORIZATION INCLUDED IN THE FY 2002 PROGRAM.....	0
F. PLANNED IN NEXT THREE YEARS (NEW MISSION ONLY).....	0
G. REMAINING DEFICIENCY.....	132,600
H. GRAND TOTAL.....	814,279

8. PROJECTS REQUESTED IN THE FY 2001 PROGRAM:

CATEGORY CODE	PROJECT NUMBER	PROJECT TITLE	COST ($000)	DESIGN STATUS START	DESIGN STATUS COMPLETE
216	50042	Ammunition Demilitarization Fac Ph III	54,400	03/1997	06/2000
		TOTAL	54,400		

9. FUTURE PROJECTS:

CATEGORY CODE	PROJECT TITLE	COST ($000)
A. INCLUDED IN THE FY 2002 PROGRAM:		
216	Ammunition Demilitarization Fac Ph IV	78,000
	TOTAL	78,000

B. PLANNED NEXT THREE PROGRAM YEARS (NEW MISSION ONLY): NONE

10. MISSION OR MAJOR FUNCTIONS:

Manufacture of explosives and chemical agent surveillance.

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:

	($000)
A. AIR POLLUTION	0
B. WATER POLLUTION	0
C. OCCUPATIONAL SAFETY AND HEALTH	0

1. COMPONENT ARMY	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. DATE 08 FEB 2000

INSTALLATION AND LOCATION: Newport Army Ammunition Plant Indiana

REMARKS :

Non-ISR Installation.

PREVIOUS EDITIONS MAY BE USED INTERNALLY
UNTIL EXHAUSTED

DD FORM 1 DEC 76 1390C

1.COMPONENT	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		08 FEB 2000

3.INSTALLATION AND LOCATION	4.PROJECT TITLE
Newport Army Ammunition Plant Indiana	Ammunition Demilitarization Fac Ph III

5.PROGRAM ELEMENT	6.CATEGORY CODE	7.PROJECT NUMBER	8.PROJECT COST ($000)
78007A	216	50042	Auth Approp 54,400

9.COST ESTIMATES

ITEM	UM (M/E)	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITY				126,882
Chemical Demil Building	m2 (SF)	5,601 (60,287)	10,863	(60,844)
Process Auxiliary Building	m2 (SF)	1,366 (14,700)	6,530	(8,918)
Farm Filter Building	m2 (SF)	1,901 (20,460)	3,549	(6,745)
Utility Building	m2 (SF)	1,417 (15,250)	5,374	(7,614)
Supercritical Water Ox Bldg	m2 (SF)	854.71 (9,200)	8,435	(7,210)
Total from Continuation page				(35,551)
SUPPORTING FACILITIES				43,222
Electric Service	LS	--	--	(12,089)
Water, Sewer, Gas	LS	--	--	(374)
Paving, Walks, Curbs & Gutters	LS	--	--	(2,121)
Storm Drainage	LS	--	--	(1,250)
Site Imp(13,258) Demo( )	LS	--	--	(13,258)
Information Systems	LS	--	--	(1,250)
Other	LS	--	--	(12,880)
ESTIMATED CONTRACT COST				170,104
CONTINGENCY PERCENT (.00 %)				
SUBTOTAL				170,104
SUPV, INSP & OVERHEAD (5.70%)				9,696
TOTAL REQUEST				179,800
TOTAL REQUEST (ROUNDED)				179,800
INSTALLED EQT-OTHER APPROP				(104,983)

10.Description of Proposed Construction

Construct a Chemical Stockpile Disposal Program (CSDP) facility using incremental authorization and appropriations which are split over more than one fiscal year. The FY 2001 budget eliminates all contingency funding. This request is for Increment III ($54.4 million). Increment I (Project Number (PN) 50026, $11.5 million) was approved in FY 99 and Increment II (PN 50041, $35.9 million) was approved in the FY 2000 MILCON program. Increment IV (PN 50043, $78.0 million) is planned for FY 2002. The Army requests advanced appropriation for $78.0 million. This project will provide for the construction of facilities to be used for pilot testing of an alternative to incineration. The technology to be implemented at Newport Chemical Depot is neutralization followed by onsite Supercritical Water Oxidation (SCWO). Changes are anticipated during pilot plant operations due to the Research and Development nature of this one-of-a-kind prototype process plant and the optimization required prior to commencing full production operations. Work includes a chemical demilitarization building (CDB) with an adjoining transfer corridor to Building 144; a process auxiliary building; a filter farm building; a utility building; a personnel and maintenance facility with change room, maintenance storage and a medical treatment area; process support and administrative building; chemical analysis laboratory; an entry control facility; a Supercritical Water Oxidation (SCWO) building; a solid

9. COST ESTIMATES (CONTINUED)

Item	UM (M/E)	QUANTITY		Unit COST	Cost ($000)
PRIMARY FACILITY (CONTINUED)					
Ton Container Tranfer Corridor	m2 (SF)	371.61	(4,000)	4,798	(1,783)
Water Treatment Area	m2 (SF)	278.71	(3,000)	4,297	(1,198)
Personnel Support Building	m2 (SF)	1,170	(12,590)	2,710	(3,169)
Entry Control Facility	m2 (SF)	124.49	(1,340)	12,312	(1,533)
Personnel Maintenance Building	m2 (SF)	1,735	(18,680)	3,583	(6,217)
Laboratory	m2 (SF)	1,320	(14,213)	10,216	(13,490)
Lab Filter Building	LS	--		--	(863)
Warehouse	m2 (SF)	2,601	(28,000)	1,100	(2,860)
IDS Installation	LS	--		--	(2,938)
Building Information Systems	LS	--		--	(1,500)
				Total	35,551

DESCRIPTION OF PROPOSED CONSTRUCTION: (CONTINUED)
waste storage building and a standby diesel generator building. Features include fire protection, a cascading heating, ventilation, and air conditioning (HVAC) system with airlocks for agent containment, air filtration, toxic chemical resistive coatings and surfaces. Installation of an intrusion detection system (IDS). Supporting facilities include utilities, electric service with an electrical substation, standby electric generators, information systems, security fencing and lighting, storm drainage, paving walks, curbs and gutters, and site improvements. Heating will be provided by a gas-fired central system; air conditioning will be provided by self contained units.

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11. REQ: 18,740 m2 ADQT: NONE SUBSTD: NONE
PROJECT: Design and construct a toxic chemical agent destruction facility. (New Mission)
REQUIREMENT: This project is required to destroy toxic chemical agent stored at Newport Chemical Depot in a safe, environmentally acceptable manner. Congress has mandated the disposal of the existing unitary chemical stockpile under Public Laws 99-145, 99-661, and 100-180. The Army submitted an implementation plan to Congress in March 1988 in response to a specific Congressional request, which cites this facility as an integral and essential part of the chemical stockpile disposal program.
CURRENT SITUATION: Steel containers (1 ton) holding lethal chemical agent are stored inside one building at the installation. These containers are of no strategic value but they must be safely stored and inspected to ensure that there is no risk to the public or the environment. The monitoring and surveillance costs for safe storage continue to accrue. No other acceptable disposal facilities are available.

1.COMPONENT	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		08 FEB 2000

3.INSTALLATION AND LOCATION

Newport Army Ammunition Plant, Indiana

4.PROJECT TITLE	5.PROJECT NUMBER
Ammunition Demilitarization Fac Ph III	50042

IMPACT IF NOT PROVIDED: If this project is not provided, the Army will not be able to comply with the Congressional mandate for chemical munitions stockpile disposal. Also, maintenance and surveillance costs will continue to grow as the agent and containers deteriorate with age. The threat to the health of Depot employees and to the environment will continue.
ADDITIONAL: Estimates are based upon the best available data. Costs are adjusted for risk associated with design and construction of a first-of-a-kind process plant. This project has been coordinated with the installation physical security plan, and all required physical security measures are included. Also, no anti-terrorism/force protection measures are required.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

(a) Date Design Started..... MAR 1997
(b) Percent Complete As Of January 2000..... 75.00
(c) Date 35% Designed..... AUG 1997
(d) Date Design Complete..... JUN 2000
(e) Parametric Cost Estimating Used to Develop Costs NO
(f) Type of Design Contract: design-build

(2) Basis:

(a) Standard or Definitive Design: NO

(3) Total Design Cost (c) = (a)+(b) OR (d)+(e): ($000)

(a) Production of Plans and Specifications..... 490
(b) All Other Design Costs..... 90
(c) Total Design Cost..... 580
(d) Contract..... 90
(e) In-house..... 490

(4) Contruction Contract Award..... FEB 1999

(5) Construction Start..... APR 1999

(6) Construction Completion..... SEP 2002

1.COMPONENT	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		08 FEB 2000

3.INSTALLATION AND LOCATION

Newport Army Ammunition Plant, Indiana

4.PROJECT TITLE	5.PROJECT NUMBER
Ammunition Demilitarization Fac Ph III	50042

12. SUPPLEMENTAL DATA: (CONTINUED)

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

Equipment Nomenclature	Procuring Appropriation	Fiscal Year Appropriated Or Requested	Cost ($000)
Equipment Procurement	CAMDD	1999	23,923
Equipment Procurement	CAMDD	2000	28,714
Equipment Procurement	CAMDD	2001	18,854
Equipment Procurement	CAMDD	2002	22,544
Equipment Procurement	CAMDD	2003	10,948
		TOTAL	104,983

Installation Engineer: Mr. Kevin Ruddick
Phone Number: DSN 369-1550

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

DD FORM 1 DEC 76 1391C

DEPARTMENT OF THE ARMY
FISCAL YEAR 2001
MILITARY CONSTRUCTION (PART I)
(DOLLARS ARE IN THOUSANDS)

STATE	PROJECT NUMBER	INSTALLATION (COMMAND) / PROJECT TITLE	AUTHORIZATION REQUEST	APPROPRIATION REQUEST	NEW/ CURRENT MISSION	PAGE
Kansas		Fort Riley (FORSCOM)				93
	53374	Barracks Complex - Infantry Drive Ph 1C	0	15,000	C	95
		Subtotal Fort Riley PART I	$ 0	15,000		
		* TOTAL MCA FOR Kansas	$ 0	15,000		

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1. COMPONENT	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. DATE
ARMY		08 FEB 2000

3. INSTALLATION AND LOCATION	4. COMMAND	5. AREA CONSTRUCTION COST INDEX
Fort Riley Kansas	US Army Forces Command	1.09

6. PERSONNEL STRENGTH:

	PERMANENT			STUDENTS			SUPPORTED			
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF 30 SEP 1999	1006	9590	1880	0	10	0	9	45	2211	14,751
B. END FY 2005	963	8909	1598	0	10	0	14	46	2024	13,564

7. INVENTORY DATA ($000)

A. TOTAL AREA.....	40,740 ha (100,671 AC)	
B. INVENTORY TOTAL AS OF 30 SEP 1999.....		2,995,090
C. AUTHORIZATION NOT YET IN INVENTORY.....		211,960
D. AUTHORIZATION REQUESTED IN THE FY 2001 PROGRAM.....		0
E. AUTHORIZATION INCLUDED IN THE FY 2002 PROGRAM.....		0
F. PLANNED IN NEXT THREE YEARS (NEW MISSION ONLY).....		0
G. REMAINING DEFICIENCY.....		105,579
H. GRAND TOTAL.....		3,327,629

8. PROJECTS REQUESTED IN THE FY 2001 PROGRAM:

CATEGORY CODE	PROJECT NUMBER	PROJECT TITLE	COST ($000)	DESIGN STATUS START	DESIGN STATUS COMPLETE
721	53374	Barracks Complex - Infantry Drive Ph 1C	15,000	03/1999	06/2000
		TOTAL	15,000		

9. FUTURE PROJECTS:

CATEGORY CODE	PROJECT TITLE	COST ($000)

A. INCLUDED IN THE FY 2002 PROGRAM: NONE

B. PLANNED NEXT THREE PROGRAM YEARS (NEW MISSION ONLY): NONE

10. MISSION OR MAJOR FUNCTIONS:

Provide for the support and training of the First Infantry Division (Mech) and non-divisional support units. Support the US Army Confinement Brigade, Third Region ROTC, Readiness Group, and reserve components training.

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:

	($000)
A. AIR POLLUTION	0
B. WATER POLLUTION	0
C. OCCUPATIONAL SAFETY AND HEALTH	0

1. COMPONENT ARMY	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. DATE 08 FEB 2000

INSTALLATION AND LOCATION: Fort Riley Kansas

REMARKS :

The estimated cost to remedy the deficiencies in all existing permanent and semipermanent facilities at this installation is $207,432,000, based on the Installation Status Report Information on conditions as of October 1999.

PREVIOUS EDITIONS MAY BE USED INTERNALLY
UNTIL EXHAUSTED

DD FORM 1 DEC 76 1390C

1.COMPONENT	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		08 FEB 2000

3.INSTALLATION AND LOCATION	4.PROJECT TITLE
Fort Riley Kansas	Barracks Complex - Infantry Drive Ph 1C

5.PROGRAM ELEMENT	6.CATEGORY CODE	7.PROJECT NUMBER	8.PROJECT COST ($000)
22696A	721	53374	Auth Approp 15,000

9.COST ESTIMATES

ITEM	UM (M/E)	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITY				20,241
Barracks	m2 (SF)	9,375 (100,916)	1,610	(15,098)
Soldier Community Building	m2 (SF)	1,358 (14,620)	1,632	(2,217)
Walk Canopy/Utility Trench	m2 (SF)	44.13 (475)	4,418	(195)
EMCS Preparation/connection	LS	--	--	(99)
Special Foundations	LS	--	--	(1,361)
Total from Continuation page				(1,271)
SUPPORTING FACILITIES				5,979
Electric Service	LS	--	--	(493)
Water, Sewer, Gas	LS	--	--	(223)
Steam And/Or Chilled Water Dist	LS	--	--	(236)
Paving, Walks, Curbs & Gutters	LS	--	--	(1,131)
Storm Drainage	LS	--	--	(167)
Site Imp(1,012) Demo(2,411)	LS	--	--	(3,423)
Information Systems	LS	--	--	(114)
Antiterrorism/Force Protection	LS	--	--	(192)
ESTIMATED CONTRACT COST				26,220
CONTINGENCY PERCENT (.00 %)				
SUBTOTAL				26,220
SUPV, INSP & OVERHEAD (5.70%)				1,495
TOTAL REQUEST				27,715
TOTAL REQUEST (ROUNDED)				28,000
INSTALLED EQT-OTHER APPROP				()

10.Description of Proposed Construction

This project was authorized in FY 1999 and FY 2000 and received appropriations for $16.5 million in FY 1999 and $13 million in FY 2000. This request is for the remaining $15 million required to complete this project. The FY 2001 budget eliminates all contingency funding. The current request ($15 million) is reduced accordingly. Construct a standard-design whole barracks renewal complex with barracks and soldier community building. Barracks include living/sleeping rooms, semi-private baths, walk-in closets, bulk storage and service areas. Special foundation work is required. Connect energy monitoring and control system (EMCS) with utility meters. Prepare all exits with empty conduits and electrical for force protection. Supporting facilities include utility extension and connections; underground electric service; exterior lighting; fire protection and alarm systems; access roads; paving, walks, curbs and gutters; parking; storm drainage; signage; information systems; and site improvements. Supporting force protection features include exterior lighting and barrier landscaping. Access for the handicapped will be provided in the soldier community building. Heating will be provided by self-contained gas-fired boilers and air conditioning (200 tons) by a central chiller plant. Demolish four buildings (12,086 m2) (133,988 SF).

1.COMPONENT	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		08 FEB 2000

3.INSTALLATION AND LOCATION

Fort Riley, Kansas

4.PROJECT TITLE	5.PROJECT NUMBER
Barracks Complex - Infantry Drive Ph 1C	53374

9. COST ESTIMATES (CONTINUED)

Item	UM (M/E)	QUANTITY	Unit COST	Cost ($000)
PRIMARY FACILITY (CONTINUED)				
Antiterrorism Force Protection	LS	--	--	(824)
Building Information Systems	LS	--	--	(447)
			Total	1,271

11. REQ: 3,268 PN ADQT: 1,977 PN SUBSTD: 1,291 PN

PROJECT: Construct a standard-design whole barracks complex to meet the Army's current standards. (Current Mission)

REQUIREMENT: Maximum utilization is 312 soldiers. Intended utilization is 256 E1-E4 and 27 E5-E6. Living conditions and quality-of-life environment will greatly improve, thus enhancing the attractiveness of the military service and contributing to Army readiness. This project supports the Army goal of replacing aging infrastructure. The facilities to be renewed lack the necessities that are currently authorized for enlisted personnel.

CURRENT SITUATION: The current barracks are over 40 years old and have received only partial renovations. The electrical, plumbing and mechanical systems are failing and require increasing levels of maintenance. The buildings are not energy efficient being constructed prior to the current energy standards. Existing gang latrine facilities have poor ventilation and moisture and condensation problems create constant complaints. It is impossible to provide adequate facilities for female soldiers without isolating one-half of a floor. Buildings fail to meet current fire life safety codes and lack the structural reinforcement necessary to meet seismic zone II requirements. These facilities were constructed in the mid 1950s as troop billets with open bays. Partitions were installed in the mid 1970s under VOLAR projects which divided the open bays into two, three and four-man rooms. However, nothing was done to exterior of the facilities or to the windows. The building exterior is painted concrete block. Mortar joints have failed and concrete window sills have spalled. The windows are metal framed single pane glazing and do not have thermal breaks in the frames. There are condensation problems and ice forms on windows, frames and sills. Temperatures throughout the building vary greatly. Wind chill factors at Fort Riley can reach -50 degrees F in the winter. Energy efficiency is impossible to obtain and continues to be a costly burden on the installation. However, the discomfort and inconvenience to the soldier has the greater effect on his efficiency and morale. Gang type latrines and showers are shared by approximately 80 soldiers on each floor. Company administrative and supply areas are currently located in the barracks.

IMPACT IF NOT PROVIDED: If this project is not provided, personnel assigned to these barracks will continue to lack those amenities in their living

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

DD FORM 1 DEC 76 1391C

IMPACT IF NOT PROVIDED: (CONTINUED)
quarters currently recognized as standard for new facilities with inevitable dissatisfaction. The lack of adequate, modern living facilities for these personnel will continue to have an adverse impact on troop morale and retention rates. Existing mechanical and electrical systems will continue to deteriorate requiring increased piecemeal maintenance and replacement. Buildings will continue to increase in energy usage as efficiency of the components and building fabric deteriorate. Increasing amounts of scarce operation and maintenance funds will be used to maintain buildings well past their useful life. Dead-end halls, excessive distance to exits, and insufficient seismic reinforcement all contribute to potential loss of life in the event of fire or earthquake.
ADDITIONAL: This project has been coordinated with the installation physical security plan and all required physical security measures are included. Also, all required anti-terrorism/force protection measures are included. An economic analysis was prepared and utilized in evaluating this project. This is the most cost effective method to satisfy this requirement. A parametric cost estimate based on project engineering was used to develop this budget estimate. During the past two years, $3.0 million has been spent on Real Property Maintenance for unaccompanied enlisted personnel housing at Fort Riley. Upon completion of this project, the remaining unaccompanied enlisted permanent party deficit is 979 personnel at this installation.

12. SUPPLEMENTAL DATA:
A. Estimated Design Data:
(1) Status:
(a) Date Design Started..... MAR 1999
(b) Percent Complete As Of January 2000..... 20.00
(c) Date 35% Designed..... MAR 2000
(d) Date Design Complete..... JUN 2000
(e) Parametric Cost Estimating Used to Develop Costs NO
(f) Type of Design Contract: design-bid-build

(2) Basis:
(a) Standard or Definitive Design: YES
(b) Where Most Recently Used:
Fort Riley

(3) Total Design Cost (c) = (a)+(b) OR (d)+(e): ($000)
(a) Production of Plans and Specifications..... 900
(b) All Other Design Costs..... 60
(c) Total Design Cost..... 960
(d) Contract.....
(e) In-house..... 960

1.COMPONENT	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		08 FEB 2000

3.INSTALLATION AND LOCATION

Fort Riley, Kansas

4.PROJECT TITLE	5.PROJECT NUMBER
Barracks Complex - Infantry Drive Ph 1C	53374

12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

(4) Contruction Contract Award..... AUG 2000

(5) Construction Start..... SEP 2000

(6) Construction Completion..... AUG 2002

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

Equipment Nomenclature	Procuring Appropriation	Fiscal Year Appropriated Or Requested	Cost ($000)
	NA		

Installation Engineer: LTC Gary Heer
Phone Number: 913 239-3906

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

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DEPARTMENT OF THE ARMY
FISCAL YEAR 2001
MILITARY CONSTRUCTION (PART I)
(DOLLARS ARE IN THOUSANDS)

STATE	PROJECT NUMBER	INSTALLATION (COMMAND) / PROJECT TITLE	AUTHORIZATION REQUEST	APPROPRIATION REQUEST	NEW/ CURRENT MISSION	PAGE
Kentucky		Blue Grass Army Depot (AMC)				101
	53376	Ammunition Demilitarization Support Ph II	0	8,500	N	103
		Subtotal Blue Grass Army Depot PART I	$ 0	8,500		
		Fort Campbell (FORSCOM)				107
	52400	Barracks Complex - Market Garden Rd Ph 2C	0	9,400	C	109
		Subtotal Fort Campbell PART I	$ 0	9,400		
		Fort Knox (TRADOC)				113
	52460	Multipurpose Digital Training Range Ph III	0	8,450	C	115
		Subtotal Fort Knox PART I	$ 0	8,450		
		* TOTAL MCA FOR Kentucky	$ 0	26,350		

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1. COMPONENT ARMY	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. DATE 08 FEB 2000
3. INSTALLATION AND LOCATION Blue Grass Army Depot Kentucky	4. COMMAND US Army Materiel Command	5. AREA CONSTRUCTION COST INDEX 0.98

6. PERSONNEL STRENGTH:

	PERMANENT			STUDENTS			SUPPORTED			
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF 30 SEP 1999	3	10	514	0	0	0	0	2	333	862
B. END FY 2005	3	10	712	0	0	0	0	2	411	1,138

7. INVENTORY DATA ($000)

A. TOTAL AREA..... 5,907 ha (14,596 AC)

B. INVENTORY TOTAL AS OF 30 SEP 1999.....	931,262
C. AUTHORIZATION NOT YET IN INVENTORY.....	11,300
D. AUTHORIZATION REQUESTED IN THE FY 2001 PROGRAM.....	0
E. AUTHORIZATION INCLUDED IN THE FY 2002 PROGRAM.....	0
F. PLANNED IN NEXT THREE YEARS (NEW MISSION ONLY).....	0
G. REMAINING DEFICIENCY.....	20,000
H. GRAND TOTAL.....	1,079,862

8. PROJECTS REQUESTED IN THE FY 2001 PROGRAM:

CATEGORY CODE	PROJECT NUMBER	PROJECT TITLE	COST ($000)	DESIGN STATUS START	DESIGN STATUS COMPLETE
216	53376	Ammunition Demilitarization Support Ph II	8,500	11/1991	12/1999
		TOTAL	8,500		

9. FUTURE PROJECTS:

CATEGORY CODE	PROJECT TITLE	COST ($000)
A. INCLUDED IN THE FY 2002 PROGRAM:		
216	Ammunition Demilitarization Fac Ph II	17,400
	TOTAL	17,400
B. PLANNED NEXT THREE PROGRAM YEARS (NEW MISSION ONLY):		
216	Ammunition Demilitarization Fac Ph-IV	82,000
216	Ammunition Demilitarization Fac Ph-V	9,400
	TOTAL	91,400

10. MISSION OR MAJOR FUNCTIONS:

To operate a multi-purpose depot activity providing for the receipt, storage, issue and maintenance (COMSEC) of assigned commodities; provide installation support to attached organizations; and operate such other facilities as may be assigned.

1. COMPONENT ARMY	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. DATE 08 FEB 2000

INSTALLATION AND LOCATION: Blue Grass Army Depot Kentucky

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:

	($000)
A. AIR POLLUTION	0
B. WATER POLLUTION	0
C. OCCUPATIONAL SAFETY AND HEALTH	0

REMARKS :

The estimated cost to remedy the deficiencies in all existing permanent and semi-permanent facilities at this installation is $20,507,000 based on the Installation Status Report Information on conditions as of October 1999.

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

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1.COMPONENT	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		08 FEB 2000

3.INSTALLATION AND LOCATION	4.PROJECT TITLE
Blue Grass Army Depot Kentucky	Ammunition Demilitarization Support Ph II

5.PROGRAM ELEMENT	6.CATEGORY CODE	7.PROJECT NUMBER	8.PROJECT COST ($000)
78007A	216	53376	Auth Approp 8,500

9.COST ESTIMATES

ITEM	UM (M/E)	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITY				7,399
Vehicle Maint/Refuel Area	m2 (SF)	1,589 (17,100)	908.37	(1,443)
Chemical Support Building	m2 (SF)	809.19 (8,710)	2,406	(1,947)
Access Control Facilities	m2 (SF)	41.81 (450)	2,780	(116)
Expand Security Control Buildin	m2 (SF)	131.55 (1,416)	3,333	(438)
Access Road	m2 (SY)	20,569 (24,600)	42.45	(873)
Total from Continuation page				(2,582)
SUPPORTING FACILITIES				2,535
Electric Service	LS	--	--	(474)
Water, Sewer, Gas	LS	--	--	(275)
Paving, Walks, Curbs & Gutters	LS	--	--	(306)
Storm Drainage	LS	--	--	(36)
Site Imp(1,260) Demo( )	LS	--	--	(1,260)
Information Systems	LS	--	--	(171)
Security Barricades/Controls	LS	--	--	(13)
ESTIMATED CONTRACT COST				9,934
CONTINGENCY PERCENT (.00 %)				
SUBTOTAL				9,934
SUPV, INSP & OVERHEAD (5.70%)				566
TOTAL REQUEST				10,500
TOTAL REQUEST (ROUNDED)				10,500
INSTALLED EQT-OTHER APPROP				(0)

10.Description of Proposed Construction

A multi-year, phased project to construct and expand facilities to support the Chemical Stockpile Disposal Program (CSDP). The FY 2001 budget eliminates all contingency funding. This request is for Increment II ($8.5 million). Increment I (Project Number 33927, $2.0 million) was approved in the FY 2000 MILCON program. Construct chemical support buildings for a laundry, employee change area, showers, break area, equipment issue, protective clothing inspection and testing, and restroom; access control facility; and a vehicle maintenance and refueling area for transport vehicles and operational equipment, refueling of transport vehicles, battery recharge for operating equipment, and covered overnight parking. Expand the existing security control building within the restricted area. Construct an access road and widen/improve interior roads of the storage area. Supporting facilities include extending utilities that support the demilitarization plant to the support buildings; paving; fire protection and alarm systems; security fencing, gates, and barricades; parking; storm drainage; information systems; and site improvements. Heating will be provided by a self-contained, gas-fired boiler. Air conditioning (40 tons) will be provided by a self-contained system. Mechanical ventilation in the chemical support building will be provided. Supporting costs are high due to the remote location which requires lengthy utility runs.

1.COMPONENT	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		08 FEB 2000

3.INSTALLATION AND LOCATION

Blue Grass Army Depot, Kentucky

4.PROJECT TITLE	5.PROJECT NUMBER
Ammunition Demilitarization Support Ph II	53376

9. COST ESTIMATES (CONTINUED)

Item	UM (M/E)	QUANTITY	Unit COST	Cost ($000)
PRIMARY FACILITY (CONTINUED)				
Widen Roads - Storage Area	m2 (SY)	30,351 (36,300)	49.68	(1,508)
Upgrade Roads - Storage Area	m2 (SY)	60,703 (72,600)	16.77	(1,018)
Building Information Systems	LS	--	--	(56)
			Total	2,582

11. REQ: 2,570 m2 ADQT: NONE SUBSTD: NONE

PROJECT: Construct and improve support facilities, utilities, and roads for the Chemical Stockpile Disposal Program. (New Mission)

REQUIREMENT: This project is required to support the demilitarization and disposal of the toxic chemical agents and munitions stored at Blue Grass Army Depot. Congress has mandated the disposal of the existing unitary chemical stockpile, to ensure that the CSDP can be implemented and completed within the Congressionally established timeframe.

CURRENT SITUATION: Currently, no facilities at Blue Grass are capable of supporting the operations of the Chemical Stockpile Disposal Facility.

IMPACT IF NOT PROVIDED: If this project is not provided, the installation will be unable to support or sustain the demilitarization of the toxic agents stored there. Congressionally mandated timeframes for the disposal of these agents will not be met.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and all required physical security measures are included. Also, no anti-terrorism/force protection measures are required.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

(a) Date Design Started..... NOV 1991

(b) Percent Complete As Of January 2000..... 100.00

(c) Date 35% Designed..... AUG 1992

(d) Date Design Complete..... DEC 1999

(e) Parametric Cost Estimating Used to Develop Costs NO

(f) Type of Design Contract: design-bid-build

(2) Basis:

(a) Standard or Definitive Design: NO

(3) Total Design Cost (c) = (a)+(b) OR (d)+(e): ($000)

(a) Production of Plans and Specifications..... 50

(b) All Other Design Costs..... 20

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

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1.COMPONENT	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		08 FEB 2000

3.INSTALLATION AND LOCATION

Blue Grass Army Depot, Kentucky

4.PROJECT TITLE	5.PROJECT NUMBER
Ammunition Demilitarization Support Ph II	53376

12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

(c) Total Design Cost..... 70

(d) Contract..... 35

(e) In-house..... 35

(4) Contruction Contract Award..... JUL 2001

(5) Construction Start..... SEP 2001

(6) Construction Completion..... SEP 2002

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

Equipment Nomenclature	Procuring Appropriation	Fiscal Year Appropriated Or Requested	Cost ($000)
	NONE		

Installation Engineer: Terry Hazel
Phone Number: 745 654-6328

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1. COMPONENT	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. DATE
ARMY		08 FEB 2000

3. INSTALLATION AND LOCATION	4. COMMAND	5. AREA CONSTRUCTION COST INDEX
Fort Campbell Kentucky	US Army Forces Command	1.06

6. PERSONNEL STRENGTH:

	PERMANENT			STUDENTS			SUPPORTED			
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF 30 SEP 1999	2935	20291	2081	7	143	0	21	156	3879	29,513
B. END FY 2005	2916	20295	1984	9	212	0	23	157	3879	29,475

7. INVENTORY DATA ($000)

A. TOTAL AREA.....	42,520 ha (105,070 AC)	
B. INVENTORY TOTAL AS OF 30 SEP 1999.....		3,410,044
C. AUTHORIZATION NOT YET IN INVENTORY.....		327,154
D. AUTHORIZATION REQUESTED IN THE FY 2001 PROGRAM.....		0
E. AUTHORIZATION INCLUDED IN THE FY 2002 PROGRAM.....		31,150
F. PLANNED IN NEXT THREE YEARS (NEW MISSION ONLY).....		0
G. REMAINING DEFICIENCY.....		144,806
H. GRAND TOTAL.....		3,965,554

8. PROJECTS REQUESTED IN THE FY 2001 PROGRAM:

CATEGORY CODE	PROJECT NUMBER	PROJECT TITLE	COST ($000)	DESIGN STATUS START	DESIGN STATUS COMPLETE
721	52400	Barracks Complex - Market Garden Rd Ph 2C	9,400	10/1998	09/1999
		TOTAL	9,400		

9. FUTURE PROJECTS:

CATEGORY CODE	PROJECT TITLE	COST ($000)
A. INCLUDED IN THE FY 2002 PROGRAM:		
141	Passenger Processing Facility	11,200
721	Barracks Complex - Market Garden Rd Ph 3	43,000
442	Deployment Staging Complex	3,200
113	Expand Keyhold Hardstand Area	10,400
610	Deployment Staging Complex/Air	3,250
610	Deployment Staging Complex/Rail	3,100
	TOTAL	74,150

10. MISSION OR MAJOR FUNCTIONS:

Support and training of an Airborne (Air Assault) Division and other non-divisional support units. Ensure the most efficient utilization of resources to operate the installation and discharge the Fort Campbell area support mission. Ensure that Fort Campbell is prepared for mobilization. Provide command and control, and prepare designated units to rapidly deploy worldwide for the performance of combat, combat support, and combat service support missions as assigned.

1. COMPONENT ARMY	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. DATE 08 FEB 2000

INSTALLATION AND LOCATION: Fort Campbell Kentucky

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:

	($000)
A. AIR POLLUTION	0
B. WATER POLLUTION	0
C. OCCUPATIONAL SAFETY AND HEALTH	0

REMARKS :

The estimated cost to remedy the deficiencies in all existing permanent and semi-permanent facilities at this installation is $516,475,000 based on the Installation Status Report Information on conditions as of October 1999.

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

DD FORM 1 DEC 76 1390C

1.COMPONENT	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		08 FEB 2000

3.INSTALLATION AND LOCATION	4.PROJECT TITLE
Fort Campbell Kentucky	Barracks Complex - Market Garden Rd Ph 2C

5.PROGRAM ELEMENT	6.CATEGORY CODE	7.PROJECT NUMBER	8.PROJECT COST ($000)
22696A	721	52400	Auth Approp 9,400

9.COST ESTIMATES

ITEM	UM (M/E)	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITY				33,423
Barracks	m2 (SF)	10,197 (109,759)	1,460	(14,888)
Soldier Community Building	m2 (SF)	1,371 (14,757)	1,442	(1,976)
Company Operations Facilities	m2 (SF)	6,816 (73,365)	1,424	(9,708)
Battalion Headquarters	m2 (SF)	3,981 (42,852)	1,445	(5,753)
IDS Installation	LS	--	--	(46)
Total from Continuation page				(1,052)
SUPPORTING FACILITIES				3,001
Electric Service	LS	--	--	(275)
Water, Sewer, Gas	LS	--	--	(128)
Paving, Walks, Curbs & Gutters	LS	--	--	(917)
Storm Drainage	LS	--	--	(748)
Site Imp(867) Demo( )	LS	--	--	(867)
Information Systems	LS	--	--	(66)
ESTIMATED CONTRACT COST				36,424
CONTINGENCY PERCENT (.00 %)				
SUBTOTAL				36,424
SUPV, INSP & OVERHEAD (5.70%)				2,076
TOTAL REQUEST				38,500
TOTAL REQUEST (ROUNDED)				38,500
INSTALLED EQT-OTHER APPROP				()

10.Description of Proposed Construction

In FY 1999 Congress authorized $34 million and appropriated $7 million. In FY 2000, $22 million was appropriated for the second increment. The FY 2001 budget eliminates all contingency funding. The current request ($9.4 million) is reduced accordingly. The authorization shortfall will be handled pursuant to 10 USC 2853. Construct a standard-design whole barracks renewal complex. This project is the third phase of three phases. This phase includes a barracks, a soldier community building, battalion headquarters, and nine company operations facilities. Barracks include living/sleeping rooms, semi-private baths, walk-in closets, bulk storage and service areas. Anti-terrorism/force protection measures include laminated glass and sitework. Install an intrusion detection system (IDS). Connect energy monitoring and control systems (EMCS). Supporting facilities include utilities; electric service; fire protection and alarm systems; paving, walks, curbs and gutters; parking; access roads; storm drainage; information systems; and site improvements. Access for the handicapped will be provided in administrative areas. Heating will be provided by gas-fired units and air conditioning (570 tons) by self-contained units. Comprehensive building and furnishings related interior design services are required.

1.COMPONENT	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		08 FEB 2000

3.INSTALLATION AND LOCATION

Fort Campbell, Kentucky

4.PROJECT TITLE	5.PROJECT NUMBER
Barracks Complex - Market Garden Rd Ph 2C	52400

9. COST ESTIMATES (CONTINUED)

Item	UM (M/E)	QUANTITY	Unit COST	Cost ($000)
PRIMARY FACILITY (CONTINUED)				
EMCS Connection	LS	--	--	(144)
Antiterrorism Force Protection	LS	--	--	(205)
Building Information Systems	LS	--	--	(703)
			Total	1,052

11. REQ: 7,273 PN ADQT: 4,627 PN SUBSTD: 2,646 PN

PROJECT: Construct a standard-design barracks complex, soldier community building, battalion headquarters, and company operations facilities. (Current Mission)

REQUIREMENT: This project is required to provide barracks, company operations, and soldier community facilities. Maximum utilization for the complex is 672 soldiers, intended utilization is 609 enlisted personnel.

CURRENT SITUATION: Soldiers are living in inadequate Korean War-era barracks that do not provide the minimum square footage required by current Army standards. These barracks have gang latrines, deteriorating heating and cooling systems, and undersized sewage drains that overflow into showers, hallways, and living quarters. These barracks do not have heat and smoke detectors or provide adequate security for soldiers' personal and military issue items.

IMPACT IF NOT PROVIDED: If this project is not provided, single soldiers stationed at Fort Campbell will continue to live in barracks which lack authorized living space, properly functioning heating and cooling systems, adequately sized utilities, safety and security components. Soldiers will not have facilities that provide security, privacy and comfort.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and all required physical security measures are included. Also, all anti-terrorism/force protection measures are included. This budget estimate was based on a completed design. An economic analysis has been prepared and was utilized in evaluating this project. This is the most cost effective method to satisfy this requirement. During the past two years, $5.6 million has been spent on Real Property Maintenance for unaccompanied enlisted personnel housing at Fort Campbell. Upon completion of this project, the remaining unaccompanied enlisted permanent party deficit is 2,534 personnel at this installation.

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

DD FORM 1 DEC 76 1391C

1.COMPONENT	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		08 FEB 2000

3.INSTALLATION AND LOCATION

Fort Campbell, Kentucky

4.PROJECT TITLE	5.PROJECT NUMBER
Barracks Complex - Market Garden Rd Ph 2C	52400

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

(a) Date Design Started..... OCT 1998
(b) Percent Complete As Of January 2000..... 100.00
(c) Date 35% Designed..... MAY 1998
(d) Date Design Complete..... SEP 1999
(e) Parametric Cost Estimating Used to Develop Costs NO
(f) Type of Design Contract: design-bid-build

(2) Basis:

(a) Standard or Definitive Design: YES
(b) Where Most Recently Used:
Fort Campbell

(3) Total Design Cost (c) = (a)+(b) OR (d)+(e): ($000)

(a) Production of Plans and Specifications..... 1,950
(b) All Other Design Costs..... 780
(c) Total Design Cost..... 2,730
(d) Contract..... 2,340
(e) In-house..... 390

(4) Contruction Contract Award..... APR 2000

(5) Construction Start..... JUN 2000

(6) Construction Completion..... OCT 2003

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

Equipment Nomenclature	Procuring Appropriation	Fiscal Year Appropriated Or Requested	Cost ($000)
	NA		

Installation Engineer: COL James De Long, EN
Phone Number: 502 798-8980

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1. COMPONENT	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. DATE
ARMY		08 FEB 2000

3. INSTALLATION AND LOCATION	4. COMMAND	5. AREA CONSTRUCTION COST INDEX
Fort Knox Kentucky	US Army Training and Doctrine Command	1.05

6. PERSONNEL STRENGTH:

	PERMANENT			STUDENTS			SUPPORTED			
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF 30 SEP 1999	1117	6380	2806	376	7181	0	66	189	5162	23,277
B. END FY 2005	1095	5972	2556	456	9098	0	79	194	5162	24,612

7. INVENTORY DATA ($000)

A. TOTAL AREA.....	44,203 ha (109,228 AC)	
B. INVENTORY TOTAL AS OF 30 SEP 1999.....		2,801,447
C. AUTHORIZATION NOT YET IN INVENTORY.....		99,163
D. AUTHORIZATION REQUESTED IN THE FY 2001 PROGRAM.....		0
E. AUTHORIZATION INCLUDED IN THE FY 2002 PROGRAM.....		0
F. PLANNED IN NEXT THREE YEARS (NEW MISSION ONLY).....		0
G. REMAINING DEFICIENCY.....		42,103
H. GRAND TOTAL.....		2,951,163

8. PROJECTS REQUESTED IN THE FY 2001 PROGRAM:

CATEGORY CODE	PROJECT NUMBER	PROJECT TITLE	COST ($000)	DESIGN START	STATUS COMPLETE
178	52460	Multipurpose Digital Training Range Ph III	8,450	10/1998	07/1999
		TOTAL	8,450		

9. FUTURE PROJECTS:

CATEGORY CODE	PROJECT TITLE	COST ($000)

A. INCLUDED IN THE FY 2002 PROGRAM: NONE

B. PLANNED NEXT THREE PROGRAM YEARS (NEW MISSION ONLY): NONE

10. MISSION OR MAJOR FUNCTIONS:

Fort Knox houses the following: Headquarters Fort Knox, USA Armor School, 1st and 4th Training Brigades, USAARMC Headquarters Commandant/Commander of Troops, 12th Cavalry Regiment, 194th Armored Task Force, Fort Knox MEDDAC, Fort Knox DENTAC, 46th AG Battalion(Reception), US Army Research Institute, Armor Research and Development Activity, U.S. Army Second ROTC Region, U.S. Army ROTC Cadet Command, USA Readiness Group Knox, Training Group, U.S. Army Information System Command, Logistical Assistance and Protection of Gold Depository, Det 5, 5th Weather Squadron (USAF), USA NCO Academy/Drill Sergeant School, U.S. Army Legal Services Agency, AMC Logistic Assistance Office - Fort Knox, Fort Knox District, Third Region, USACIDC, TRADOC Management Engineering Agency, U.S. Army TMDE Support Operation, Summer Training, Reserve and National Guard Training Support, Support of Civilian Components.

1. COMPONENT ARMY	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. DATE 08 FEB 2000

INSTALLATION AND LOCATION: Fort Knox Kentucky

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:

	($000)
A. AIR POLLUTION	0
B. WATER POLLUTION	0
C. OCCUPATIONAL SAFETY AND HEALTH	0

REMARKS :

The estimated cost to remedy the deficiencies in all existing permanent and semi-permanent facilities at this installation is $397,564,000 based on the Installation Status Report Information on conditions as of October 1999.

PREVIOUS EDITIONS MAY BE USED INTERNALLY
UNTIL EXHAUSTED

DD FORM 1 DEC 76 1390C

1.COMPONENT	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		08 FEB 2000

3.INSTALLATION AND LOCATION	4.PROJECT TITLE
Fort Knox Kentucky	Multipurpose Digital Training Range Ph III

5.PROGRAM ELEMENT	6.CATEGORY CODE	7.PROJECT NUMBER	8.PROJECT COST ($000)
85796A	178	52460	Auth Approp 8,450

9.COST ESTIMATES

ITEM	UM (M/E)	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITY				19,541
Multi-Purp Digital Trng Range	LS	--	--	(19,137)
Erosion Control	LS	--	--	(396)
IDS Installation	LS	--	--	(8)
SUPPORTING FACILITIES				1,746
Electric Service	LS	--	--	(466)
Water, Sewer, Gas	LS	--	--	(561)
Paving, Walks, Curbs & Gutters	LS	--	--	(599)
Site Imp(113) Demo(8)	LS	--	--	(120)
ESTIMATED CONTRACT COST				21,287
CONTINGENCY PERCENT (.00 %)				
SUBTOTAL				21,287
SUPV, INSP & OVERHEAD (5.70%)				1,213
TOTAL REQUEST				22,500
TOTAL REQUEST (ROUNDED)				22,500
INSTALLED EQT-OTHER APPROP				()

10.Description of Proposed Construction

This project provides funding to complete the $23 million three-phased construction project. In FY 1999, Congress authorized $23 million and appropriated $7 million (Project Number 45236) for Phase I. In FY 2000, Congress appropriated an additional $7 million (Project Number 51681) for Phase II. The FY 2001 budget eliminates all contingency funding. The current request ($8.45 million) is reduced accordingly. Modernize and upgrade Wilcox Tank Range to a multi-purpose digital training Range (MPDTR) with one lane (two firing trails). Primary facilities include all construction within the perimeter of the range complex and consist of 60 stationary and six armor moving targets, 100 stationary and 25 moving infantry targets, 25 infantry hostile fire simulators, six defilade positions, control and After Action Review building, restroom, ammunition breakdown building, bleacher enclosure, ammunition dock, covered mess, vehicle storage and maintenance area, vehicle staging area, electrical and data distribution system, control systems and instrumentation, tank trails, target maintenance roads, limit markers, flagpole with beacon, storm drainage, erosion control, waste oil storage, oil and water separator, and fire protection system. Install an intrusion detection system (IDS). Heating and air conditioning (12 tons) for the control and AAR building will be provided by self-contained systems. Mechanical ventilation: 4,000 CFM. Supporting facilities include primary electrical

1.COMPONENT	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		08 FEB 2000

3.INSTALLATION AND LOCATION

Fort Knox, Kentucky

4.PROJECT TITLE	5.PROJECT NUMBER
Multipurpose Digital Training Range Ph III	52460

DESCRIPTION OF PROPOSED CONSTRUCTION: (CONTINUED)
service; secondary electrical service, security lighting, parking, access road improvements, water distribution lines, security fencing, range gates, information systems, site improvements. Demolish two buildings (33 m2) within the footprint of this project.

---

11. REQ: 1 EA ADQT: NONE SUBSTD: NONE
PROJECT: Modernize and upgrade Wilcox Tank Range to a new standard-design Multi-Purpose Digital Training Range (MPDTR). (Current Mission)
REQUIREMENT: This project is required to provide modern training capabilities supporting known gunnery tasks for the Armor School and non-resident Active Duty, Reserve and National Guard Forces employing state-of-the-art primary weapons systems. The range will support modern tank, M1A2 SEP Abrams series armor vehicle, Bradley and helicopter crew qualification gunnery, and a demanding dismounted Infantry Squad Battle Course. This range will provide the ground space needed to support the extended engagement ranges consistent with the reality of an Armor threat environment and will train the mounted force in the "near in fight" associated to engagements within restricted terrain. The location and organization of this facility provide a stand alone gunnery range, and/or a unique facility complimenting the Mounted Urban Combat Training Site supporting training within restricted terrain. Range support facilities will include the necessary communications equipment to support the new digital gunnery doctrine.
CURRENT SITUATION: Existing facilities cannot support current and future light/heavy armor standard tank live-fire training requirements for the M1 series tank and the M2/M3 Bradley Fighting Vehicle as required. In addition, no training facilities exist for attack helicopter aerial gunnery training. The need is currently being met through modified and degraded tank and aerial gunnery standards of firing on existing tank ranges and training areas. Additionally, no facilities exist which exercises the digitized battlefield requirements of training to the reality of today’s live training environment. This range will support Armor Crewman Non-commissioned Officer (NCO) Advanced Course (ANCOC), Basic NCO Course (BNCOC), Scout Commander Certification Course (SCCC), Tank Commander Certification Course (TCCC), Master Gunner (MG) Course, Armor Officer Basic (AOB) Course, Armor Officer Basic - Reserve Component (AOB-RC), Armor Officer Advance Course (AOAC), Armor Officer Advance Course-Reserve Component (ACOC-RC), Third Class Combined Arms Training (TCCAT), Pre-Command Course (PCC), OSUT (Armor Crewman), and Marines OSUT. Fort Knox, as the "Home of Armor and Cavalry", must provide for these needs to support readiness of our forces to meet current and future deployment demands.
IMPACT IF NOT PROVIDED: If this project is not provided, there will be a continuation of major training shortfalls for the Active Army, Army Reserve, and National Guard units training at Fort Knox. The mounted force cannot step forward to meet the realities of current and future deployments without a training facility aligned to readiness for this mission. Support of armor

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED
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1.COMPONENT	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		08 FEB 2000

3.INSTALLATION AND LOCATION

Fort Knox, Kentucky

4.PROJECT TITLE	5.PROJECT NUMBER
Multipurpose Digital Training Range Ph III	52460

IMPACT IF NOT PROVIDED: (CONTINUED)
Combined Arms Training Strategy (CATS), Regional Training Center (RTC), and readiness of the Armor force will be severely impaired. These various units will continue to train with little or no hope of attaining the degree of proficiency required for combat.
ADDITIONAL: This project has been coordinated with the installation physical security plan, and all required physical security measures are included. Also, no anti-terrorism/force protection measures are required. An economic analysis has been prepared and utilized in evaluating this project. This is the most cost effective method to satisfy this requirement.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

(a) Date Design Started..... OCT 1998
(b) Percent Complete As Of January 2000..... 100.00
(c) Date 35% Designed..... FEB 1999
(d) Date Design Complete..... JUL 1999
(e) Parametric Cost Estimating Used to Develop Costs NO
(f) Type of Design Contract: design-bid-build

(2) Basis:

(a) Standard or Definitive Design: YES
(b) Where Most Recently Used:
Fort Knox

(3) Total Design Cost (c) = (a)+(b) OR (d)+(e): ($000)

(a) Production of Plans and Specifications..... 1,225
(b) All Other Design Costs..... 238
(c) Total Design Cost..... 1,463
(d) Contract..... 1,302
(e) In-house..... 161

(4) Contruction Contract Award..... DEC 2000

(5) Construction Start..... FEB 2001

(6) Construction Completion..... DEC 2002

1.COMPONENT	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		08 FEB 2000

3.INSTALLATION AND LOCATION

Fort Knox, Kentucky

4.PROJECT TITLE	5.PROJECT NUMBER
Multipurpose Digital Training Range Ph III	52460

12. SUPPLEMENTAL DATA: (CONTINUED)

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

Equipment Nomenclature	Procuring Appropriation	Fiscal Year Appropriated Or Requested	Cost ($000)
	NA		

Installation Engineer: COL Phillip M. Jones
Phone Number: 502 624-2151

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

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DEPARTMENT OF THE ARMY
FISCAL YEAR 2001
MILITARY CONSTRUCTION (PART I)
(DOLLARS ARE IN THOUSANDS)

STATE	PROJECT NUMBER	INSTALLATION (COMMAND) / PROJECT TITLE	AUTHORIZATION REQUEST	APPROPRIATION REQUEST	NEW/ CURRENT MISSION	PAGE
Maryland		Aberdeen Proving Ground (AMC)				121
	50053	Ammunition Demilitarization Fac Ph III	0	45,700	N	123
	52768	Munitions Assessment/Processing Sys Fac	3,100	3,100	C	127
		Subtotal Aberdeen Proving Ground PART I	$ 3,100	48,800		
		* TOTAL MCA FOR Maryland	$ 3,100	48,800		

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1. COMPONENT	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. DATE
ARMY		08 FEB 2000

3. INSTALLATION AND LOCATION	4. COMMAND	5. AREA CONSTRUCTION COST INDEX
Aberdeen Proving Ground Maryland	US Army Materiel Command	0.90

6. PERSONNEL STRENGTH:

	PERMANENT			STUDENTS			SUPPORTED			
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF 30 SEP 1999	564	2003	6795	184	2489	34	15	177	3249	15,510
B. END FY 2005	541	1924	5454	174	2508	24	15	186	3996	14,822

7. INVENTORY DATA ($000)

A. TOTAL AREA.....	29,346 ha (72,516 AC)	
B. INVENTORY TOTAL AS OF 30 SEP 1999.....		2,542,373
C. AUTHORIZATION NOT YET IN INVENTORY.....		16,072
D. AUTHORIZATION REQUESTED IN THE FY 2001 PROGRAM.....		3,100
E. AUTHORIZATION INCLUDED IN THE FY 2002 PROGRAM.....		0
F. PLANNED IN NEXT THREE YEARS (NEW MISSION ONLY).....		0
G. REMAINING DEFICIENCY.....		229,543
H. GRAND TOTAL.....		2,888,538

8. PROJECTS REQUESTED IN THE FY 2001 PROGRAM:

CATEGORY CODE	PROJECT NUMBER	PROJECT TITLE	COST ($000)	DESIGN STATUS START	DESIGN STATUS COMPLETE
216	50053	Ammunition Demilitarization Fac Ph III	45,700	03/1997	11/2000
216	52768	Munitions Assessment/Processing Sys Fac	3,100	10/1998	06/2000
		TOTAL	48,800		

9. FUTURE PROJECTS:

CATEGORY CODE	PROJECT TITLE	COST ($000)
A. INCLUDED IN THE FY 2002 PROGRAM:		
216	Ammunition Demilitarization Fac Ph IV	51,750
	TOTAL	51,750

B. PLANNED NEXT THREE PROGRAM YEARS (NEW MISSION ONLY): NONE

10. MISSION OR MAJOR FUNCTIONS:

The Aberdeen Area of Aberdeen Proving Ground serves as the location of the installation headquarters. The focus of major missions undertaken at the installation include basic research, testing and evaluation of ordnance and equipment, and the training of military personnel in supply and maintenance of ordnance and equipment. The Edgewood Area of Aberdeen Proving Ground provides research and development in the chemical, biological, and radiological areas.

1. COMPONENT ARMY	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. DATE 08 FEB 2000

INSTALLATION AND LOCATION: Aberdeen Proving Ground Maryland

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:

	($000)
A. AIR POLLUTION	0
B. WATER POLLUTION	0
C. OCCUPATIONAL SAFETY AND HEALTH	0

REMARKS :

The estimated cost to remedy the deficiencies in all existing permanent and semipermanent facilities at this installation is $433,988.00, based on the Installation Status Report Information on conditions as of October 1999.

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

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1.COMPONENT	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		08 FEB 2000

3.INSTALLATION AND LOCATION	4.PROJECT TITLE
Aberdeen Proving Ground Maryland	Ammunition Demilitarization Fac Ph III

5.PROGRAM ELEMENT	6.CATEGORY CODE	7.PROJECT NUMBER	8.PROJECT COST ($000)
78007A	216	50053	Auth Approp 45,700

9.COST ESTIMATES

ITEM	UM (M/E)	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITY				118,915
Chemical Demilitarization Bldg	m2 (SF)	6,624 (71,300)	9,487	(62,841)
Process Auxiliary Bldg	m2 (SF)	2,552 (27,470)	4,285	(10,936)
Utility Bldg	m2 (SF)	1,425 (15,335)	4,607	(6,563)
Biotreatment Chemical Bldg	m2 (SF)	680.05 (7,320)	3,642	(2,477)
Waste Solidification Bldg	m2 (SF)	537.91 (5,790)	3,814	(2,052)
Total from Continuation page				(34,046)
SUPPORTING FACILITIES				48,966
Electric Service	LS	--	--	(11,263)
Water, Sewer, Gas	LS	--	--	(13,846)
Paving, Walks, Curbs & Gutters	LS	--	--	(2,448)
Storm Drainage	LS	--	--	(3,079)
Site Imp(12,812) Demo( )	LS	--	--	(12,812)
Information Systems	LS	--	--	(1,200)
Other	LS	--	--	(4,318)
ESTIMATED CONTRACT COST				167,881
CONTINGENCY PERCENT (.00 %)				
SUBTOTAL				167,881
SUPV, INSP & OVERHEAD (5.70%)				9,569
TOTAL REQUEST				177,450
TOTAL REQUEST (ROUNDED)				177,450
INSTALLED EQT-OTHER APPROP				(113,775)

10.Description of Proposed Construction

Construct a Chemical Stockpile Disposal Program (CSDP) facility using incremental appropriations which are split over more than one fiscal year. The FY 2001 budget eliminates all contingency funding. This request is for Increment III ($45.7 million). Increment I (PN 50051, $26.5 million) was approved in FY 99, and Increment II Project Number (PN) 50052, $53.5 million) was approved in the FY 2000 MILCON program, and Increment IV (PN 50054, $51.75 million) is planned for FY 2002. The Army requests advanced appropriation for $51.75 million. This project, at full authorization and appropriation, will provide for the design and construction of facilities to be used for pilot testing an alternative to incineration. The technology to be implemented at Aberdeen Proving Ground is neutralization followed by biodegradation. Changes are anticipated during pilot operations due to the Research and Development nature of this one-of-a kind prototype process plant and the optimization required prior to commencing full production operations. Work includes a chemical demilitarization building (CDB); a process auxiliary building; a filter farm building; a utility building; a personnel and maintenance facility with change rooms, maintenance storage and a medical treatment area; process support and administrative building; chemical analysis laboratory; an entry control facility; a biotreatment chemical building; a waste solidification building; a standby

1.COMPONENT	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		08 FEB 2000

3.INSTALLATION AND LOCATION

Aberdeen Proving Ground, Maryland

4.PROJECT TITLE	5.PROJECT NUMBER
Ammunition Demilitarization Fac Ph III	50053

9. COST ESTIMATES (CONTINUED)

Item	UM (M/E)	QUANTITY		Unit COST	Cost ($000)
PRIMARY FACILITY (CONTINUED)					
Filter Farm Bldg.	m2 (SF)	1,908	(20,535)	2,860	(5,457)
Personnel and Maintenance Bldg	m2 (SF)	1,735	(18,680)	3,400	(5,901)
Laboratory Bldg	m2 (SF)	880.26	(9,475)	9,029	(7,948)
Personnel Support Bldg	m2 (SF)	1,170	(12,590)	2,573	(3,010)
Entry Control Facility	m2 (SF)	124.49	(1,340)	11,683	(1,454)
Ultraviolet Oxidation Bldg	m2 (SF)	230.40	(2,480)	3,906	(900)
Warehouse	m2 (SF)	2,601	(28,000)	1,045	(2,719)
Biotreatment Area	LS		--	--	(2,778)
IDS Installation	LS		--	--	(1,172)
Building Information Systems	LS		--	--	(2,707)
				Total	34,046

DESCRIPTION OF PROPOSED CONSTRUCTION: (CONTINUED)
diesel generator building; and an ultraviolet oxidation building. Features include fire protection, a cascading heating, ventilation, and air conditioning (HVAC) system with airlocks for agent containment, air filtration, toxic chemical resistive coatings and surfaces. Install an intrusion detection system (IDS). Supporting facilities include utilities, electric service with an electrical substation, standby electric generators, information systems, security fencing and lighting, storm drainage, paving walks, curbs and gutters, and site improvements. Heating will be provided by a gas-fired central system; air conditioning will be provided by self contained units.

11. REQ: 2,470 m2 ADQT: NONE SUBSTD: NONE

PROJECT: Design and Construct a toxic chemical agent destruction facility. (New Mission)

REQUIREMENT: This project is required to destroy toxic chemical agent stored at Aberdeen Proving Ground in a safe, environmentally acceptable manner. Congress has mandated the disposal of the existing unitary chemical stockpile under Public Laws 99-145, 99- 661 and 100-180. The Army submitted an implementation plan to Congress in March 1988 in response to a specific Congressional request, which cites this facility as an integral and essential part of the chemical stockpile disposal program.

CURRENT SITUATION: Containers (1 ton) holding lethal chemical agents are stored outside at the installation. These are of no strategic value but they must be safely stored and inspected to ensure that there is no risk to the public or the environment. The monitoring and surveillance costs for safe storage continue to accrue. No other acceptable disposal facilities are available.

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED
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1.COMPONENT	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		08 FEB 2000

3.INSTALLATION AND LOCATION

Aberdeen Proving Ground, Maryland

4.PROJECT TITLE	5.PROJECT NUMBER
Ammunition Demilitarization Fac Ph III	50053

IMPACT IF NOT PROVIDED: If this project is not approved, the Army will not be able to comply with the Congressional mandate for chemical munitions stockpile disposal. Also, maintenance and surveillance costs will continue to grow as the agents and containers deteriorate with age. The threat to the health of APG employees and to the environment will continue.
ADDITIONAL: Estimates are based upon the best available data. Costs are adjusted for risk associated with design and construction of first-of-a-kind process plant. This project has been coordinated with the installation physical security plan, and all required physical security measures are included. Also, no anti-terrorism/force protection measures are required.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

(a) Date Design Started..... MAR 1997
(b) Percent Complete As Of January 2000..... 50.00
(c) Date 35% Designed..... APR 1997
(d) Date Design Complete..... NOV 2000
(e) Parametric Cost Estimating Used to Develop Costs NO
(f) Type of Design Contract: design-build

(2) Basis:

(a) Standard or Definitive Design: NO

(3) Total Design Cost (c) = (a)+(b) OR (d)+(e): ($000)

(a) Production of Plans and Specifications..... 685
(b) All Other Design Costs..... 95
(c) Total Design Cost..... 780
(d) Contract..... 95
(e) In-house..... 685

(4) Contruction Contract Award..... OCT 1998

(5) Construction Start..... JUN 1999

(6) Construction Completion..... APR 2002

1.COMPONENT	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		08 FEB 2000

3.INSTALLATION AND LOCATION

Aberdeen Proving Ground, Maryland

4.PROJECT TITLE	5.PROJECT NUMBER
Ammunition Demilitarization Fac Ph III	50053

12. SUPPLEMENTAL DATA: (CONTINUED)

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

Equipment Nomenclature	Procuring Appropriation	Fiscal Year Appropriated Or Requested	Cost ($000)
Equipment Procurement	CAMDD	1999	31,067
Equipment Procurement	CAMDD	2000	29,404
Equipment Procurement	CAMDD	2001	19,199
Equipment Procurement	CAMDD	2002	22,957
Equipment Procurement	CAMDD	2003	11,148
		TOTAL	113,775

Installation Engineer: LTC Thomas Kuchar
Phone Number: DSN 298-1105

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

DD FORM 1 DEC 76 1391C

1.COMPONENT	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		08 FEB 2000

3.INSTALLATION AND LOCATION	4.PROJECT TITLE
Aberdeen Proving Ground Maryland	Munitions Assessment/Processing Sys Fac

5.PROGRAM ELEMENT	6.CATEGORY CODE	7.PROJECT NUMBER	8.PROJECT COST ($000)
78007A	216	52768	Auth 3,100 Approp 3,100

9.COST ESTIMATES

ITEM	UM (M/E)	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITY				1,945
MAPS Facility	m2 (SF)	1,067 (11,480)	1,819	(1,940)
Building Information Systems	LS	--	--	(5)
SUPPORTING FACILITIES				974
Electric Service	LS	--	--	(248)
Water, Sewer, Gas	LS	--	--	(131)
Paving, Walks, Curbs & Gutters	LS	--	--	(336)
Storm Drainage	LS	--	--	(43)
Site Imp(211) Demo( )	LS	--	--	(211)
Information Systems	LS	--	--	(5)
ESTIMATED CONTRACT COST				2,919
CONTINGENCY PERCENT (.00 %)				
SUBTOTAL				2,919
SUPV, INSP & OVERHEAD (5.70%)				166
TOTAL REQUEST				3,085
TOTAL REQUEST (ROUNDED)				3,100
INSTALLED EQT-OTHER APPROP				(11,641)

10.Description of Proposed Construction Construct a facility to house a Munitions Assessment and Processing System (MAPS) for Non-Stockpile Chemical Materiel and APG Garrison Division of Safety Health and the Environment. Provide a process room with poured concrete walls capable of providing shielding from reflected X-rays, and special sealed floor for secondary liquid containment of aggressive organic and inorganic liquids. Provide an air lock area for controlled personnel access during agent operations. Provide locker, control, and storage room areas. Provide a concrete slab adjacent to the building for mounting of external MAPS equipment. Supporting facilities include electric service; exterior lighting; paving, walks, curbs and gutters; parking; storm drainage; and site improvements. Upgrade Substation P and feeder circuit to accommodate increased electrical loads. Access for the handicapped will be provided with curbs and sidewalks. Heating and air conditioning will not be provided because these systems are integral equipment included with the MAPS.

11. REQ: 1,067 m2 ADQT: NONE SUBSTD: NONE

PROJECT: Construct a facility to house a Munitions Assessment and Processing System (MAPS) for Non-Stockpile Chemical Materiel. (New Mission)

1.COMPONENT	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		08 FEB 2000

3.INSTALLATION AND LOCATION

Aberdeen Proving Ground, Maryland

4.PROJECT TITLE	5.PROJECT NUMBER
Munitions Assessment/Processing Sys Fac	52768

REQUIREMENT: This project is required to provide a means for the treatment and disposal of explosively-configured chemical and smoke munitions at APG. The facility will house the MAPS which will provide an alternative to the extended storage and emergency open detonation of recovered chemical weapons (RCW) that will result from planned environmental cleanup actions under the Installation Restoration Program (IRP). Changes in local demographics, increased public and political pressures, and the need to cleanup unexploded ordnance (UXO) that may pose a safety threat to Army and civilian populations if not addressed in a timely fashion, warrant the expedited construction of this facility

CURRENT SITUATION: Explosively-configured, waste chemical munitions are currently destroyed via open detonation using overcharges of donor explosives. This methodology is no longer acceptable to the surrounding communities due to serious noise and air emissions concerns. APG land areas and waterways have been utilized for numerous ordnance-related research, development and testing missions since World War I. Millions of munitions and components have been assembled, tested and/or disposed of at Aberdeen Proving Ground (APG) during that time. Included were chemical munitions (principally mustard and phosgene mortar and artillery rounds). Based upon typical World War I and World War II era disposal practices, a substantial number of these munitions are believed to have been buried or abandoned on site. Area population growth and development in northeastern Maryland has been significant in recent years. Unexploded ordnance sites previously remote to area populations now pose potential hazards either due to their accessibility via recreational waterways or their geographic proximity. APG cannot solely rely on storage and open detonations to address the disposal of a potentially large number of waste chemical munitions that may be recovered through the Installation Restoration Program. Limited waste munitions magazine space, blast hazards, noise and the inability to accurately characterize detonation air emissions make this inconceivable under the current APG climate. Local citizen representatives to the APG Restoration Advisory Board continue to press senior Army and elected officials for alternatives to open detonation.

IMPACT IF NOT PROVIDED: If this project is not provided, the APG Installation Restoration Program may not be able to commence/complete programmed remedial actions involving the excavation and disposal of buried munitions in suspect chemical munition firing areas. Continued inaction will increase the likelihood of inadvertent chemical munition detonations in range areas or in APG’s limited-capacity, waste munitions storage magazine. The 1996 deflagration of a waste smoke munition held in the waste munition storage magazine prompted Army ordnance experts to open detonate 14 deteriorated, waste chemical munitions and over 200, waste smoke munitions. Small quantities of chemical agent released during the event did not leave the exclusion zone based on conservative modeling; however, public reaction was strongly negative. Criticism of the Army from local citizens and political leaders will likely increase as a result of the Army s inability to solve the problem of

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IMPACT IF NOT PROVIDED: (CONTINUED)
treating explosively configured chemical munitions within an enclosed, environmentally sound system.
ADDITIONAL: This project has been coordinated with the installation physical security plan, and all required physical security and/or combating terrorism (CBT/T) measures are included.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

(a) Date Design Started..... OCT 1998
(b) Percent Complete As Of January 2000..... 60.00
(c) Date 35% Designed..... SEP 1999
(d) Date Design Complete..... JUN 2000
(e) Parametric Cost Estimating Used to Develop Costs YES
(f) Type of Design Contract: design-bid-build

(2) Basis:

(a) Standard or Definitive Design: NO

(3) Total Design Cost (c) = (a)+(b) OR (d)+(e): ($000)

(a) Production of Plans and Specifications..... 132
(b) All Other Design Costs..... 149
(c) Total Design Cost..... 281
(d) Contract..... 184
(e) In-house..... 97

(4) Contruction Contract Award..... MAR 2001

(5) Construction Start..... APR 2001

(6) Construction Completion..... SEP 2002

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

Equipment Nomenclature	Procuring Appropriation	Fiscal Year Appropriated Or Requested	Cost ($000)
Glove Box System	CAMDD	2001	357
Negative Pressure System	CAMDD	2001	297
Valves, Tanks, Pumps	CAMDD	2001	251
Air Monitoring System	CAMDD	2001	197
Control Room Equipment	CAMDD	2001	143

1.COMPONENT	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		08 FEB 2000

3.INSTALLATION AND LOCATION

Aberdeen Proving Ground, Maryland

4.PROJECT TITLE	5.PROJECT NUMBER
Munitions Assessment/Processing Sys Fac	52768

12. SUPPLEMENTAL DATA: (CONTINUED)

Explosive Containment Chamber	CAMDD	2001	740
Installation/Start-up	CAMDD	2001	9,655
Info Sys - ISC	OPA	2001	1
		TOTAL	11,641

Installation Engineer: LTC Thomas Kuchar
Phone Number: DSN 298-1105

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

DD FORM 1 DEC 76 1391C

DEPARTMENT OF THE ARMY
FISCAL YEAR 2001
MILITARY CONSTRUCTION (PART I)
(DOLLARS ARE IN THOUSANDS)

STATE	PROJECT NUMBER	INSTALLATION (COMMAND) / PROJECT TITLE	AUTHORIZATION REQUEST	APPROPRIATION REQUEST	NEW/ CURRENT MISSION	PAGE
Missouri		Fort Leonard Wood (TRADOC)				133
	47051	Basic Training Complex Ph1A	61,200	38,600	C	135
		Subtotal Fort Leonard Wood PART I	$ 61,200	38,600		
		* TOTAL MCA FOR Missouri	$ 61,200	38,600		

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1. COMPONENT	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. DATE
ARMY		08 FEB 2000

3. INSTALLATION AND LOCATION	4. COMMAND	5. AREA CONSTRUCTION COST INDEX
Fort Leonard Wood Missouri	US Army Training and Doctrine Command	1.06

6. PERSONNEL STRENGTH:

	PERMANENT			STUDENTS			SUPPORTED			
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF 30 SEP 1999	823	4197	1828	584	14593	81	27	754	1909	24,796
B. END FY 2005	817	4224	1703	557	13523	98	38	825	1675	23,460

7. INVENTORY DATA ($000)

A. TOTAL AREA..... 25,605 ha (63,270 AC)

B. INVENTORY TOTAL AS OF 30 SEP 1999.....	2,528,627
C. AUTHORIZATION NOT YET IN INVENTORY.....	46,571
D. AUTHORIZATION REQUESTED IN THE FY 2001 PROGRAM.....	38,600
E. AUTHORIZATION INCLUDED IN THE FY 2002 PROGRAM.....	22,600
F. PLANNED IN NEXT THREE YEARS (NEW MISSION ONLY).....	0
G. REMAINING DEFICIENCY.....	49,000
H. GRAND TOTAL.....	2,685,398

8. PROJECTS REQUESTED IN THE FY 2001 PROGRAM:

CATEGORY CODE	PROJECT NUMBER	PROJECT TITLE	COST ($000)	DESIGN START	STATUS COMPLETE
721	47051	Basic Training Complex Ph1A	38,600	09/1999	07/2000
		TOTAL	38,600		

9. FUTURE PROJECTS:

CATEGORY CODE	PROJECT TITLE	COST ($000)
A. INCLUDED IN THE FY 2002 PROGRAM:		
721	Basic Training Complex Ph 2	22,600
	TOTAL	22,600

B. PLANNED NEXT THREE PROGRAM YEARS (NEW MISSION ONLY): NONE

10. MISSION OR MAJOR FUNCTIONS:

Provides support and facilities for a US Army Training Center, US Army Engineer School, US Army Reception Station, Noncomissioned Officer Academy/Drill Sergeant School, US Army Hospital, major combat and combat support forces and other tenant activities. Supports Reserve Components and other satellited activities and units.

1. COMPONENT ARMY	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. DATE 08 FEB 2000

INSTALLATION AND LOCATION: Fort Leonard Wood Missouri

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:

	($000)
A. AIR POLLUTION	0
B. WATER POLLUTION	0
C. OCCUPATIONAL SAFETY AND HEALTH	0

REMARKS :

The estimated cost to remedy the deficiencies in all existing permanent and semi-permanent facilities at this installation is $529,183,000 based on the Installation Status Report Information on conditions as of October 1999.

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

DD FORM 1 DEC 76 1390C

1.COMPONENT	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		08 FEB 2000

3.INSTALLATION AND LOCATION	4.PROJECT TITLE
Fort Leonard Wood Missouri	Basic Training Complex Ph1A

5.PROGRAM ELEMENT	6.CATEGORY CODE	7.PROJECT NUMBER	8.PROJECT COST ($000)
85796A	721	47051	Auth 61,200 Approp 38,600

9.COST ESTIMATES

ITEM	UM (M/E)	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITY				28,736
Company Operations/Barracks	m2 (SF)	10,467 (112,670)	1,206	(12,628)
BN Headquarters & Classrooms	m2 (SF)	2,053 (22,100)	1,554	(3,191)
Dining Facility	m2 (SF)	3,029 (32,600)	2,289	(6,932)
Central Chiller Plant	LS	--	--	(3,834)
EMCS Connection	LS	--	--	(447)
Total from Continuation page				(1,704)
SUPPORTING FACILITIES				7,782
Electric Service	LS	--	--	(602)
Water, Sewer, Gas	LS	--	--	(3,295)
Steam And/Or Chilled Water Dist	LS	--	--	(504)
Paving, Walks, Curbs & Gutters	LS	--	--	(655)
Storm Drainage	LS	--	--	(293)
Site Imp(1,053) Demo( )	LS	--	--	(1,053)
Information Systems	LS	--	--	(1,241)
Antiterrorism/Force Protection	LS	--	--	(139)
ESTIMATED CONTRACT COST				36,518
CONTINGENCY PERCENT (.00 %)				
SUBTOTAL				36,518
SUPV, INSP & OVERHEAD (5.70%)				2,082
TOTAL REQUEST				38,600
TOTAL REQUEST (ROUNDED)				38,600
INSTALLED EQT-OTHER APPROP				()

10.Description of Proposed Construction

This project is phased over two years to construct a standard-design, battalion-size basic training complex for 1,200 trainees with Phase II programmed for FY 2002. Full authorization of $61.2 million is requested in the year of initial appropriation. The Army's plan is to construct both phases as a continuous project using a single construction contract. This phase constructs open-bay billeting space and two company operations for 480 trainees (two Company Operations/Barracks), classrooms, battalion headquarters, and a standard-design dining facility sized to support 800-1,300 soldiers. Connect energy monitoring and control system (EMCS). Install an intrusion detection system (IDS). Supporting facilities include utilities; electric service; street lighting; fire protection and alarm systems; sprinkler system; paving, walks, curbs and gutters; parking and access roads; storm drainage; sanitary sewer; troop formation area; running track; exterior signage; information systems; and site improvements. Heating and hot water will be provided by modular gas boilers. Air conditoning (1,680 tons) will be provided by a central plant facility. Comprehensive interior design services are required. Access for the handicapped will be provided. Site requires increased preparation. Anti-terrorismand force protection measures include security lighting, heavy landscaping, blast berms, and structural/window enhancement.

1.COMPONENT	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		08 FEB 2000

3.INSTALLATION AND LOCATION

Fort Leonard Wood, Missouri

4.PROJECT TITLE	5.PROJECT NUMBER
Basic Training Complex Ph1A	47051

9. COST ESTIMATES (CONTINUED)

Item	UM (M/E)	QUANTITY	Unit COST	Cost ($000)
PRIMARY FACILITY (CONTINUED)				
IDS Installation	LS	--	--	(8)
Antiterrorism/Force Protection	LS	--	--	(373)
Building Information Systems	LS	--	--	(1,323)
			Total	1,704

11. REQ: 10,560 PN ADQT: NONE SUBSTD: 7,920 PN

PROJECT: Construct a battalion sized basic combat training complex for 1,200 trainees. (Current Mission)

REQUIREMENT: Provide a basic training complex to support 1,200 trainees and a working cadre of 100-130.

CURRENT SITUATION: The Army's basic training requirement is projected to increase. Additional facilities must be constructed to accommodate the increased number of soldiers in basic training. Male and female soldiers are currently housed in 1960's era "rolling pin" barracks. Recent Army recruiting trends together with the requirement to implement Gender Integrated Training have resulted in a shortage of Initial Entry Training (IET) troop housing throughout the Army. The Army also increased the course length of Basic Combat Training (BCT) by one week which further increases the pressure on overcrowded facilities. The rolling pin barracks are filled to capacity, forcing Fort Leonard Wood to prepare temporary metal barracks for projected summer surges. The rolling pin barracks lack air conditioning and adequate restroom facilities. The crowded facilities without air conditioning and poor ventilation has resulted in increased upper respiratory infections among the trainees. The soldiers cannot get a good night's rest during July and August due to extreme heat and humidity. This negatively impacts training and results in reduced training effectiveness due to trainees being overtired. Restroom usage must be divided between male and female soldiers causing long lines to toilets, sinks, showers, and changing rooms. Areas for clothes washing and laundry disposition are inadequate. These deficient facilities force trainers to schedule additional personal hygiene periods which ultimately leads to a reduction in valuable training time. This has a negative impact on training, readiness, morale, and soldier recruitment and retention.

IMPACT IF NOT PROVIDED: Current and projected training demands at Fort Leonard Wood have exceeded existing troop housing assets. If basic training complex is not provided, IET soldiers will be placed in overcrowded rolling pin barracks that have been modified to accommodate Gender Integrated Training. Problems of overcrowding and a lack of basic privacy has resulted in high attrition, lower quality of training, increased illness and lost training time. Construction of the basic training complex will allow for a more even

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

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IMPACT IF NOT PROVIDED: (CONTINUED)
distribution of female soldiers and will ease the overcrowding problem in the existing barracks.
ADDITIONAL: This project has been coordinated with the installation physical security plan and all required physical security measures are included. Also, all required anti-terrorism/force protection measures are included. An economic analysis has been prepared and utilized in evaluating this project. This is the most cost effective method to satisfy this requirement. A parametric cost estimate based on project engineering was used to develop this budget estimate. During the past two years, $5 million has been spent on Real Property Maintenance for unaccompanied enlisted personnel housing at Fort Leonard Wood. Upon completion of this project, the remaining trainee deficit is 6,720 personnel at this installation.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

(a) Date Design Started..... SEP 1999
(b) Percent Complete As Of January 2000..... 35.00
(c) Date 35% Designed..... NOV 1999
(d) Date Design Complete..... JUL 2000
(e) Parametric Cost Estimating Used to Develop Costs YES
(f) Type of Design Contract: design-bid-build
(g) An energy study and life cycle cost analysis will be documented during the final design.

(2) Basis:

(a) Standard or Definitive Design: YES
(b) Where Most Recently Used:
USACE

(3) Total Design Cost (c) = (a)+(b) OR (d)+(e): ($000)

(a) Production of Plans and Specifications..... 2,340
(b) All Other Design Costs..... 1,260
(c) Total Design Cost..... 3,600
(d) Contract..... 900
(e) In-house..... 2,700

(4) Contruction Contract Award..... DEC 2000

(5) Construction Start..... JAN 2001

(6) Construction Completion..... SEP 2002

1.COMPONENT	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		08 FEB 2000

3.INSTALLATION AND LOCATION

Fort Leonard Wood, Missouri

4.PROJECT TITLE	5.PROJECT NUMBER
Basic Training Complex Ph1A	47051

12. SUPPLEMENTAL DATA: (CONTINUED)

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

Equipment Nomenclature	Procuring Appropriation	Fiscal Year Appropriated Or Requested	Cost ($000)
	NA		

Installation Engineer: LTC HAL K. ALGUIRE
Phone Number: 573-596-0840

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

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DEPARTMENT OF THE ARMY
FISCAL YEAR 2001
MILITARY CONSTRUCTION (PART I)
(DOLLARS ARE IN THOUSANDS)

STATE	PROJECT NUMBER	INSTALLATION (COMMAND) / PROJECT TITLE	AUTHORIZATION REQUEST	APPROPRIATION REQUEST	NEW/ CURRENT MISSION	PAGE
New York		Fort Drum (FORSCOM)				141
	53379	Consolidated Soldier Support Center Ph II	0	10,300	C	143
		Subtotal Fort Drum PART I	$ 0	10,300		
		United States Military Academy (USMA)				147
	53378	Cadet Physical Development Center Ph IIA	0	13,600	C	149
		Subtotal United States Military Academy PART I	$ 0	13,600		
		* TOTAL MCA FOR New York	$ 0	23,900		

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1. COMPONENT	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. DATE
ARMY		08 FEB 2000

3. INSTALLATION AND LOCATION	4. COMMAND	5. AREA CONSTRUCTION COST INDEX
Fort Drum New York	US Army Forces Command	1.10

6. PERSONNEL STRENGTH:

	PERMANENT			STUDENTS			SUPPORTED			
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF 30 SEP 1999	1283	9979	1260	0	62	0	53	256	1322	14,215
B. END FY 2005	1286	10188	1173	0	97	0	58	259	1322	14,383

7. INVENTORY DATA ($000)

A. TOTAL AREA.....	43,564 ha (107,648 AC)	
B. INVENTORY TOTAL AS OF 30 SEP 1999.....		2,553,487
C. AUTHORIZATION NOT YET IN INVENTORY.....		75,848
D. AUTHORIZATION REQUESTED IN THE FY 2001 PROGRAM.....		0
E. AUTHORIZATION INCLUDED IN THE FY 2002 PROGRAM.....		0
F. PLANNED IN NEXT THREE YEARS (NEW MISSION ONLY).....		0
G. REMAINING DEFICIENCY.....		292,023
H. GRAND TOTAL.....		2,931,658

8. PROJECTS REQUESTED IN THE FY 2001 PROGRAM:

CATEGORY CODE	PROJECT NUMBER	PROJECT TITLE	COST ($000)	DESIGN STATUS START	DESIGN STATUS COMPLETE
740	53379	Consolidated Soldier Support Center Ph II	10,300	09/1985	07/2000
		TOTAL	10,300		

9. FUTURE PROJECTS:

CATEGORY CODE	PROJECT TITLE	COST ($000)

A. INCLUDED IN THE FY 2002 PROGRAM: NONE

B. PLANNED NEXT THREE PROGRAM YEARS (NEW MISSION ONLY): NONE

10. MISSION OR MAJOR FUNCTIONS:

Training and support of a Light Infantry Division. Provide support to Reserve Component Training.

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:

	($000)
A. AIR POLLUTION	0
B. WATER POLLUTION	0
C. OCCUPATIONAL SAFETY AND HEALTH	0

1. COMPONENT ARMY	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. DATE 08 FEB 2000

INSTALLATION AND LOCATION: Fort Drum New York

REMARKS :

The estimated cost to remedy the deficiencies in all existing permanent and semipermanent facilities at this installation is $140,560,000, based on the Installation Status Report Information on conditions as of October 1999.

PREVIOUS EDITIONS MAY BE USED INTERNALLY
UNTIL EXHAUSTED

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1.COMPONENT	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		08 FEB 2000

3.INSTALLATION AND LOCATION	4.PROJECT TITLE
Fort Drum New York	Consolidated Soldier Support Center Ph II

5.PROGRAM ELEMENT	6.CATEGORY CODE	7.PROJECT NUMBER	8.PROJECT COST ($000)
22696A	740	53379	Auth Approp 10,300

9.COST ESTIMATES

ITEM	UM (M/E)	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITY				18,391
Consol Sold & Fam Spt Ctr	m2 (SF)	12,263 (131,994)	1,408	(17,265)
IDS Installation	LS	--	--	(21)
Antiterrorism Force Protection	LS	--	--	(119)
Compensatory Wetlands Creation	LS	--	--	(334)
Building Information Systems	LS	--	--	(652)
SUPPORTING FACILITIES				2,706
Electric Service	LS	--	--	(294)
Water, Sewer, Gas	LS	--	--	(193)
Paving, Walks, Curbs & Gutters	LS	--	--	(1,090)
Storm Drainage	LS	--	--	(269)
Site Imp(833) Demo( )	LS	--	--	(833)
Information Systems	LS	--	--	(27)
ESTIMATED CONTRACT COST				21,097
CONTINGENCY PERCENT (.00 %)				
SUBTOTAL				21,097
SUPV, INSP & OVERHEAD (5.70%)				1,203
TOTAL REQUEST				22,300
TOTAL REQUEST (ROUNDED)				22,000
INSTALLED EQT-OTHER APPROP				()

10.Description of Proposed Construction

In FY 2000, Congress authorized this project at $23 million but only appropriated $12 million. The FY 2001 budget eliminates all contingency funding. The current request ($10.3 million) is reduced accordingly. Construct a consolidated soldier and family support center to include welcome center; in/out processing center; offices; 200 person auditorium; conference rooms; computer room; switch node enclosure; library; attorney consultation rooms; courtroom, witness, and jury rooms; judges' chambers; reception areas; and breakroom. Work also includes sprinkler systems; heating, ventilation, and air conditioning (HVAC); plumbing and electrical; and information systems. Install an intrusion detection system (IDS). Supporting facilities include utilities; electric service; fire protection and alarm systems; paving, walks, curbs and gutters; storm drainage; water and sanitary sewers; natural gas distribution system; information systems; and site improvements to include wetlands mitigation. Access for the handicapped will be provided. Heating will be provided by natural gas distribution system. Anti-terrorism/force protection measures include laminated glass and site work.

11. REQ: 1 EA ADQT: NONE SUBSTD: 1 EA

PROJECT: Construct a Consolidated Soldier and Family Support Center. (Current

1.COMPONENT	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		08 FEB 2000

3.INSTALLATION AND LOCATION

Fort Drum, New York

4.PROJECT TITLE	5.PROJECT NUMBER
Consolidated Soldier Support Center Ph II	53379

PROJECT: (CONTINUED)
Mission)
REQUIREMENT: This project is required to consolidate installation staff sections into one facility to provide support services for military personnel, their families, and civilian personnel stationed at Fort Drum. Center will serve as a "one-stop" In/Out Processing Center for soldiers and families arriving and departing Fort Drum. Center will also serve as a central administration center for the Fort Drum garrison. Support services include Public Works Housing Division, Directorate of Contracting, Staff Judge Advocate, Equal Employment Opportunity, Equal Opportunity, Command Audit Section, Inspector General, Civilian Personnel Advisory Center, New York State Department of Motor Vehicles, G1/AG, 10th Soldier Support Battalion (Provisional), Medical Department Activity (MEDDAC) Community Health Nursing Program, MEDDAC Soldier Readiness Center, MEDDAC Tri-care Program, MEDDAC Exceptional Family Member Program, MEDDAC Occupational Health Program, Dental Activity In/Out Processing Section, Directorate of Community Services, Department of Logistics Transportation Section, American Red Cross, Command Safety Office, United States Post Office, and Sprint Telephone service. This consolidation of operations will maximize efficiency, reduce processing time for soldiers, and enable family members and civilian personnel to receive assistance at one location. Approximately 600 civilian, military and contract personnel will work in this facility when completed. Consolidation will greatly affect the quality-of-life for those soldiers, family members, civilians, and others who will use these facilities. World War II facilities currently in use to provide these services will be demolished under the Army’s Facility Reduction program once the center is completed.
CURRENT SITUATION: Currently, military and civilian personnel must travel to many different World War II (WWII) buildings located in the old cantonment area. Currently 8,600+ soldiers in/out process annually. Soldiers in/out processing must be bussed (up to 150 persons at a time) to the various locations throughout the post. Present accomodations are not suited to the large transient loads presented by the in/out process. This is further complicated as soldiers are forced to wait outside buildings during the cold winter months waiting to be processed. The WWII facilities in current use are extremely poor and not conducive to quality customer service. The quality-of-life for those individuals working in these facilities is very poor.
IMPACT IF NOT PROVIDED: If this project is not provided, support services to the soldiers, their families, and civilian personnel will continue to be managed with reduced efficiency in widely dispersed aging WWII facilities. Quality-of-life will remain low for those individuals working in and using the current substandard WWII facilities. The current Facility Reduction Program (FRP) will be impacted if new facilities are not constructed to replace the aging WWII wood currently being used. Each of the 8,600+ soldiers and their families will be forced to go through the current "scavenger hunt" of in/out

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IMPACT IF NOT PROVIDED: (CONTINUED)
processing instead of the "one-stop" proposed. This inefficiency adds an estimated two days to the processing time of soldiers in-processing into the installation, prolonging their absence from their assigned units. Furthermore, it adds to support costs by requiring transportation of soldiers across this installation to multiple "stations". Soldiers awaiting processing transportation to the next location will continue to be packed into hallways and make-shift waiting areas or exposed to inclement weather conditions of the North Country. The inefficiencies in utility programs will continue by heating multiple WWII buildings with constant traffic in and out vice operations within a modern, energy efficient single facility.
ADDITIONAL: This project has been coordinated with the installation physical security plan, and all required physical security measures are included. Also, all anti-terrorism/force protection measures are included. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement.

12. SUPPLEMENTAL DATA:
A. Estimated Design Data:
(1) Status:
(a) Date Design Started..... SEP 1985
(b) Percent Complete As Of January 2000..... 35.00
(c) Date 35% Designed..... DEC 1999
(d) Date Design Complete..... JUL 2000
(e) Parametric Cost Estimating Used to Develop Costs NO
(f) Type of Design Contract: design-bid-build

(2) Basis:
(a) Standard or Definitive Design: YES
(b) Where Most Recently Used:
Fort Drum

(3) Total Design Cost (c) = (a)+(b) OR (d)+(e): ($000)
(a) Production of Plans and Specifications.....
(b) All Other Design Costs..... 1,800
(c) Total Design Cost..... 1,800
(d) Contract..... 1,500
(e) In-house..... 300

(4) Contruction Contract Award..... SEP 2000

(5) Construction Start..... NOV 2000

(6) Construction Completion..... SEP 2002

1.COMPONENT	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		08 FEB 2000

3.INSTALLATION AND LOCATION

Fort Drum, New York

4.PROJECT TITLE	5.PROJECT NUMBER
Consolidated Soldier Support Center Ph II	53379

12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

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

Equipment Nomenclature	Procuring Appropriation	Fiscal Year Appropriated Or Requested	Cost ($000)
	NA		

Installation Engineer: LTC Michael Ostrom
Phone Number: 315 772-5371

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

DD FORM 1 DEC 76 1391C

1. COMPONENT ARMY	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. DATE 08 FEB 2000
3. INSTALLATION AND LOCATION United States Military Academy New York	4. COMMAND United States Military Academy	5. AREA CONSTRUCTION COST INDEX 1.28

6. PERSONNEL STRENGTH:

	PERMANENT			STUDENTS			SUPPORTED			
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF 30 SEP 1999	743	672	2515	40	4950	0	50	288	2451	11,709
B. END FY 2005	743	596	2212	40	4785	0	48	288	2335	11,047

7. INVENTORY DATA ($000)

A. TOTAL AREA..... 6,671 ha (16,484 AC)

B. INVENTORY TOTAL AS OF 30 SEP 1999.....	2,117,585
C. AUTHORIZATION NOT YET IN INVENTORY.....	76,300
D. AUTHORIZATION REQUESTED IN THE FY 2001 PROGRAM.....	0
E. AUTHORIZATION INCLUDED IN THE FY 2002 PROGRAM.....	0
F. PLANNED IN NEXT THREE YEARS (NEW MISSION ONLY).....	0
G. REMAINING DEFICIENCY.....	107,021
H. GRAND TOTAL.....	2,355,906

8. PROJECTS REQUESTED IN THE FY 2001 PROGRAM:

CATEGORY CODE	PROJECT NUMBER	PROJECT TITLE	COST ($000)	DESIGN STATUS START	DESIGN STATUS COMPLETE
740	53378	Cadet Physical Development Center Ph IIA	13,600	02/1998	05/2000
		TOTAL	13,600		

9. FUTURE PROJECTS:

CATEGORY CODE	PROJECT TITLE	COST ($000)
A. INCLUDED IN THE FY 2002 PROGRAM:		
740	Cadet Physical Development Center Ph III	41,400
	TOTAL	41,400

B. PLANNED NEXT THREE PROGRAM YEARS (NEW MISSION ONLY): NONE

10. MISSION OR MAJOR FUNCTIONS:

The mission of the United States Military Academy (USMA) is to educate, train, and inspire the Corps of Cadets so that each graduate shall have the character, leadership, intellectual foundation, and other attributes essential to progression and continuing development throughout a career of exemplary service to the nation as an officer of the regular army. USMA is the installation manager for Stewart Army Subpost.

1. COMPONENT ARMY	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. DATE 08 FEB 2000

INSTALLATION AND LOCATION: United States Military Academy New York

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:

	($000)
A. AIR POLLUTION	0
B. WATER POLLUTION	0
C. OCCUPATIONAL SAFETY AND HEALTH	0

REMARKS :

The estimated cost to remedy the deficiencies in all existing permanent and semipermanent facilities at this installation is $428,764,000, based on the Installation Status Report Information on conditions as of October 1999.

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

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1.COMPONENT	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		08 FEB 2000

3.INSTALLATION AND LOCATION	4.PROJECT TITLE
United States Military Academy New York	Cadet Physical Development Center Ph IIA

5.PROGRAM ELEMENT	6.CATEGORY CODE	7.PROJECT NUMBER	8.PROJECT COST ($000)
85896A	740	53378	Auth Approp 13,600

9.COST ESTIMATES

ITEM	UM (M/E)	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITY				71,146
Cadet Phys Devl Ctr	m2 (SF)	29,823 (321,013)	1,801	(53,713)
Instructional Pool	m2 (SF)	921.97 (9,924)	1,926	(1,775)
Intramural Pool	m2 (SF)	1,478 (15,904)	1,959	(2,894)
Temporary Facilities	LS	--	--	(1,800)
Utility Relocations	LS	--	--	(5,247)
Total from Continuation page				(5,717)
SUPPORTING FACILITIES				5,512
Paving, Walks, Curbs & Gutters	LS	--	--	(82)
Site Imp(200) Demo(5,180)	LS	--	--	(5,380)
Information Systems	LS	--	--	(50)
ESTIMATED CONTRACT COST				76,658
CONTINGENCY PERCENT (.00 %)				
SUBTOTAL				76,658
SUPV, INSP & OVERHEAD (5.70%)				4,370
TOTAL REQUEST				81,028
TOTAL REQUEST (ROUNDED)				81,000
INSTALLED EQT-OTHER APPROP				()

10.Description of Proposed Construction

The project is a multi-year, phased program that will revitalize, by partial replacement, the majority of the facilities which are known as the Arvin Cadet Physical Development Center. The Army's plan is to construct all phases as a continuous project using single construction contract. In FY 1999 Congress authorized $85 million and appropriated $12 million for phase one and $14 million for phase two in FY 2000. The FY 2001 budget eliminates all contingency funding. The current request ($13.6 million) is reduced accordingly. This is phase three of a four phased project. In addition, advance appropriation for $41.4 million is requested for Fiscal Year 2002. This project will consist of the following facilities: flat court spaces (configured as basketball courts, these will also be utilized for various other sports such as volleyball and team handball), multi-purpose spaces (for such activities as physical education classes, aerobics, etc.), wrestling rings (utilized for wrestling, judo, self defense, etc.), racquetball courts, fitness development spaces (free weights and exercise machines), physical services (sports medicine and physiology facilities), locker rooms, storage areas, and laundry facilities. In addition, an instructional pool will be constructed. Seismic upgrade will be accomplished for the Main Entrance Lobby, re-working of the existing Hayes Stair Towers to provide vertical circulation space for the new construction, elevators and/or other handicapped access

9. COST ESTIMATES (CONTINUED)

Item	UM (M/E)	QUANTITY		Unit COST	Cost ($000)
PRIMARY FACILITY (CONTINUED)					
Exp Crandall/Dive Well	m2 (SF)	1,112	(11,971)	2,057	(2,287)
Rock Excavation	m3 (CY)	1,223	(1,600)	122.92	(150)
EMCS System	LS		--	--	(505)
Reno Box Rms to Weight	m2 (SF)	780.39	(8,400)	807.18	(630)
Building Information Systems	LS		--	--	(2,145)
				Total	5,717

DESCRIPTION OF PROPOSED CONSTRUCTION: (CONTINUED)
features, scoreboards in the various competetive areas, spectator seating, public address systems, mechanical and electrical rooms, telecommunications and video communication equipment, heating, ventilation and air conditioning (HVAC) systems will be provided for offices, fitness rooms, main spectator areas, telecommunications closets, heating (existing steam) will be provided, fire detection and suppression systems, and energy monitoring and control system EMCS). Supporting facilities include rock stabilization, and site improvements. Demolish existing buildings (32,671 m2) with asbestos and lead paint mitigation (planned for Phases 1 and 3). Bracing and maintaining the historic facades of the adjacent buildings will be required. Comprehensive interior design and furniture related interior design service are requested. All exterior and interior finishes and signage will adhere to the USMA Installation Design Guides. Access for the handicapped will be provided. Air conditioning (170 tons) will be provided in Phase 2 and sized for the anticipated expansion of Phase 3.

---

11. REQ: 42,033 m2 ADQT: NONE SUBSTD: 41,369 m2
PROJECT: This is phase 3 of a four phased, multi-year project to revitalize, by partial replacement, the Arvin Cadet Physical Development Center. (Current Mission)
REQUIREMENT: The Academy has a mission requirement to train future officers for the Army. A critical required element of this mission is the physical development of the Corps of Cadets (15 percent of a cadet's class standing is based on his/her physical program performance). The cadet physical development center is an indispensable facility necessary to accomplish this training mission. The project is required to correct three major categories of deficiencies in the existing facility: failure to meet codes, substandard conditions, and failure to adequately meet physical program requirements. The new facilities will allow compliance with fire and life safety codes, handicapped standards, and gender equity. The facility will be configured to allow cadets to accomplish the rigorous physical training requirements necessary for graduation and commissioning. The sections of the cadet physical

1.COMPONENT	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		08 FEB 2000

3.INSTALLATION AND LOCATION

United States Military Academy, New York

4.PROJECT TITLE	5.PROJECT NUMBER
Cadet Physical Development Center Ph IIA	53378

REQUIREMENT: (CONTINUED)
development center that are not involved with phase one will remain open and active during the construction with only selective shut-downs permitted in the sections not under construction.
CURRENT SITUATION: This existing Arvin Cadet Physical Development Center provides swimming and diving areas, court sports facilities, multi- purpose and combatant facilities, racquet court facilities, physical services for training and rehabilitation therapy, and sites for athletic competition. Existing facility is a multi-level layout of six interconnected structures which were constructed at different times over a 65 year period and are in a deteriorated condition. The facility lacks proper life safety, health, and handicap accessibility features. The building has inadequate fire protection systems. HVAC systems are improperly sized and are non- functional. Electrical and lighting systems do not meet current codes. Locker rooms contain various sanitation and health hazards. The facility lacks adequate latrines and elevators. Existing locker rooms do not meet gender equity requirements. The size and efficiency of the existing buildings are inadequate in providing the physical education space required for the physical training of cadets. Between the hours of 1530 and 1830, during the academic year, the cadets are the only users of the facility as they participate in mandatory physical training. In winter months, every space in the facility is in use during this time to include hallways and entry ways and there are still some cadet physical activities for which there is no space available to train. During this period, other indoor cadet physical development locations (Holleder Center and Gillis Field House) are also completely utilized for cadet physical training. The Cadet Physical Development Center is the focal point for the cadets four year required physical activity/fitness program.
IMPACT IF NOT PROVIDED: If this project is not provided, the Arvin Cadet Physical Development Center will continue to operate in an inefficient, poorly configured and hazardous condition. The facility will continue to fail to meet acceptable life safety, gender equity and handicapped accessibility standards. A high backlog of maintenance and repair costs will continue and adversely impact the operation of the facility. This inefficient facility will continue to only minimally provide for the required physical training of cadets.
ADDITIONAL: This project has been coordinated with the installation physical security plan, and all required physical security measures are included. Also, anti-terrorism/force protection measures are required. An economic analysis has been prepared and utilized in evaluating this project. Required seismic upgrades will be determined during the design.

1.COMPONENT	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		08 FEB 2000

3.INSTALLATION AND LOCATION

United States Military Academy, New York

4.PROJECT TITLE	5.PROJECT NUMBER
Cadet Physical Development Center Ph IIA	53378

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

(a) Date Design Started..... FEB 1998
(b) Percent Complete As Of January 2000..... 90.00
(c) Date 35% Designed..... DEC 1998
(d) Date Design Complete..... MAY 2000
(e) Parametric Cost Estimating Used to Develop Costs NO
(f) Type of Design Contract: design-bid-build

(2) Basis:

(a) Standard or Definitive Design: NO

(3) Total Design Cost (c) = (a)+(b) OR (d)+(e): ($000)

(a) Production of Plans and Specifications..... 4,400
(b) All Other Design Costs..... 3,300
(c) Total Design Cost..... 7,700
(d) Contract..... 5,000
(e) In-house..... 2,700

(4) Contruction Contract Award..... JUL 2000

(5) Construction Start..... AUG 2000

(6) Construction Completion..... SEP 2004

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

Equipment Nomenclature	Procuring Appropriation	Fiscal Year Appropriated Or Requested	Cost ($000)
	NA		

Installation Engineer: COL Luebker
Phone Number: 914 938-3416

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

DD FORM 1 DEC 76 1391C

DEPARTMENT OF THE ARMY
FISCAL YEAR 2001
MILITARY CONSTRUCTION (PART I)
(DOLLARS ARE IN THOUSANDS)

STATE	PROJECT NUMBER	INSTALLATION (COMMAND) / PROJECT TITLE	AUTHORIZATION REQUEST	APPROPRIATION REQUEST	NEW/ CURRENT MISSION	PAGE
North Carolina		Fort Bragg (FORSCOM)				155
	35362	Barracks Complex - Butner Road Ph 1	130,000	26,000	C	157
	41878	Ammunition Holding Area	12,600	12,600	C	160
	45239	Barracks Complex - Longstreet Road Ph 1	79,600	45,600	C	164
	52316	Barracks Complex - Tagaytay Street Ph 2B	0	38,600	C	168
		Subtotal Fort Bragg PART I	$ 222,200	122,800		
		Sunny Point Military Ocean Terminal (MTMC)				173
	41410	Railroad Equipment Maintenance Facility	2,300	2,300	C	175
		Subtotal Sunny Point Military Ocean Terminal	P$ 2,300	2,300		
		* TOTAL MCA FOR North Carolina	$ 224,500	125,100		

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1. COMPONENT	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. DATE
ARMY		08 FEB 2000

3. INSTALLATION AND LOCATION	4. COMMAND	5. AREA CONSTRUCTION COST INDEX
Fort Bragg North Carolina	US Army Forces Command	0.88

6. PERSONNEL STRENGTH:

	PERMANENT			STUDENTS			SUPPORTED			
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF 30 SEP 1999	5291	34430	4357	623	1898	0	386	891	4886	52,762
B. END FY 2005	5340	34841	4020	577	1913	0	402	939	5093	53,125

7. INVENTORY DATA ($000)

A. TOTAL AREA..... 78,263 ha (193,392 AC)

B. INVENTORY TOTAL AS OF 30 SEP 1999.....	4,562,622
C. AUTHORIZATION NOT YET IN INVENTORY.....	254,298
D. AUTHORIZATION REQUESTED IN THE FY 2001 PROGRAM.....	222,200
E. AUTHORIZATION INCLUDED IN THE FY 2002 PROGRAM.....	71,000
F. PLANNED IN NEXT THREE YEARS (NEW MISSION ONLY).....	0
G. REMAINING DEFICIENCY.....	168,112
H. GRAND TOTAL.....	5,194,432

8. PROJECTS REQUESTED IN THE FY 2001 PROGRAM:

CATEGORY CODE	PROJECT NUMBER	PROJECT TITLE	COST ($000)	DESIGN START	STATUS COMPLETE
721	35362	Barracks Complex - Butner Road Ph 1	26,000	03/1999	04/2001
422	41878	Ammunition Holding Area	12,600	09/1999	12/2000
721	45239	Barracks Complex - Longstreet Road Ph 1	45,600	03/1999	02/2001
721	52316	Barracks Complex - Tagaytay Street Ph 2B	38,600	01/1998	07/1999
		TOTAL	122,800		

9. FUTURE PROJECTS:

CATEGORY CODE	PROJECT TITLE	COST ($000)
A. INCLUDED IN THE FY 2002 PROGRAM:		
721	Barracks Complex - Butner Rd Ph 2	37,000
721	Barracks Complex - Longstreet Rd Ph 2	34,000
721	Barracks Complex - Tagaytay Rd Ph2C	15,600
	TOTAL	86,600

B. PLANNED NEXT THREE PROGRAM YEARS (NEW MISSION ONLY): NONE

10. MISSION OR MAJOR FUNCTIONS:

Support and training of an Airborne Division and non-divisional support units; support to US Army Special Operations Command, including 1st US Army Special Operations Command, and the USA John F. Kennedy Special Warfare Center & School; XVIII Corps Headquarters and miscellaneous other tenant activities.

1. COMPONENT ARMY	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. DATE 08 FEB 2000

INSTALLATION AND LOCATION: Fort Bragg North Carolina

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:

	($000)
A. AIR POLLUTION	0
B. WATER POLLUTION	0
C. OCCUPATIONAL SAFETY AND HEALTH	0

REMARKS :

The estimated cost to remedy the deficiencies in all existing permanent and semi-permanent facilities at this installation is $921,223,000 based on the Installation Status Report Information on conditions as of october 1999.

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1.COMPONENT	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		08 FEB 2000

3.INSTALLATION AND LOCATION	4.PROJECT TITLE
Fort Bragg North Carolina	Barracks Complex - Butner Road Ph 1

5.PROGRAM ELEMENT	6.CATEGORY CODE	7.PROJECT NUMBER	8.PROJECT COST ($000)
22696A	721	35362	Auth 130,000 Approp 26,000

9.COST ESTIMATES

ITEM	UM (M/E)	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITY				17,158
Barracks	m2 (SF)	7,761 (83,539)	1,265	(9,820)
Soldier Community Building	m2 (SF)	1,222 (13,158)	1,302	(1,592)
Dining Facility .	m2 (SF)	2,485 (26,748)	1,949	(4,842)
Antiterrorism Force Protection	LS	--	--	(292)
EMCS Connections	LS	--	--	(218)
Building Information Systems	LS	--	--	(394)
SUPPORTING FACILITIES				7,451
Electric Service	LS	--	--	(1,110)
Water, Sewer, Gas	LS	--	--	(362)
Steam And/Or Chilled Water Dist	LS	--	--	(2,037)
Paving, Walks, Curbs & Gutters	LS	--	--	(639)
Storm Drainage	LS	--	--	(272)
Site Imp(2,568) Demo(198)	LS	--	--	(2,766)
Information Systems	LS	--	--	(216)
Antiterrorism/Force Protection	LS	--	--	(49)
ESTIMATED CONTRACT COST				24,609
CONTINGENCY PERCENT (.00 %)				
SUBTOTAL				24,609
SUPV, INSP & OVERHEAD (5.70%)				1,403
TOTAL REQUEST				26,012
TOTAL REQUEST (ROUNDED)				26,000
INSTALLED EQT-OTHER APPROP				()

10.Description of Proposed Construction

The Army is requesting full authorization of $130 million and appropriation of $26 million for this phased project. Full authorization of $130.0 million is requested in the year of initial appropriation. The Army's plan is to construct all phases of this complex using a single construction contract. Construct Phase I of a whole barracks renewal complex. Project includes barracks, soldier community building, dining facility, parking, upgraded primary streets, secondary access roads, and recreation areas. Barracks include living/sleeping rooms, semi-private baths, walk-in closets, bulk storage, and service areas. Connect to existing energy monitoring and control system (EMCS). Provide fire alarm, detection, and reporting systems; automatic building sprinklers; and force protection measures. Supporting facilities include utilities; electric service; paving, walks, curbs, and gutters; sewers, storm drainage; erosion control measures; information systems; and site improvements. Heating (gas-fired) and air conditioning (2,600 tons) will be provided from a central energy plant in an adjacent barracks complex (FY 2001, Project Number 45239). Access for the handicapped will be provided in administrative areas. Demolish eight buildings (2,658 m2). Anti-terrorism/force protection measures will be incorporated into design, including maximum feasible standoff distance from roads, parking areas, and vehicle unloading area. Berms, heavy landscaping, and tempered

1.COMPONENT	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		08 FEB 2000

3.INSTALLATION AND LOCATION

Fort Bragg, North Carolina

4.PROJECT TITLE	5.PROJECT NUMBER
Barracks Complex - Butner Road Ph 1	35362

DESCRIPTION OF PROPOSED CONSTRUCTION: (CONTINUED)
glass windows will be provided to protect in case of a bomb blast. Comprehensive building an furnishings related interior design services are required.

---

11. REQ: 14,350 PN ADQT: 7,207 PN SUBSTD: 7,143 PN
PROJECT: Construct a standard-design barracks complex with a dining facility and a soldier community building. (Current Mission)
REQUIREMENT: This project is required to provide housing for single soldiers in the 82d Airborne Division. Barracks are required to replace substandard facilities. Administrative and parking facilities are necessary to replace undersized and substandard buildings. This project will also correct spatial relationships between barracks, parking, recreation areas, training areas, work areas, and dining. Maximum utilization for this phase is 224 persons. Intended utilization is 203 soldiers.
CURRENT SITUATION: Current facilities, originally constructed in 1955 (Hammerhead Barracks) provide minimal adequacy standards for unaccompanied personnel housing. The existing building systems cannot support the needs of soldiers to provide a quality-of-life environment. The barracks are over 40 years old, the infrastructure is decaying, the soldiers still use gang latrines and showers, existing heating, ventilation, and air conditioning (HVAC) and hot water systems require frequent repairing. There is evidence of reinforcement bar problems in some of the concrete structure, and water infiltration in the concrete slabs.
IMPACT IF NOT PROVIDED: If this project is not provided, enlisted personnel will continue to be housed in marginal facilities, resulting in lower morale and retention rates. Improvements in housing will not be provided which will directly affect the welfare of soldiers residing in the facilities.
ADDITIONAL: This project has been coordinated with the installation physical security plan, and all required physical security measures are included. Also, all required anti-terrorism/force protection measures are included. An economic analysis has been prepared and utilized in evaluating this project. This is the most cost effective method to satisfy this requirement. During the past two years, $50.5 million has been spent on Real Property Maintenance for unaccompanied enlisted personnel housing at Fort Bragg. Upon completion of this multi-phased project and other projects approved through FY 2001, the remaining unaccompanied enlisted permanent party deficit is 6,371 personnel at this installation.

12. SUPPLEMENTAL DATA:
A. Estimated Design Data:
(1) Status:
(a) Date Design Started..... MAR 1999
(b) Percent Complete As Of January 2000..... 35.00
(c) Date 35% Designed..... JAN 2000

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DD FORM 1 DEC 76 1391C

1.COMPONENT	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		08 FEB 2000

3.INSTALLATION AND LOCATION

Fort Bragg, North Carolina

4.PROJECT TITLE	5.PROJECT NUMBER
Barracks Complex - Butner Road Ph 1	35362

12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

(d) Date Design Complete..... APR 2001
(e) Parametric Cost Estimating Used to Develop Costs YES
(f) Type of Design Contract: design-bid-build

(2) Basis:
(a) Standard or Definitive Design: YES
(b) Where Most Recently Used:
Fort Bragg

(3) Total Design Cost (c) = (a)+(b) OR (d)+(e): ($000)
(a) Production of Plans and Specifications..... 1,100
(b) All Other Design Costs..... 300
(c) Total Design Cost..... 1,400
(d) Contract..... 50
(e) In-house..... 1,350

(4) Contruction Contract Award..... JUL 2001

(5) Construction Start..... AUG 2001

(6) Construction Completion..... AUG 2003

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

Equipment Nomenclature	Procuring Appropriation	Fiscal Year Appropriated Or Requested	Cost ($000)
	NA		

Installation Engineer: ROBERT SHIRRON
Phone Number: 910-396-4009

1.COMPONENT	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		08 FEB 2000

3.INSTALLATION AND LOCATION	4.PROJECT TITLE
Fort Bragg North Carolina	Ammunition Holding Area

5.PROGRAM ELEMENT	6.CATEGORY CODE	7.PROJECT NUMBER	8.PROJECT COST ($000)
46029A	422	41878	Auth 12,600 Approp 12,600

9.COST ESTIMATES

ITEM	UM (M/E)	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITY				7,681
General Purpose Magazine, Insta	m2 (SF)	2,230 (24,004)	1,533	(3,418)
Igloo Storage, Installation	m2 (SF)	557.42 (6,000)	1,658	(924)
Storage Shed, Ammo Breakdown	m2 (SF)	5,574 (59,998)	419.54	(2,339)
Deployment Equipment Storage Bu	m2 (SF)	92.90 (999.97)	721.96	(67)
Access Control Facility	m2 (SF)	107.77 (1,160)	1,622	(175)
Total from Continuation page				(758)
SUPPORTING FACILITIES				4,325
Electric Service	LS	--	--	(892)
Water, Sewer, Gas	LS	--	--	(93)
Paving, Walks, Curbs & Gutters	LS	--	--	(849)
Storm Drainage	LS	--	--	(86)
Site Imp(2,027) Demo( )	LS	--	--	(2,027)
Information Systems	LS	--	--	(182)
Antiterrorism/Force Protection	LS	--	--	(196)
ESTIMATED CONTRACT COST				12,006
CONTINGENCY PERCENT (.00 %)				
SUBTOTAL				12,006
SUPV, INSP & OVERHEAD (5.70%)				684
TOTAL REQUEST				12,690
TOTAL REQUEST (ROUNDED)				12,600
INSTALLED EQT-OTHER APPROP				()

10.Description of Proposed Construction

Construct an ammunition holding area (AHA) facility. Work includes three Box-Type F (Navy) magazines and three concrete oval-arch covered magazines to store the basic-load ammunition; three distinct covered areas for breaking down, rehabing, issuing, packing and rigging ammunition for air drop; an on-site G-12 parachute storage building; an area for temporary holding of rigged ammunition platforms and airland 463L pallets; an access control and dispatch office; and latrines. Connect energy monitoring and control system (EMCS). Install an intrusion detection system (IDS) with monitoring center. Primary facilities also include information systems and physical security measures. Supporting facilities include utilities; electric service; paving, walks, curbs and gutters; storm drainage; security lighting and fencing; earthwork, erosion control and water quality measures; environmental protection; information systems; and site improvements. Air conditioning (5 tons) and humidity control will be provided. Igloos and magazines require forced air ventilation. Supporting facilities cost ratio is high due to remote site and low cost of primary structures. Supporting facilities improvements include extensive haul and spread fill as site is near a major river tributary, an extensive road network required to tie all magazines and supporting facilities together and electrical service required for physical security lighting and underground data cable.

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

DD FORM 1 DEC 76 1391

9. COST ESTIMATES (CONTINUED)

Item	UM (M/E)	QUANTITY	Unit COST	Cost ($000)
PRIMARY FACILITY (CONTINUED)				
IDS Installation	LS	--	--	(514)
EMCS Connections	LS	--	--	(119)
Building Information Systems	LS	--	--	(125)
			Total	758

DESCRIPTION OF PROPOSED CONSTRUCTION: (CONTINUED)
Anti-terrorism/force protection measures will be incorporated into the design including maximum feasible standoff distance from roads, parking areas, and vehicle unloading areas. Berms, heavy landscaping, and bollards will be used to prevent access then standoff distance cannot be maintained.

---

11. REQ: 2,787 m2 ADQT: NONE SUBSTD: 2,044 m2
PROJECT: Construct an Ammunition Holding Area (AHA) facility on Fort Bragg as part of the XVIII Airborne Corps, 82 Airborne Division Ready Brigade (DRB) Staging Complex adjacent to Green Ramp, Pope Air Force Base (AFB), North Carolina. This project supports the Army's Strategic Mobility Program. (Current Mission)
REQUIREMENT: The Ammunition Holding Area (AHA) is part of an integrated contingency deployment staging complex which provides adequate capacity for processing and outloading airdrop and airland forces. It is the third phase in Fort Bragg's Outload Enhancement Plan, and its proximity to the other outload facilities and Green Ramp will ensure safe, rapid, in-time, ammunition movement. Ammunition storage must be closer to outload distribution points than the current 12-mile distance. This project requires six ammunition bunkers to hold the Division Ready Brigade (DRB) ammunition within a mile of these major points. The first DRB must be airborne within 18 hours of notification, which creates severe time constraints; ready access is critical. Three covered shelters are required because the DRB ammunition must be broken down into smaller packages, distributed, and rigged on-site in a safe, controlled environment. A parachute storage building is needed to hold the large parachutes required on-site to rig the platforms and a designated area will hold palletized loads and hot platforms. This facility is a must to enhance Fort Bragg's readiness posture and ensure a smooth and rapid deployment.
CURRENT SITUATION: Currently, operational and physical deficiencies hinder Fort Bragg and Pope Air Force Base (AFB) in the timely accomplishment of their critical worldwide contingency response missions. Excessive time delays are due to poor facility location, orientation, and existing facility deficiencies. After ammunition is transported 12 miles it is stored in open-sided pole barns with little protection from the elements and no

CURRENT SITUATION: (CONTINUED)
hardstand for the flat racks to sit on. Due to frequent inspections and inventories, deep ruts have formed in the ground which must constantly be refilled to prevent water from pooling under the racks. The deteriorated condition of the entire area has resulted in major erosion control problems, structural cracking in magazines, security inadequacies and inoperable grounding systems. Security requirements within the current compound do not meet current requirements for Category I and II ammunition. As a potential target, security has been determined inadequate and provides a potential terrorist opportunity for intrusion. The current process is time consuming, a logistical nightmare, and does not meet physical security and explosive requirements.
IMPACT IF NOT PROVIDED: If this project is not provided, the accomplishment of divisional and nondivisional airborne deployment missions will continue to be hindered. The timely transport of ammunition cannot be effectively and efficiently attained with the current assets. Failure to provide this project will mean that the security and protection of personnel, equipment and deployment capabilities will continue to be impacted. The current ASP will require costly renovations of existing DRB storage facilities without correcting the underlying location, security, and operational problems.
ADDITIONAL: This project has been coordinated with the installation physical security plan, and all required physical security measures are included. Also, all required anti-terrorism/force protection measures are included. Alternative methods were examined during the project development. This project is the only feasible option to meet the requirement.

12. SUPPLEMENTAL DATA:
A. Estimated Design Data:
(1) Status:
(a) Date Design Started..... SEP 1999
(b) Percent Complete As Of January 2000..... 35.00
(c) Date 35% Designed..... JAN 2000
(d) Date Design Complete..... DEC 2000
(e) Parametric Cost Estimating Used to Develop Costs YES
(f) Type of Design Contract: design-bid-build

(2) Basis:
(a) Standard or Definitive Design: NO

(3) Total Design Cost (c) = (a)+(b) OR (d)+(e): ($000)
(a) Production of Plans and Specifications..... 700
(b) All Other Design Costs..... 280
(c) Total Design Cost..... 980
(d) Contract..... 700
(e) In-house..... 280

1.COMPONENT	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		08 FEB 2000

3.INSTALLATION AND LOCATION

Fort Bragg, North Carolina

4.PROJECT TITLE	5.PROJECT NUMBER
Ammunition Holding Area	41878

12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

(4) Contruction Contract Award..... FEB 2001

(5) Construction Start..... MAR 2001

(6) Construction Completion..... MAR 2003

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

Equipment Nomenclature	Procuring Appropriation	Fiscal Year Appropriated Or Requested	Cost ($000)
	NA		

Installation Engineer: Robert L. Shirron
Phone Number: (910) 396-4009

1.COMPONENT	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		08 FEB 2000

3.INSTALLATION AND LOCATION	4.PROJECT TITLE
Fort Bragg North Carolina	Barracks Complex - Longstreet Road Ph 1

5.PROGRAM ELEMENT	6.CATEGORY CODE	7.PROJECT NUMBER	8.PROJECT COST ($000)
22696A	721	45239	Auth 79,600 Approp 45,600

9.COST ESTIMATES

ITEM	UM (M/E)	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITY				27,627
Barracks	m2 (SF)	7,801 (83,969)	1,265	(9,870)
Soldier Community Building	m2 (SF)	1,507 (16,216)	1,302	(1,962)
Company Operations Facilities	m2 (SF)	4,793 (51,591)	1,210	(5,801)
Dining Facility	m2 (SF)	1,955 (21,043)	1,950	(3,813)
Central Energy Plant	m2 (SF)	1,099 (11,833)	3,915	(4,304)
Total from Continuation page				(1,877)
SUPPORTING FACILITIES				15,514
Electric Service	LS	--	--	(1,954)
Water, Sewer, Gas	LS	--	--	(388)
Steam And/Or Chilled Water Dist	LS	--	--	(3,228)
Paving, Walks, Curbs & Gutters	LS	--	--	(1,951)
Storm Drainage	LS	--	--	(2,015)
Site Imp(4,418) Demo( )	LS	--	--	(4,418)
Information Systems	LS	--	--	(769)
Antiterrorism/Force Protection	LS	--	--	(791)
ESTIMATED CONTRACT COST				43,141
CONTINGENCY PERCENT (.00 %)				
SUBTOTAL				43,141
SUPV, INSP & OVERHEAD (5.70%)				2,459
TOTAL REQUEST				45,600
TOTAL REQUEST (ROUNDED)				45,600
INSTALLED EQT-OTHER APPROP				(6,284)

10.Description of Proposed Construction

The Army is requesting full authorization of $79.6 million and appropriation of $45.6 million for this phased project. Full authorization of $79.6 million is requested in the year of initial appropriation. The Army's plan is to construct all phases of this complex using a single construction contract. Construct Phase I of a whole barracks renewal complex. Project includes barracks, one soldier community building, six company operations facilities (four medium, two small), dining facility, central energy plant for this complex and an adjacent complex (Project Number 35362), secondary access roads, parking, and recreation areas. Barracks include living/sleeping rooms, semi-private baths, walk-in closets, and bulk storage and service areas. Install energy monitoring and control systems (EMCS); fire alarm detection and reporting systems; automatic building sprinklers; intrusion detection systems (IDS); and force protection measures. Supporting facilities include utilities; electric service; paving, walks, curbs, and gutters; storm drainage; erosion control measures; information systems; and site improvements. Access for the handicapped will be provided in administrative areas. Heating (gas-fired) and air conditioning (total of 3,520 tons for this project and Project 35362) will be provided.
Anti-terrorism/force protection measures will be incorporated into the design, including maximum feasible standoff distance from roads, parking areas, and

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED
DD FORM 1 DEC 76 1391

9. COST ESTIMATES (CONTINUED)

Item	UM (M/E)	QUANTITY	Unit COST	Cost ($000)
PRIMARY FACILITY (CONTINUED)				
IDS Installation	LS	--	--	(40)
EMCS Connection	LS	--	--	(297)
Building Information Systems	LS	--	--	(1,540)
			Total	1,877

DESCRIPTION OF PROPOSED CONSTRUCTION: (CONTINUED)
vehicle unloading areas. Berms, heavy landscaping, and tempered glass windows will be provided in case of a bomb blast. Comprehensive interior design services are required.

---

11. REQ: 14,350 PN ADQT: 7,207 PN SUBSTD: 7,143 PN
PROJECT: Construct a standard-dsign barracks complex with dining facility, soldier community building, company operations facilities, and central energy plant to meet the Whole Barracks Renewal Program Standard. (Current Mission)
REQUIREMENT: This project is required to provide housing for single soldiers in the 82d Airborne Division. Barracks are required to replace substandard facilities. Administrative and parking facilities are necessary to replace undersized and substandard buildings. This project will also correct spatial relationships between barracks, parking, recreation areas, training areas, work areas, and dining. Maximum utilization for this phase is 228 persons. Intended utilization is 207.
CURRENT SITUATION: The typical barracks for the 82d Airborne Division soldier was constructed in 1955. These barracks are over 40 years old, the infrastructure is decaying, and the soldiers still use gang latrines and showers. Existing HVAC and hot water systems require frequent repairing. There is evidence of reinforcement bar problems in some of the concrete structures, and water infiltration in the concrete slabs. The 82d Airborne Division uses permanent, dispersed, inadequate facilities to accommodate brigade and battalion administrative functions. A typical brigade must rely on these, small, dispersed administrative facilities. Battalion headquarters use a combination of a modular building designed for storage and converted barracks space. Administrative facilities have inefficient office layouts. Barracks space converted to battalion headquarters has not been upgraded to an adequate battalion headquarters standard. The two-story designs are required due to the extremely constrained building sites caused by the need to preserve adjacent wooded areas and wetlands.
IMPACT IF NOT PROVIDED: If this project is not provided, the barracks and administrative facilities currently being utilized by the soldiers will remain unsatisfactory. The 40 year old facilities will deteriorate and the installation will waste money repairing facilities that are not economically

1.COMPONENT	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		08 FEB 2000

3.INSTALLATION AND LOCATION

Fort Bragg, North Carolina

4.PROJECT TITLE	5.PROJECT NUMBER
Barracks Complex - Longstreet Road Ph 1	45239

IMPACT IF NOT PROVIDED: (CONTINUED)
feasible to renovate. Soldiers will live in poorly planned and undersized barracks that foster poor morale. Also, command and control is adversely affected by the current site layout with respect to location of barracks, administration, recreation, and training facilities.
ADDITIONAL: This project has been coordinated with the installation physical security plan, and all required physical security measures are included. Also, all required anti-terrorism/force protection measures are included. An economic analysis has been prepared and utilized in evaluating this project. This is the most cost effective method to satsify this requirement. During the past two years, $50.5 million has been spent on Real Property Maintenance for unaccompanied enlisted personnel housing at Fort Bragg. Upon completion of this multi-phased project and other projects approved through FY 2001, the remaining unaccompanied enlisted permanent party deficit is 6,371 personnel at this installation.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

(a)	Date Design Started	MAR 1999
(b)	Percent Complete As Of January 2000	35.00
(c)	Date 35% Designed	JAN 2000
(d)	Date Design Complete	FEB 2001
(e)	Parametric Cost Estimating Used to Develop Costs	YES
(f)	Type of Design Contract: design-bid-build	

(2) Basis:
(a) Standard or Definitive Design: YES
(b) Where Most Recently Used:
Fort Bragg

(3) Total Design Cost (c) = (a)+(b) OR (d)+(e): ($000)

(a)	Production of Plans and Specifications	2,400
(b)	All Other Design Costs	600
(c)	Total Design Cost	3,000
(d)	Contract	100
(e)	In-house	2,900

(4) Contruction Contract Award..... MAY 2001

(5) Construction Start..... JUN 2001

(6) Construction Completion..... AUG 2002

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED
DD FORM 1 DEC 76 1391C

1.COMPONENT	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		08 FEB 2000

3.INSTALLATION AND LOCATION

Fort Bragg, North Carolina

4.PROJECT TITLE	5.PROJECT NUMBER
Barracks Complex - Longstreet Road Ph 1	45239

12. SUPPLEMENTAL DATA: (CONTINUED)

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

Equipment Nomenclature	Procuring Appropriation	Fiscal Year Appropriated Or Requested	Cost ($000)
IDS Equipment	OPA	2001	59
Info Sys - ISC	OPA	2002	6,225
		TOTAL	6,284

Installation Engineer: Robert Shirron
Phone Number: 910 396-4009

1.COMPONENT	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		08 FEB 2000

3.INSTALLATION AND LOCATION	4.PROJECT TITLE
Fort Bragg North Carolina	Barracks Complex - Tagaytay Street Ph 2B

5.PROGRAM ELEMENT	6.CATEGORY CODE	7.PROJECT NUMBER	8.PROJECT COST ($000)
22696A	721	52316	Auth Approp 38,600

9.COST ESTIMATES

ITEM	UM (M/E)	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITY				50,173
Barracks	m2 (SF)	19,326 (208,023)	1,297	(25,060)
Dining Facility	m2 (SF)	1,956 (21,051)	1,999	(3,909)
Company Operations Facilities	m2 (SF)	5,927 (63,798)	1,241	(7,354)
Soldier Community Building, 2 E	m2 (SF)	2,428 (26,130)	1,335	(3,240)
Battalion Headquarters, 3 EA	m2 (SF)	4,354 (46,866)	1,293	(5,628)
Total from Continuation page				(4,982)
SUPPORTING FACILITIES				16,998
Electric Service	LS	--	--	(2,143)
Water, Sewer, Gas	LS	--	--	(862)
Steam And/Or Chilled Water Dist	LS	--	--	(1,890)
Paving, Walks, Curbs & Gutters	LS	--	--	(1,390)
Storm Drainage	LS	--	--	(2,823)
Site Imp(5,286) Demo(1,614)	LS	--	--	(6,900)
Information Systems	LS	--	--	(782)
Antiterrorism/Force Protection	LS	--	--	(208)
ESTIMATED CONTRACT COST				67,171
CONTINGENCY PERCENT (.00 %)				
SUBTOTAL				67,171
SUPV, INSP & OVERHEAD (5.70%)				3,829
TOTAL REQUEST				71,000
TOTAL REQUEST (ROUNDED)				71,000
INSTALLED EQT-OTHER APPROP				(3,091)

10.Description of Proposed Construction

This project is incrementally funded. In FY 2000 Congress fully authorized this project ($74 million) and appropriated $16.508 million. The FY 2001 budget eliminates all contingency funding. The current request ($38.6 million) is reduced accordingly. In addition, advance appropriation for $15.6 million is requested for Fiscal Year 2002. Project includes barracks, company operations facilities, dining hall, community buildings, fire sprinkler systems, battalion headquarters, brigade headquarters, and upgrade primary street. Barracks include living/sleeping rooms, semi-private baths, walk-in closets, and bulk storage and service areas. Connect energy monitoring and control systems (EMCS). Install intrusion detection systems (IDS). Supporting facilities include utilities; electric service; fire protection and alarm systems; paving, walks, curbs and gutters; parking; recreation areas; storm drainage; erosion control measures; information systems; and site improvements. Access for the handicapped will be provided in administrative areas. Heating (gas-fired) will be provided from existing heat plant. Air conditioning (1,840 tons) will be provided from existing chiller plant. Demolish ten buildings (16,616 m2) (178,851 SF) within the footprint with asbestos removal. Construction involves disruption of operational steam and chilled water lines supporting adjacent maintenance facilities. Construction of satellite steam plants was determined to be the

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

DD FORM 1 DEC 76 1391

1.COMPONENT	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		08 FEB 2000

3.INSTALLATION AND LOCATION

Fort Bragg, North Carolina

4.PROJECT TITLE	5.PROJECT NUMBER
Barracks Complex - Tagaytay Street Ph 2B	52316

9. COST ESTIMATES (CONTINUED)

Item	UM (M/E)	QUANTITY	Unit COST	Cost ($000)
PRIMARY FACILITY (CONTINUED)				
Brigade Headquarters	m2 (SF)	973 (10,473)	1,370	(1,333)
IDS Installation	LS	--	--	(51)
EMCS Connection	LS	--	--	(1,373)
Building Information Systems	LS	--	--	(2,225)
			Total	4,982

DESCRIPTION OF PROPOSED CONSTRUCTION: (CONTINUED)
most economic option for providing continued steam and chilled water service to those facilities. Anti-terrorism/force protection measures include maximum feasible standoff distance from roads, parking areas, and vehicle unloading areas. Berms, heavy landscaping and tempered glass windows will be provided to protect in case of a bomb blast. The support facility cost is high due to the relocation of a major steamline and the associated need to provide satellite heat plants; and due to construction of an underground storm water retention system to serve several Military Construction, Army (MCA) projects in the vicinity.

---

11. REQ: 14,350 PN ADQT: 7,207 PN SUBSTD: 7,143 PN
PROJECT: Construct a standard-design barracks complex with barracks, soldier community buildings, brigade headquarters and battalion headquarters buildings, dining facility, and company headquarters to meet the Whole Barracks Renewal Program Standard. (Current Mission)
REQUIREMENT: This project is required to provide housing for single soldiers in the 82d Airborne Division, 1st Brigade. Barracks are required to replace substandard facilities. Administrative and parking facilities are necessary to replace undersized and substandard buildings. This project will also correct spatial relationships between barracks, parking, recreation areas, training areas, work areas, and dining. Maximum utilization for the brigade complex is 640 soldiers and the total intended utilization is 522 soldiers for E1-E4 and 58 soldiers for E5-E6.
CURRENT SITUATION: The typical barracks for the 82d Airborne Division soldier was constructed in 1955. The infrastructure is decaying, the soldiers still use gang latrines and showers, and existing heating, ventilation, air conditioning, and hot water systems require frequent repairing. There is evidence of reinforcement bar problems in some of the concrete structure and water infiltration in the concrete slabs. The 82d Airborne Division uses permanent, dispersed, and inadequate facilities to accommodate brigade and battalion administrative functions. A typical brigade must rely on these, small, dispersed administrative facilities. Battalion headquarters use a combination of a module building designed for storage and converted barracks

1.COMPONENT	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		08 FEB 2000

3.INSTALLATION AND LOCATION

Fort Bragg, North Carolina

4.PROJECT TITLE	5.PROJECT NUMBER
Barracks Complex - Tagaytay Street Ph 2B	52316

CURRENT SITUATION: (CONTINUED)
space. Administrative facilities have inefficient office layouts. Barracks space converted to battalion headquarters has not been upgraded to an adequate battalion headquarters standard. The two-story designs are required due to the extremely constrained building sites caused by the need to preserve adjacent wooded area for the recovery of the endangered red-cockaded woodpecker.
IMPACT IF NOT PROVIDED: If this project is not provided, the soldier's barracks and administrative facilities conditions will remain unsatisfactory. These old facilities will continue to deteriorate and the installation will waste money repairing facilities that are not economically feasible to renovate. Soldiers will live in poorly planned and undersized barracks that foster poor morale. Also, command and control is adversely affected by the current site layout with respect to location of barracks, administration, recreation, and training facilities.
ADDITIONAL: This project has been coordinated with the installation physical security plan, and all required physical security measures are included. Also, all required anti-terrorism/force protection measures are included. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement. This budget estimate is based upon a completed design. During the past two years, $50.5 million has been spent on Real Property Maintenance for unaccompanied enlisted personnel housing at Fort Bragg. Upon completion of this multi-phased project and other projects approved through FY 2001, the remaining unaccompanied enlisted permanent party deficit is 6,371 personnel at this installation.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

(a) Date Design Started..... JAN 1998
(b) Percent Complete As Of January 2000..... 100.00
(c) Date 35% Designed..... NOV 1998
(d) Date Design Complete..... JUL 1999
(e) Parametric Cost Estimating Used to Develop Costs YES
(f) Type of Design Contract: design-bid-build

(2) Basis:

(a) Standard or Definitive Design: YES
(b) Where Most Recently Used:
Fort Bragg

(3) Total Design Cost (c) = (a)+(b) OR (d)+(e): ($000)

(a) Production of Plans and Specifications..... 672
(b) All Other Design Costs..... 168
(c) Total Design Cost..... 840

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED
DD FORM 1 DEC 76 1391C

1.COMPONENT	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		08 FEB 2000

3.INSTALLATION AND LOCATION

Fort Bragg, North Carolina

4.PROJECT TITLE	5.PROJECT NUMBER
Barracks Complex - Tagaytay Street Ph 2B	52316

12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

(d) Contract..... _____

(e) In-house..... 840

(4) Contruction Contract Award..... OCT 1999

(5) Construction Start..... OCT 1999

(6) Construction Completion..... MAR 2003

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

Equipment Nomenclature	Procuring Appropriation	Fiscal Year Appropriated Or Requested	Cost ($000)
IDS Equipment	OPA	2003	38
Info Sys - ISC	OPA	2001	3,053
		TOTAL	3,091

Installation Engineer: ROBERT L. SHIRRON
Phone Number: 910-396-4009

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1. COMPONENT	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. DATE
ARMY		08 FEB 2000

3. INSTALLATION AND LOCATION	4. COMMAND	5. AREA CONSTRUCTION COST INDEX
Sunny Point Military Ocean Terminal North Carolina	Military Traffic Management Command	0.91

6. PERSONNEL STRENGTH:

	PERMANENT			STUDENTS			SUPPORTED			
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF 30 SEP 1999	7	71	243	0	0	0	0	0	93	414
B. END FY 2005	7	72	239	0	0	0	0	0	93	411

7. INVENTORY DATA ($000)

A. TOTAL AREA..... 6,606 ha (16,324 AC)

B. INVENTORY TOTAL AS OF 30 SEP 1999.....	806,293
C. AUTHORIZATION NOT YET IN INVENTORY.....	9,500
D. AUTHORIZATION REQUESTED IN THE FY 2001 PROGRAM.....	2,300
E. AUTHORIZATION INCLUDED IN THE FY 2002 PROGRAM.....	7,000
F. PLANNED IN NEXT THREE YEARS (NEW MISSION ONLY).....	0
G. REMAINING DEFICIENCY.....	0
H. GRAND TOTAL.....	825,093

8. PROJECTS REQUESTED IN THE FY 2001 PROGRAM:

CATEGORY CODE	PROJECT NUMBER	PROJECT TITLE	COST ($000)	DESIGN STATUS START	DESIGN STATUS COMPLETE
218	41410	Railroad Equipment Maintenance Facility	2,300	02/1999	09/2000
		TOTAL	2,300		

9. FUTURE PROJECTS:

CATEGORY CODE	PROJECT TITLE	COST ($000)
A. INCLUDED IN THE FY 2002 PROGRAM:		
851	Road Improvements and Truck Pad	3,600
452	Open Storage Area	1,700
141	Deployment Staging Area	1,700
	TOTAL	7,000

B. PLANNED NEXT THREE PROGRAM YEARS (NEW MISSION ONLY): NONE

10. MISSION OR MAJOR FUNCTIONS:

Receiving, handling, loading and shipping outbound and retrograde ammunition, explosives and other DOD cargo.

1. COMPONENT ARMY	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. DATE 08 FEB 2000

INSTALLATION AND LOCATION: Sunny Point Military Ocean TerminalNorth Carolina

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:

	($000)
A. AIR POLLUTION	0
B. WATER POLLUTION	0
C. OCCUPATIONAL SAFETY AND HEALTH	0

REMARKS :

The estimated cost to remedy the deficiencies in all existing permanent and semi-permanent facilities at this installation is $664,000 based on the Installation Status Report Information on conditions as of October 1999.

PREVIOUS EDITIONS MAY BE USED INTERNALLY
UNTIL EXHAUSTED

DD FORM 1 DEC 76 1390C

1.COMPONENT	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		08 FEB 2000

3.INSTALLATION AND LOCATION	4.PROJECT TITLE
Sunny Point Military Ocean Terminal North Carolina	Railroad Equipment Maintenance Facility

5.PROGRAM ELEMENT	6.CATEGORY CODE	7.PROJECT NUMBER	8.PROJECT COST ($000)
46029A	218	41410	Auth 2,300 Approp 2,300

9.COST ESTIMATES

ITEM	UM (M/E)	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITY				1,853
Maintenance Shop	m2 (SF)	1,374 (14,792)	1,203	(1,653)
Flammable Material Storehouse	m2 (SF)	13.38 (144)	2,114	(28)
Sand Loading System	EA	1 --	73,282	(73)
Railroad Spur	m (LF)	247 (810.37)	360.44	(89)
Building Information Systems	LS	--	--	(10)
SUPPORTING FACILITIES				326
Electric Service	LS	--	--	(92)
Water, Sewer, Gas	LS	--	--	(38)
Paving, Walks, Curbs & Gutters	LS	--	--	(64)
Storm Drainage	LS	--	--	(49)
Site Imp(76) Demo( )	LS	--	--	(76)
Information Systems	LS	--	--	(7)
ESTIMATED CONTRACT COST				2,179
CONTINGENCY PERCENT (.00 %)				
SUBTOTAL				2,179
SUPV, INSP & OVERHEAD (5.70%)				124
TOTAL REQUEST				2,303
TOTAL REQUEST (ROUNDED)				2,300
INSTALLED EQT-OTHER APPROP				()

10.Description of Proposed Construction Construct a railroad equipment maintenance facility. Project includes two maintenance bays to accommodate two locomotives and two railcars; tool and parts storage; offices, break room, and restrooms; machine and welding shop; mechanical equipment room; and general storage. Also included are flammable materials storage, a device for refilling a locomotive sand reservoir, bridge crane (10-ton), jib crane (2.9 ton), drop table, inspection pit, locomotive exhaust vent system, and compressed air system. Supporting facilities include utilities; electric service; exterior lighting; fire protection and alarm systems; new rail tracks; paving, walks, curbs and gutters; storm drainage; information systems; and site improvements. Heating will be provided by a self-contained oil-fired system. Air conditioning (10 tons) will be provided for administrative areas and heating and mechanical ventilation systems for the bays. The existing building will be demolished using other funds.

11. REQ: 1,374 m2 ADQT: NONE SUBSTD: 812 m2

PROJECT: Construct a railroad equipment maintenance facility in support of the Army's Strategic Mobility Program. (Current Mission)

1.COMPONENT	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		08 FEB 2000

3.INSTALLATION AND LOCATION

Sunny Point Military Ocean Terminal, North Carolina

4.PROJECT TITLE	5.PROJECT NUMBER
Railroad Equipment Maintenance Facility	41410

REQUIREMENT: This project replaces an existing wooden structure and is required to insure the readiness of the installation and its capability to support the ammunition and cargo movements for the Strategic Mobility Plan. This project will provide safe and efficient facilities to maintain and repair government owned railroad equipment used to move ammunition and other cargo between holding areas and wharves for transfer to ocean going vessels. This equipment includes 199 railcars, eight locomotives, and 15 pieces of railway maintenance equipment.

CURRENT SITUATION: Railroad equipment supporting the Strategic Mobility Program ammunition and cargo movement capability is currently maintained in a wooden structure built in 1955 and has never been renovated. All the building systems are failing and are worn out. In the summer of 1992 the building's laminated wood columns structurally failed when they buckled and bowed. The building did not collapse, but it was vacated while emergency repairs were made. This facility is located in a coastal area and is subject to hurricane winds on regular intervals. The building is inadequately lit and drafty. There are no showers or separate restrooms for male and female personnel. Employees must use the boiler room for the break room and locker room.

IMPACT IF NOT PROVIDED: If this project is not provided, the installation risks the failure of a critical strategic mobility support function during a national emergency. The conditions in the existing facility constrain the operational capability and readiness posture of the installation in both routine ammunition movements and particularly in the event of a national defense emergency. Also, the existing facility is in such poor condition that it will cease to be functional in the near future, resulting in greatly curtailed operational capability, thereby further degrading throughput and readiness posture.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and all required physical security measures are included. Also, no anti-terrorism/force protection measures are required. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

(a) Date Design Started..... FEB 1999

(b) Percent Complete As Of January 2000..... 35.00

(c) Date 35% Designed..... JAN 2000

(d) Date Design Complete..... SEP 2000

(e) Parametric Cost Estimating Used to Develop Costs YES

(f) Type of Design Contract: design-bid-build

(2) Basis:

(a) Standard or Definitive Design: NO

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

DD FORM 1 DEC 76 1391C

1.COMPONENT	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		08 FEB 2000

3.INSTALLATION AND LOCATION

Sunny Point Military Ocean Terminal, North Carolina

4.PROJECT TITLE	5.PROJECT NUMBER
Railroad Equipment Maintenance Facility	41410

12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

(3) Total Design Cost (c) = (a)+(b) OR (d)+(e): ($000)

(a)	Production of Plans and Specifications.....	138
(b)	All Other Design Costs.....	178
(c)	Total Design Cost.....	316
(d)	Contract.....	208
(e)	In-house.....	108

(4) Contruction Contract Award..... OCT 2000

(5) Construction Start..... NOV 2000

(6) Construction Completion..... OCT 2002

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

Equipment Nomenclature	Procuring Appropriation	Fiscal Year Appropriated Or Requested	Cost ($000)
	NA		

Installation Engineer: Bassam Mansour
Phone Number: 910 457-8291

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DEPARTMENT OF THE ARMY
FISCAL YEAR 2001
MILITARY CONSTRUCTION (PART I)
(DOLLARS ARE IN THOUSANDS)

STATE	PROJECT NUMBER	INSTALLATION (COMMAND) / PROJECT TITLE	AUTHORIZATION REQUEST	APPROPRIATION REQUEST	NEW/ CURRENT MISSION	PAGE
Ohio		Defense Supply Center Columbus (TRADOC)				181
	52847	Military Entrance Processing Station	1,832	1,832	C	183
		Subtotal Defense Supply Center Columbus PART I	$ 1,832	1,832		
		* TOTAL MCA FOR Ohio	$ 1,832	1,832		

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1. COMPONENT ARMY	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. DATE 08 FEB 2000
3. INSTALLATION AND LOCATION Defense Supply Center Columbus Ohio	4. COMMAND Defense Logistics Agency	5. AREA CONSTRUCTION COST INDEX 0.99

6. PERSONNEL STRENGTH:

	PERMANENT			STUDENTS			SUPPORTED			
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF 30 SEP 1999	0	0	0	0	0	0	0	0	0	0
B. END FY 2005	0	0	0	0	0	0	0	0	0	0

7. INVENTORY DATA ($000)

A. TOTAL AREA..... 0 ha (0 AC)

B. INVENTORY TOTAL AS OF 30 SEP 1999.....	0
C. AUTHORIZATION NOT YET IN INVENTORY.....	4,373
D. AUTHORIZATION REQUESTED IN THE FY 2001 PROGRAM.....	1,832
E. AUTHORIZATION INCLUDED IN THE FY 2002 PROGRAM.....	0
F. PLANNED IN NEXT THREE YEARS (NEW MISSION ONLY).....	0
G. REMAINING DEFICIENCY.....	0
H. GRAND TOTAL.....	6,205

8. PROJECTS REQUESTED IN THE FY 2001 PROGRAM:

CATEGORY CODE	PROJECT NUMBER	PROJECT TITLE	COST ($000)	DESIGN STATUS START	DESIGN STATUS COMPLETE
610	52847	Military Entrance Processing Station	1,832	12/1999	09/2000
		TOTAL	1,832		

9. FUTURE PROJECTS:

CATEGORY CODE	PROJECT TITLE	COST ($000)

A. INCLUDED IN THE FY 2002 PROGRAM: NONE

B. PLANNED NEXT THREE PROGRAM YEARS (NEW MISSION ONLY): NONE

10. MISSION OR MAJOR FUNCTIONS:

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:

	($000)
A. AIR POLLUTION	0
B. WATER POLLUTION	0
C. OCCUPATIONAL SAFETY AND HEALTH	0

1. COMPONENT ARMY	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. DATE 08 FEB 2000

INSTALLATION AND LOCATION: Defense Supply Center Columbus Ohio

REMARKS :

Non-Army; Non-ISR installation.

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

DD FORM 1 DEC 76 1390C

1.COMPONENT	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		08 FEB 2000

3.INSTALLATION AND LOCATION	4.PROJECT TITLE
Defense Supply Center Columbus Ohio	Military Entrance Processing Station

5.PROGRAM ELEMENT	6.CATEGORY CODE	7.PROJECT NUMBER	8.PROJECT COST ($000)
85796A	610	52847	Auth 1,832 Approp 1,832

9.COST ESTIMATES

ITEM	UM (M/E)	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITY				1,713
Renovate Administrative Facilit	m2 (SF)	2,260 (24,322)	685.63	(1,549)
Asbestos Removal	LS	--	--	(85)
Building Information Systems	LS	--	--	(79)
SUPPORTING FACILITIES				20
Site Imp(20) Demo( )	LS	--	--	(20)
ESTIMATED CONTRACT COST				1,733
CONTINGENCY PERCENT (.00 %)				
SUBTOTAL				1,733
SUPV, INSP & OVERHEAD (5.70%)				99
TOTAL REQUEST				1,832
TOTAL REQUEST (ROUNDED)				1,832
INSTALLED EQT-OTHER APPROP				(0)

10.Description of Proposed Construction Renovate adminisrative space for Military Entrance Processing Station (MEPS) facility. Renovation includes selective demolition of interior building systems and removal of friable asbestos. This project will provide testing and medical examination rooms, and orientation, ceremony, and conference rooms. Supporting facilities include installation of utilities; new ventilation and air conditioning system; electric service; fire protection and alarm systems; communication and information systems; and site improvements. Access for the handicapped will be provided. Comprehensive building and furnishings related interior design services are required.

11. REQ: 1,840 m2 ADQT: NONE SUBSTD: 2,091 m2

PROJECT: Renovate operations area for Military Entrance Processing Station (MEPS) at Defense Supply Center, Columbus (DSCC), Columbus, Ohio. (Current Mission)

REQUIREMENT: This project is required to provide a more efficient and cost effective means of processing applicants into the military services while enhancing the quality-of-life for all MEPS personnel. On an annual basis, the Columbus MEPS facility has the military enlistment responsibility for processing applicants from 55 counties in Ohio, and four counties in West Virginia. Annually, more than 5,200 applicants will enlist and report to their

1.COMPONENT	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		08 FEB 2000

3.INSTALLATION AND LOCATION

Defense Supply Center Columbus, Ohio

4.PROJECT TITLE	5.PROJECT NUMBER
Military Entrance Processing Station	52847

REQUIREMENT: (CONTINUED)
respective training stations.
CURRENT SITUATION: The Columbus, Ohio MEPS is presently located in a leased facility in Gahanna, Ohio. The General Services Administation (GSA) charges this command an annual rent of $591,182 for this location, a cost that escalates approximately three percent each year. There is no security at the current location, and local police will not patrol the building because it is on private property. The current lease requires additional fees for conducting business outside of normal duty hours.
IMPACT IF NOT PROVIDED: If this project is not provided, this command will continue to pay premium rent and utility costs. An economic analysis of alternate means to accomplish the MEPS mission concluded that renovation of existing facilities at DSCC was the least costly alternative.
ADDITIONAL: This project has been coordinated with the installation physical security plan, and all required physical security measures are included. Also, no anti-terrorism/force protection measures are required. An economic analysis has been prepared and was utilized in evaluating this project. This is the most cost effective method to satsify this requirement. A parametric estimate has been used to develop this budget estimate.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

(a) Date Design Started	DEC 1999
(b) Percent Complete As Of January 2000	5.00
(c) Date 35% Designed	MAR 2000
(d) Date Design Complete	SEP 2000
(e) Parametric Cost Estimating Used to Develop Costs	NO
(f) Type of Design Contract: design-bid-build	

(2) Basis:

(a) Standard or Definitive Design: NO

(3) Total Design Cost (c) = (a)+(b) OR (d)+(e): ($000)

(a) Production of Plans and Specifications	111
(b) All Other Design Costs	74
(c) Total Design Cost	185
(d) Contract	125
(e) In-house	60

(4) Contruction Contract Award	MAY 2001
(5) Construction Start	JUL 2001
(6) Construction Completion	JUL 2002

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED
DD FORM 1 DEC 76 1391C

1.COMPONENT	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		08 FEB 2000

3.INSTALLATION AND LOCATION

Defense Supply Center Columbus, Ohio

4.PROJECT TITLE	5.PROJECT NUMBER
Military Entrance Processing Station	52847

12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

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

Equipment Nomenclature	Procuring Appropriation	Fiscal Year Appropriated Or Requested	Cost ($000)
	NONE		

Installation Engineer: Anthony E. Cea
Phone Number: 614 692-3864

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DEPARTMENT OF THE ARMY
FISCAL YEAR 2001
MILITARY CONSTRUCTION (PART I)
(DOLLARS ARE IN THOUSANDS)

STATE	PROJECT NUMBER	INSTALLATION (COMMAND) / PROJECT TITLE	AUTHORIZATION REQUEST	APPROPRIATION REQUEST	NEW/ CURRENT MISSION	PAGE
Oregon		Umatilla Depot Activity (AMC)				189
	53377	Ammunition Demilitarization Fac Ph V1	0	9,400	N	191
		Subtotal Umatilla Depot Activity PART I	$ 0	9,400		
		* TOTAL MCA FOR Oregon	$ 0	9,400		

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1. COMPONENT ARMY	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. DATE 08 FEB 2000
3. INSTALLATION AND LOCATION Umatilla Depot Activity Oregon	4. COMMAND US Army Materiel Command	5. AREA CONSTRUCTION COST INDEX 1.25

6. PERSONNEL STRENGTH:

	PERMANENT			STUDENTS			SUPPORTED			
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF 30 SEP 1999	2	5	349	0	0	0	0	0	8	364
B. END FY 2005	3	5	527	0	0	0	0	0	8	543

7. INVENTORY DATA ($000)

A. TOTAL AREA..... 7,984 ha (19,729 AC)

B. INVENTORY TOTAL AS OF 30 SEP 1999.....	991,513
C. AUTHORIZATION NOT YET IN INVENTORY.....	11,100
D. AUTHORIZATION REQUESTED IN THE FY 2001 PROGRAM.....	0
E. AUTHORIZATION INCLUDED IN THE FY 2002 PROGRAM.....	0
F. PLANNED IN NEXT THREE YEARS (NEW MISSION ONLY).....	0
G. REMAINING DEFICIENCY.....	242,600
H. GRAND TOTAL.....	1,254,613

8. PROJECTS REQUESTED IN THE FY 2001 PROGRAM:

CATEGORY CODE	PROJECT NUMBER	PROJECT TITLE	COST ($000)	DESIGN STATUS START	DESIGN STATUS COMPLETE
216	53377	Ammunition Demilitarization Fac Ph V1	9,400	10/1987	01/1994
		TOTAL	9,400		

9. FUTURE PROJECTS:

CATEGORY CODE	PROJECT TITLE	COST ($000)

A. INCLUDED IN THE FY 2002 PROGRAM: NONE

B. PLANNED NEXT THREE PROGRAM YEARS (NEW MISSION ONLY): NONE

10. MISSION OR MAJOR FUNCTIONS:

Operate a reserve storage depot activity under the command of Tooele Army Depot, providing for care, preservation and minor maintenance of assigned commodities, including chemical and conventional munitions. It also provides limited maintenance to preclude deterioration of activity facilities and has limited shipping and receiving capabilities of assigned commodities.

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:

	($000)
A. AIR POLLUTION	0
B. WATER POLLUTION	0
C. OCCUPATIONAL SAFETY AND HEALTH	0

1. COMPONENT ARMY	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. DATE 08 FEB 2000

INSTALLATION AND LOCATION: Umatilla Depot Activity Oregon

REMARKS :

Non-ISR Installation.

PREVIOUS EDITIONS MAY BE USED INTERNALLY
UNTIL EXHAUSTED

DD FORM 1 DEC 76 1390C

1.COMPONENT	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		08 FEB 2000

3.INSTALLATION AND LOCATION	4.PROJECT TITLE
Umatilla Depot Activity Oregon	Ammunition Demilitarization Fac Ph V1

5.PROGRAM ELEMENT	6.CATEGORY CODE	7.PROJECT NUMBER	8.PROJECT COST ($000)
78007A	216	53377	Auth Approp 9,400

9.COST ESTIMATES

ITEM	UM (M/E)	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITY				145,782
Munition Demil Building	m2 (SF)	7,661 (82,466)	11,730	(89,864)
Process & Utility Building	m2 (SF)	2,310 (24,864)	4,783	(11,050)
Container Handling Building	m2 (SF)	4,138 (44,537)	4,808	(19,893)
Process Support Building (PSB)	m2 (SF)	1,186 (12,767)	3,182	(3,775)
Personnel Maintenance Building	m2 (SF)	1,892 (20,363)	3,649	(6,903)
Total from Continuation page				(14,297)
SUPPORTING FACILITIES				35,488
Electric Service	LS	--	--	(14,605)
Water, Sewer, Gas	LS	--	--	(5,322)
Paving, Walks, Curbs & Gutters	LS	--	--	(6,741)
Storm Drainage	LS	--	--	(1,601)
Site Imp(6,283) Demo( )	LS	--	--	(6,283)
Information Systems	LS	--	--	(936)
ESTIMATED CONTRACT COST				181,270
CONTINGENCY PERCENT (.00 %)				
SUBTOTAL				181,270
SUPV, INSP & OVERHEAD (5.70%)				10,332
TOTAL REQUEST				191,602
TOTAL REQUEST (ROUNDED)				191,602
INSTALLED EQT-OTHER APPROP				(0)

10.Description of Proposed Construction

Construct a Chemical Stockpile Disposal Program (CSDP) facility using incremental appropriations which are split over more than one fiscal year. The FY 2001 budget eliminates all contingency funding. This request is for Increment VI ($9.4 million), the last phase. Increment I (Project Number (PN) 17701, $12.0 million) was approved in the FY 95 MILCON program, Increment II (PN 45383, $64.0 million) was approved in FY 97, Increment III (PN 47256, $57.427 million) was approved in FY 98, Increment IV (PN 47257, $23.95 million) was approved in FY 99 and Increment V (PN 50009, $24.825 million) was approved in the FY 2000 MILCON program. This project, at full funding and authorization, will result in the construction of a site-adapted toxic chemical munitions demilitarization complex for processing lethal chemical munitions presently stored at Umatilla Depot Activity . Primary facilities include a munitions demilitarization building (MDB) with blast containment area connected to a munitions container handling building (CHB) by an enclosed corridor; a process utilities building (PUB) with bulk chemical storage, brine reduction storage facilities and a central boiler room; a personnel support and maintenance facility with change rooms, maintenance shop and storage facility, medical treatment area, lunch room and conference room; a process support and administrative building; a chemical analysis laboratory; and entry control facility; rehab warehouse; and

1.COMPONENT	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		08 FEB 2000

3.INSTALLATION AND LOCATION

Umatilla Depot Activity, Oregon

4.PROJECT TITLE	5.PROJECT NUMBER
Ammunition Demilitarization Fac Ph V1	53377

9. COST ESTIMATES (CONTINUED)

Item	UM (M/E)	QUANTITY		Unit COST	Cost ($000)
PRIMARY FACILITY (CONTINUED)					
Entry Control Facility	m2 (SF)	115.85	(1,247)	13,973	(1,619)
Laboratory	m2 (SF)	880.16	(9,474)	11,054	(9,729)
Warehouse Renovation	m2 (SF)	3,066	(33,000)	324.85	(996)
IDS Installation	LS	--		--	(1,198)
Building Information Systems	LS	--		--	(755)
				Total	14,297

DESCRIPTION OF PROPOSED CONSTRUCTION: (CONTINUED)
office/storage space and laboratory for non-US inspectors and associated US escorts. Special features include blast doors, fire protection, a cascading heating, ventilation, air conditioning (HVAC) system with airlocks for agent containment, special air filtration, special personnel protective clothing area, toxic chemical resistive coatings and surfaces, explosion-proof electrical fixtures. Install an intrusion detection system (IDS). Supporting facilities include utilities; electrical substation and distribution system; sewage pump station; paving, surfacing, walks, curbs and gutters; storm drainage; security fencing, gates and lighting; information systems; fuel storage and distribution; and site improvements. Heating will be provided by a natural gas-fired central unit. Air conditioning (500 tons) will be provided by self-contained units.

---

11. REQ: 21,249 m2 ADQT: NONE SUBSTD: NONE
PROJECT: Construct a standard-design toxic chemical munitions demilitarization complex to dispose of chemical agents and munitions. (New Mission)
REQUIREMENT: This project is required to provide the capability to demilitarize and dispose of the lethal toxic chemical agents and munitions stored at this location in a safe, environmentally acceptable manner. Congress has mandated the disposal to the unitary chemical stockpiles. The Army submitted an implementation plan to Congress in March 1988 in response to a specific Congressional request, which cites this facility as an integral and essential part of the chemical stockpile disposal program.
CURRENT SITUATION: Rockets mines, projectiles, bombs and spray tanks containing lethal chemical agents are stored in igloos at the installation; one-ton containers are stored in a warehouse at the installation. Some of these munitions currently exhibit an accelerated rate of deterioration. These munitions are of no strategic value but they must be safely stored and inspected to ensure that there is no risk to the public or the environment. The monitoring and surveillance costs for safety storage continue to accrue. No other acceptable disposal facilities are available.

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1.COMPONENT	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		08 FEB 2000

3.INSTALLATION AND LOCATION

Umatilla Depot Activity, Oregon

4.PROJECT TITLE	5.PROJECT NUMBER
Ammunition Demilitarization Fac Ph V1	53377

IMPACT IF NOT PROVIDED: If this project is not provided, the Army will not be able to comply with the Congressional mandate for Chemical munitions stockpile disposal. Also, maintenance and surveillance costs will continue to grow as the agents and munitions deteriorate with age. The threat to the health of Depot employees and the environment will continue.
ADDITIONAL: This project has been coordinated with the installation physical security plan, and all required physical security measures are included. Also, no anti-terrorism/force protection measures are required.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

(a) Date Design Started..... OCT 1987
(b) Percent Complete As Of January 2000..... 100.00
(c) Date 35% Designed..... MAR 1990
(d) Date Design Complete..... JAN 1994
(e) Parametric Cost Estimating Used to Develop Costs NO
(f) Type of Design Contract: design-bid-build

(2) Basis:

(a) Standard or Definitive Design: NO

(3) Total Design Cost (c) = (a)+(b) OR (d)+(e): ($000)

(a) Production of Plans and Specifications..... 5,590
(b) All Other Design Costs..... 5,820
(c) Total Design Cost..... 11,410
(d) Contract..... 5,590
(e) In-house..... 5,820

(4) Contruction Contract Award..... FEB 1997

(5) Construction Start..... JUN 1997

(6) Construction Completion..... JAN 2001

1.COMPONENT	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		08 FEB 2000

3.INSTALLATION AND LOCATION

Umatilla Depot Activity, Oregon

4.PROJECT TITLE	5.PROJECT NUMBER
Ammunition Demilitarization Fac Ph V1	53377

12. SUPPLEMENTAL DATA: (CONTINUED)

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

Equipment Nomenclature	Procuring Appropriation	Fiscal Year Appropriated Or Requested	Cost ($000)
	NONE		

Installation Engineer: Mr. Pat Ritchie
Phone Number: DSN 790-5431

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

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DEPARTMENT OF THE ARMY
FISCAL YEAR 2001
MILITARY CONSTRUCTION (PART I)
(DOLLARS ARE IN THOUSANDS)

STATE	PROJECT NUMBER	INSTALLATION (COMMAND) / PROJECT TITLE	AUTHORIZATION REQUEST	APPROPRIATION REQUEST	NEW/ CURRENT MISSION	PAGE
Pennsylvania		Carlisle Barracks (TRADOC)				197
	21431	Academic Research Facility	10,500	10,500	C	199
		Subtotal Carlisle Barracks PART I	$ 10,500	10,500		
		Defense Distribution Center (TRADOC)				203
	52677	Military Entrance Processing Station	3,700	3,700	C	205
		Subtotal Defense Distribution Center PART I	$ 3,700	3,700		
		* TOTAL MCA FOR Pennsylvania	$ 14,200	14,200		

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1. COMPONENT	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. DATE
ARMY		08 FEB 2000

3. INSTALLATION AND LOCATION	4. COMMAND	5. AREA CONSTRUCTION COST INDEX
Carlisle Barracks Pennsylvania	US Army Training and Doctrine Command	0.94

6. PERSONNEL STRENGTH:

	PERMANENT			STUDENTS			SUPPORTED			
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF 30 SEP 1999	152	156	556	451	0	31	36	2	323	1,707
B. END FY 2005	147	154	504	363	0	27	37	2	323	1,557

7. INVENTORY DATA ($000)

A. TOTAL AREA..... 163 ha (403 AC)

B. INVENTORY TOTAL AS OF 30 SEP 1999.....	241,329
C. AUTHORIZATION NOT YET IN INVENTORY.....	5,000
D. AUTHORIZATION REQUESTED IN THE FY 2001 PROGRAM.....	10,500
E. AUTHORIZATION INCLUDED IN THE FY 2002 PROGRAM.....	0
F. PLANNED IN NEXT THREE YEARS (NEW MISSION ONLY).....	0
G. REMAINING DEFICIENCY.....	2,050
H. GRAND TOTAL.....	258,879

8. PROJECTS REQUESTED IN THE FY 2001 PROGRAM:

CATEGORY CODE	PROJECT NUMBER	PROJECT TITLE	COST ($000)	DESIGN STATUS START	DESIGN STATUS COMPLETE
610	21431	Academic Research Facility	10,500	05/1999	10/2000
		TOTAL	10,500		

9. FUTURE PROJECTS:

CATEGORY CODE	PROJECT TITLE	COST ($000)

A. INCLUDED IN THE FY 2002 PROGRAM: NONE

B. PLANNED NEXT THREE PROGRAM YEARS (NEW MISSION ONLY): NONE

10. MISSION OR MAJOR FUNCTIONS:

Provide administrative and logistical support for the operation of the U.S. Army Garrison, U.S. Army War College, U.S. Army Military History Institute, U.S. Dunham Army Hospital and other tenant units and activities.

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:

	($000)
A. AIR POLLUTION	0
B. WATER POLLUTION	0
C. OCCUPATIONAL SAFETY AND HEALTH	0

1. COMPONENT ARMY	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. DATE 08 FEB 2000

INSTALLATION AND LOCATION: Carlisle Barracks Pennsylvania

REMARKS :

The estimated cost to remedy the deficiencies in all existing permanent and semi-permanent facilities at this installation is $28,865,000 based on the Installation Status Report Information on conditions as of October 1999.

PREVIOUS EDITIONS MAY BE USED INTERNALLY
UNTIL EXHAUSTED

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1.COMPONENT	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		08 FEB 2000

3.INSTALLATION AND LOCATION	4.PROJECT TITLE
Carlisle Barracks Pennsylvania	Academic Research Facility

5.PROGRAM ELEMENT	6.CATEGORY CODE	7.PROJECT NUMBER	8.PROJECT COST ($000)
85796A	610	21431	Auth 10,500 Approp 10,500

9.COST ESTIMATES

ITEM	UM (M/E)	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITY				8,423
Academic Research Facility	m2 (SF)	6,203 (66,769)	1,241	(7,695)
Special Foundations	LS	--	--	(324)
IDS Installation	LS	--	--	(49)
Building Information Systems	LS	--	--	(355)
SUPPORTING FACILITIES				1,511
Electric Service	LS	--	--	(85)
Water, Sewer, Gas	LS	--	--	(23)
Paving, Walks, Curbs & Gutters	LS	--	--	(518)
Storm Drainage	LS	--	--	(21)
Site Imp(134) Demo(491)	LS	--	--	(626)
Information Systems	LS	--	--	(136)
Antiterrorism/Force Protection	LS	--	--	(102)
ESTIMATED CONTRACT COST				9,934
CONTINGENCY PERCENT (.00 %)				
SUBTOTAL				9,934
SUPV, INSP & OVERHEAD (5.70%)				566
TOTAL REQUEST				10,500
TOTAL REQUEST (ROUNDED)				10,500
INSTALLED EQT-OTHER APPROP				(3,767)

10.Description of Proposed Construction

Construct an academic research facility to accommodate Military History Institute (MHI) archival and research requirements at Carlisle Barracks. Project includes a multi-story building with reception, administrative, mailroom, operations, supply, storage and reading areas, stack areas, classified storage vault and special collections areas, library services, historical services, meeting, restroom and break areas. Provide passenger and freight elevators, temperature and humidity controls, and fire suppression system to protect holdings. Install interior and exterior security system with closed circuit television cameras and monitors, window surveillance and protection, and electronic entry system. Install an intrusion detection system (IDS). Radon mitigation measures will be required. Supporting facilities include utilities; electric service; site lighting; extension of utilities; parking and roadway pavements; paving, walks, curbs and gutters; retaining walls; information systems; and site improvements. Access for the handicapped will be provided. Heating will be provided by self-contained plant. Air conditioning (200 tons) will be provided by self-contained system. Demolish 14 buildings (5,075 m2) to include asbestos and lead abatement. Comprehensive building and furnishings related interior design services are required. Anti-terrorism force protection measures include passive vehicle restraints (reinforced concrete retaining walls and pre-cast

1.COMPONENT	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		08 FEB 2000

3.INSTALLATION AND LOCATION

Carlisle Barracks, Pennsylvania

4.PROJECT TITLE	5.PROJECT NUMBER
Academic Research Facility	21431

DESCRIPTION OF PROPOSED CONSTRUCTION: (CONTINUED)
concrete planters).

11. REQ: 6,329 m2 ADQT: 126 m2 SUBSTD: 5,928 m2

PROJECT: Construct an academic research facility to provide adequate operational space for the US Army Military History Institute (MHI). (Current Mission)

REQUIREMENT: This project is required to allow the US Army Military History Institute to continue to perform its mission and protect an at-risk collection appraised conservatively at $250 million. The facility is used by students of the Army War College for the study of strategic doctrine with which the Army trains and fights. The Institute also performs an outreach function to the academic community and the American public who wish to know more about the Army. The Institute collects, organizes, preserves, stores, and makes accessible, non-record copies of official documents, published military histories, Army-related magazines and journals, photographs, personal papers of general officers, senior Army civilian leaders, and surveys of veterans for study. It supports current Army missions and operations through the research and use of historical documentation.

CURRENT SITUATION: Military History Institute operations are currently being conducted in one primary facility (Upton Hall) and four support facilities. Upton Hall was constructed in 1940 as an educational facility and has undergone limited modification attempting to meet the Institute's unique mission. The facility lacks adequate storage space, and structural limitations stymie efforts to improve workplace efficiency and address increased storage needs of the archives. Existing heating, ventilation and air conditioning systems are undersized and outdated. The archival collection is forced into spaces that have no humidity control, thereby causing many materials and one-of-a-kind artifacts to deteriorate at a greatly accelerated rate. Upton Hall is not compliant with the Americans with Disabilities Act (ADA). Handicapped persons gain access to the facility via a freight elevator. The US Army will be subject to complaints and possible legal action for failing to support access to a public facility. Existing halon fire suppression systems protect less than one third of the collection. Additionally, these halon systems are no longer safe or environmentally allowed and therefore must be removed and replaced to meet environmental laws. Emergency egresses do not meet fire codes. Power, voice and data circuits are insufficient for office automation needs and to allow remote accessing of holdings. Existing lighting is insufficient throughout the facility. Portions of existing floor tile and adhesives contain asbestos material, and most painted surfaces are contaminated with lead based paints.

IMPACT IF NOT PROVIDED: If this project is not provided, successful accomplishment of the US Army MHI mission will be jeopardized. Failure to construct a new facility and relocate operations from Upton Hall will threaten a unique and irreplaceable historical research collection. The environmental

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IMPACT IF NOT PROVIDED: (CONTINUED)
conditions within Upton Hall are not conducive to preservation. Significant temperature and humidity fluctuations accelerate the deterioration of paper materials. Routine conservation procedures reduce this degradation; however, the long-term exposure of the material to these conditions will cause significant portions of the materials to decay and increase costs for conservation efforts. MHI adds 300 to 500 linear feet of new materials each year. The book stacks are full and the Institute has been placing materials in hallways and corridors. The Institute will either be forced to excess some of its holdings or discontinue collecting history of the Army. The Institute's dispersed operations limit workforce efficiencies. Unless new construction occurs, the backlog in cataloging of the collection will continue to grow. Additionally, improved use of automation to enhance employee efficiencies and to aid in the conservation of the collection (digitization) will be severely limited.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and all required physical security measures are included. Also, all required anti-terrorism force protection measures are included. An economic analysis has been prepared and was utilized in evaluating this project. This is the most cost effective method to satisfy this requirement.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

(a) Date Design Started..... MAY 1999
(b) Percent Complete As Of January 2000..... 35.00
(c) Date 35% Designed..... JAN 2000
(d) Date Design Complete..... OCT 2000
(e) Parametric Cost Estimating Used to Develop Costs YES
(f) Type of Design Contract: design-bid-build
(g) An energy study and life cycle cost analysis will be documented during the final design.

(2) Basis:

(a) Standard or Definitive Design: NO

(3) Total Design Cost (c) = (a)+(b) OR (d)+(e): ($000)

(a) Production of Plans and Specifications..... 600
(b) All Other Design Costs..... 550
(c) Total Design Cost..... 1,150
(d) Contract..... 135
(e) In-house..... 1,015

(4) Contruction Contract Award..... JAN 2001

1.COMPONENT	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		08 FEB 2000

3.INSTALLATION AND LOCATION

Carlisle Barracks, Pennsylvania

4.PROJECT TITLE	5.PROJECT NUMBER
Academic Research Facility	21431

12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

(5) Construction Start..... FEB 2001

(6) Construction Completion..... OCT 2003

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

Equipment Nomenclature	Procuring Appropriation	Fiscal Year Appropriated Or Requested	Cost ($000)
Moveable Storage Systems	OPA	2002	830
Interior Security System	OPA	2002	149
Info Sys - ISC	OPA	2002	9
Info Sys - PROP	OPA	2002	2,779
		TOTAL	3,767

Installation Engineer: Alan K. Thompson, P.E.
Phone Number: 717 245-4040

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1. COMPONENT ARMY	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. DATE 08 FEB 2000
3. INSTALLATION AND LOCATION Defense Distribution Center Pennsylvania	4. COMMAND US Army Materiel Command	5. AREA CONSTRUCTION COST INDEX 0.94

6. PERSONNEL STRENGTH:

	PERMANENT			STUDENTS			SUPPORTED			
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF 30 SEP 1999	0	0	0	0	0	0	0	0	0	0
B. END FY 2005	0	0	0	0	0	0	0	0	0	0

7. INVENTORY DATA ($000)

A. TOTAL AREA..... 344 ha (849 AC)

B. INVENTORY TOTAL AS OF 30 SEP 1999.....	127,446
C. AUTHORIZATION NOT YET IN INVENTORY.....	5,333
D. AUTHORIZATION REQUESTED IN THE FY 2001 PROGRAM.....	3,700
E. AUTHORIZATION INCLUDED IN THE FY 2002 PROGRAM.....	0
F. PLANNED IN NEXT THREE YEARS (NEW MISSION ONLY).....	0
G. REMAINING DEFICIENCY.....	5,610
H. GRAND TOTAL.....	142,089

8. PROJECTS REQUESTED IN THE FY 2001 PROGRAM:

CATEGORY CODE	PROJECT NUMBER	PROJECT TITLE	COST ($000)	DESIGN STATUS START	DESIGN STATUS COMPLETE
610	52677	Military Entrance Processing Station	3,700	12/1999	09/2000
		TOTAL	3,700		

9. FUTURE PROJECTS:

CATEGORY CODE	PROJECT TITLE	COST ($000)

A. INCLUDED IN THE FY 2002 PROGRAM: NONE

B. PLANNED NEXT THREE PROGRAM YEARS (NEW MISSION ONLY): NONE

10. MISSION OR MAJOR FUNCTIONS:

New Cumberland Army Depot serves as the US Army Materiel Command's Eastern Distribution Facility in support of US Army Europe and 22 eastern and mid-western states. The depot is responsible for the receipt, storage, care, preservation, and shipment of Department of Defense, Agency for International Development and installation operating supplies.

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:

	($000)
A. AIR POLLUTION	0
B. WATER POLLUTION	0
C. OCCUPATIONAL SAFETY AND HEALTH	0

1. COMPONENT ARMY	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. DATE 08 FEB 2000

INSTALLATION AND LOCATION: Defense Distribution Center Pennsylvania

REMARKS :

Non-ISR Installation.

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

DD FORM 1 DEC 76 1390C

1.COMPONENT	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		08 FEB 2000

3.INSTALLATION AND LOCATION	4.PROJECT TITLE
Defense Distribution Center Pennsylvania	Military Entrance Processing Station

5.PROGRAM ELEMENT	6.CATEGORY CODE	7.PROJECT NUMBER	8.PROJECT COST ($000)
85796A	610	52677	Auth 3,700 Approp 3,700

9.COST ESTIMATES

ITEM	UM (M/E)	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITY				2,873
Military Entrance Process Sta.	m2 (SF)	2,202 (23,697)	1,239	(2,728)
Building Information Systems	LS	--	--	(145)
SUPPORTING FACILITIES				624
Electric Service	LS	--	--	(105)
Water, Sewer, Gas	LS	--	--	(61)
Paving, Walks, Curbs & Gutters	LS	--	--	(170)
Storm Drainage	LS	--	--	(64)
Site Imp(182) Demo( )	LS	--	--	(182)
Information Systems	LS	--	--	(42)
ESTIMATED CONTRACT COST				3,497
CONTINGENCY PERCENT (.00 %)				
SUBTOTAL				3,497
SUPV, INSP & OVERHEAD (5.70%)				199
TOTAL REQUEST				3,696
TOTAL REQUEST (ROUNDED)				3,700
INSTALLED EQT-OTHER APPROP				()

10.Description of Proposed Construction Construct a modified standard-design Military Entrance Processing Station (MEPS) facility. Project includes a headquarters area, testing, medical, liason room, music and paging systems, operations, reception and orientation areas. Supporting facilities include utilities; electric service; fire protection and alarm systems; paving, walks, curbs and gutters; parking; storm drainage; information systems; and site improvements. Heating (gas-fired) and air conditioning (80 tons) will be provided by self-contained units. Access for the handicapped will be provided. Comprehensive building and furnishing related interior design servces are required.

11. REQ: 2,202 m2 ADQT: NONE SUBSTD: NONE

PROJECT: Construct a Military Entrance Processing Station (MEPS). (Current Mission)

REQUIREMENT: Project is required to provide a more efficient and cost effective facility for processing applicants into military service while improving the quality of life for all MEPS personnel.

CURRENT SITUATION: The present MEPS facility is located in leased space. The annuaul lease cost for this facility is $498,156, a cost that escalates approximately three percent each year.

1.COMPONENT	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		08 FEB 2000

3.INSTALLATION AND LOCATION

Defense Distribution Center, Pennsylvania

4.PROJECT TITLE	5.PROJECT NUMBER
Military Entrance Processing Station	52677

IMPACT IF NOT PROVIDED: If this project is not provided, the MEPS will have to continue to operate out of the leased facility at a much higher cost.
ADDITIONAL: This project has been coordinated with the installation physical security plan and all required physical security measures are included. Also, anti- terrorism/force protection measures are required. An economic analysis has been prepared and was utilized in evaluating this project. This is the most cost effective method to satisfy this requirement. A parametric estimate has been used to develop this budget estimate.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

(a) Date Design Started..... DEC 1999
(b) Percent Complete As Of January 2000..... 5.00
(c) Date 35% Designed..... MAY 2000
(d) Date Design Complete..... SEP 2000
(e) Parametric Cost Estimating Used to Develop Costs NO
(f) Type of Design Contract: design-bid-build
(g) An energy study and life cycle cost analysis will be documented during the final design.

(2) Basis:

(a) Standard or Definitive Design: YES
(b) Where Most Recently Used:
Fort George G Meade

(3) Total Design Cost (c) = (a)+(b) OR (d)+(e): ($000)

(a) Production of Plans and Specifications..... 220
(b) All Other Design Costs..... 270
(c) Total Design Cost..... 490
(d) Contract..... 40
(e) In-house..... 450

(4) Contruction Contract Award..... JUL 2001

(5) Construction Start..... AUG 2001

(6) Construction Completion..... JUL 2002

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED
DD FORM 1 DEC 76 1391C

1.COMPONENT	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		08 FEB 2000

3.INSTALLATION AND LOCATION

Defense Distribution Center, Pennsylvania

4.PROJECT TITLE	5.PROJECT NUMBER
Military Entrance Processing Station	52677

12. SUPPLEMENTAL DATA: (CONTINUED)

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

Equipment Nomenclature	Procuring Appropriation	Fiscal Year Appropriated Or Requested	Cost ($000)
	NA		

Installation Engineer: Frank Sullivan
Phone Number: 717 770-5905

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DEPARTMENT OF THE ARMY
FISCAL YEAR 2001
MILITARY CONSTRUCTION (PART I)
(DOLLARS ARE IN THOUSANDS)

STATE	PROJECT NUMBER	INSTALLATION (COMMAND) / PROJECT TITLE	AUTHORIZATION REQUEST	APPROPRIATION REQUEST	NEW/ CURRENT MISSION	PAGE
Texas		Fort Bliss (TRADOC)				211
	41668	Railyard Infrastructure	26,000	26,000	C	213
		Subtotal Fort Bliss PART I	$ 26,000	26,000		
		Fort Hood (FORSCOM)				217
	20276	Railhead Facility - Phase III	9,800	9,800	C	219
	51915	Multi-purpose Digital Training Range Ph I	26,000	16,000	C	223
		Subtotal Fort Hood PART I	$ 35,800	25,800		
		Red River Army Depot (AMC)				229
	45210	Ammunition Container Complex	800	800	C	231
		Subtotal Red River Army Depot PART I	$ 800	800		
		* TOTAL MCA FOR Texas	$ 62,600	52,600		
** TOTAL INSIDE THE UNITED STATES FOR MCA			$ 485,682	694,632		

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1. COMPONENT	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. DATE
ARMY		08 FEB 2000

3. INSTALLATION AND LOCATION	4. COMMAND	5. AREA CONSTRUCTION COST INDEX
Fort Bliss Texas	US Army Training and Doctrine Command	0.91

6. PERSONNEL STRENGTH:

	PERMANENT			STUDENTS			SUPPORTED			
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF 30 SEP 1999	1503	7782	2443	265	1653	3	113	283	4059	18,104
B. END FY 2005	1566	8238	2097	193	2352	3	113	262	4059	18,883

7. INVENTORY DATA ($000)

A. TOTAL AREA..... 455,877 ha (1,126,492 AC)	
B. INVENTORY TOTAL AS OF 30 SEP 1999.....	3,067,988
C. AUTHORIZATION NOT YET IN INVENTORY.....	134,867
D. AUTHORIZATION REQUESTED IN THE FY 2001 PROGRAM.....	26,000
E. AUTHORIZATION INCLUDED IN THE FY 2002 PROGRAM.....	0
F. PLANNED IN NEXT THREE YEARS (NEW MISSION ONLY).....	0
G. REMAINING DEFICIENCY.....	79,462
H. GRAND TOTAL.....	3,308,317

8. PROJECTS REQUESTED IN THE FY 2001 PROGRAM:

CATEGORY CODE	PROJECT NUMBER	PROJECT TITLE	COST ($000)	DESIGN STATUS START	DESIGN STATUS COMPLETE
860	41668	Railyard Infrastructure	26,000	01/1999	03/2001
		TOTAL	26,000		

9. FUTURE PROJECTS:

CATEGORY CODE	PROJECT TITLE	COST ($000)

A. INCLUDED IN THE FY 2002 PROGRAM: NONE

B. PLANNED NEXT THREE PROGRAM YEARS (NEW MISSION ONLY): NONE

10. MISSION OR MAJOR FUNCTIONS:

Provides support to the US Army Air Defense Center and School; William Beaumont Army Medical Center; US Army Sergeants Major Academy, and other tenant activities and units.

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:

	($000)
A. AIR POLLUTION	0
B. WATER POLLUTION	0
C. OCCUPATIONAL SAFETY AND HEALTH	0

1. COMPONENT ARMY	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. DATE 08 FEB 2000

INSTALLATION AND LOCATION: Fort Bliss Texas

REMARKS :

The estimated cost to remedy the deficiencies in all existing permanent and semi-permanent facilities at this installation is $665,533,000 based on the Installation Status Report Information on conditions as of October 1999.

PREVIOUS EDITIONS MAY BE USED INTERNALLY
UNTIL EXHAUSTED

DD FORM 1 DEC 76 1390C

1.COMPONENT	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		08 FEB 2000

3.INSTALLATION AND LOCATION	4.PROJECT TITLE
Fort Bliss Texas	Railyard Infrastructure

5.PROGRAM ELEMENT	6.CATEGORY CODE	7.PROJECT NUMBER	8.PROJECT COST ($000)
46029A	860	41668	Auth 26,000 Approp 26,000

9.COST ESTIMATES

ITEM	UM (M/E)	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITY				18,648
Railroad Tracks	m (LF)	15,411 (50,560)	582.86	(8,982)
Turnouts	EA	24 --	36,593	(878)
Repair Railroad Tracks	m (LF)	891.84 (2,926)	72.70	(65)
Loading Ramps- Rail	EA	9 --	74,175	(668)
Loading Ramps- Truck	LS	--	--	(95)
Total from Continuation page				(7,960)
SUPPORTING FACILITIES				6,227
Electric Service	LS	--	--	(2,719)
Water, Sewer, Gas	LS	--	--	(601)
Paving, Walks, Curbs & Gutters	LS	--	--	(55)
Storm Drainage	LS	--	--	(402)
Site Imp(834) Demo( )	LS	--	--	(834)
Information Systems	LS	--	--	(1,046)
Antiterrorism/Force Protection	LS	--	--	(570)
ESTIMATED CONTRACT COST				24,875
CONTINGENCY PERCENT (.00 %)				
SUBTOTAL				24,875
SUPV, INSP & OVERHEAD (5.70%)				1,418
TOTAL REQUEST				26,293
TOTAL REQUEST (ROUNDED)				26,000
INSTALLED EQT-OTHER APPROP				()

10.Description of Proposed Construction

Construct a rail deployment facility to support the rapid deployment of strategic mobility forces. The facility will consist of rail loading spurs with loading ramps, rail storage spurs, turnouts, switches, engine maintenance shop, material handling equipment (MHE) shelter, purchase and repair of existing leased rail line, paved marshalling area, wash facility, paved road access, "hot" ammunition (ammo) loading area, paved container storage and loading area, platform scales, operations building, latrines, personnel sun shelters, ammo rail loading ramp and truck loading ramp. Project includes preparation work for future energy monitoring and control system (EMCS). Supporting facilities include utilities; electric service; fire protection and alarm systems; paving, walks, curbs and gutters; lightning protection; night operation lighting; perimeter security fencing and gates with lighting; storm drainage; information systems; and site improvements. Heating (gas-fired) and evaporative cooling will be provided by self-contained systems. Anti- terrorism/force protection measures include site work.

11. REQ: 15,411 m ADQT: NONE SUBSTD: 4,999 m

PROJECT: Construct a rail deployment facility in support of the Army Strategic Mobility Program (ASMP). (Current Mission)

1.COMPONENT	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		08 FEB 2000

3.INSTALLATION AND LOCATION

Fort Bliss, Texas

4.PROJECT TITLE	5.PROJECT NUMBER
Railyard Infrastructure	41668

9. COST ESTIMATES (CONTINUED)

Item	UM (M/E)	QUANTITY		Unit COST	Cost ($000)
PRIMARY FACILITY (CONTINUED)					
Container Storage Yard	m2 (SY)	6,522	(7,800)	47.31	(309)
Container Loading Area	m2 (SY)	7,943	(9,500)	44.95	(357)
Roadway Wheeled Vehicles	m2 (SY)	11,288	(13,500)	29.58	(334)
Operations Building	m2 (SF)	148.64	(1,600)	1,331	(198)
Latrines	m2 (SF)	83.61	(900)	1,278	(107)
Sun Shelters	m2 (SF)	278.71	(3,000)	372.65	(104)
Railroad Engine Shop	m2 (SF)	668.90	(7,200)	1,437	(961)
Material Handling Equip. Shelte	m2 (SF)	668.90	(7,200)	425.82	(285)
Concrete Paving	m2 (SY)	122,464	(146,466)	33.85	(4,146)
Crushed Stone	m2 (SY)	57,600	(68,889)	4.84	(279)
Hot Ammo Loading Area	LS		--	--	(594)
Platform Scales	EA	2	--	98,423	(197)
Building Information Systems	LS		--	--	(89)
				Total	7,960

REQUIREMENT: This project is required to provide a new rail deployment facility capable of accomplishing rail load-out functions for the Patriot Battalions of the 11th, 31st, 35th and 108th Air Defense Artillery Brigades (ADA Bde) and key mobilizing reserve units within the designated time frames. A new rail deployment facility is required to consolidate and improve efficiency and safety of rail loading operations. A "hot" ammo loading area is also required to accommodate the uploading of basic load ammo onto tactical vehicles and the loading of these vehicles onto rail cars. In addition to the Army Strategic Mobility Program, this rail facility will also support numerous other rail load-unload requirements. Annual requirements for military unit load-unload operations is approximately 16 (2 regimental, 9 battalion and 5 company units). Units/exercises include: National Training Center (NTC) rotation and 3d Corps EDRE; 11th Bde ADA Bns, various ADA exercises; Roving Sands (Joint Chiefs of Staff (JCS) Exercise); JTF-6, multi-service units; Fort Sill and Fort Bragg Battalion units; National Guard and Reserve units.

CURRENT SITUATION: Deployment rail loading operations are currently accomplished at six different rail loading sites. These existing loading sites do not provide the necessary load-out capability within the required time frame. Additionally, one of the major loading sites is located near a housing area, creating an unsafe working situation and an inappropriate environment for the housing area. The rail access route for this site is through another family housing area. The engine must push the rail cars through this housing area and across several busy streets, an inherent safety hazard. The site is located so that access for vehicles and equipment to be loaded is via congested private property. Night loading is risky due to limited lighting.

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

DD FORM 1 DEC 76 1391C

1.COMPONENT	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		08 FEB 2000

3.INSTALLATION AND LOCATION

Fort Bliss, Texas

4.PROJECT TITLE	5.PROJECT NUMBER
Railyard Infrastructure	41668

CURRENT SITUATION: (CONTINUED)
Due to disbursement of sites, trains are formed and stored in areas that are not up to AAR standards. Additionally, unit movements personnel, unit personnel and tools/equipment are spread between the different loading sites reducing efficiency and causing undue delays. One of the six loading sites has not been upgraded and is virtually unusable in its present condition.
IMPACT IF NOT PROVIDED: If this project is not provided, the deployment of Patriot Battalions and key mobilizing reserve units cannot be accomplished within their deployment window. The slow tedious operation of switching rail cars from the six loading sites will continue. This is a cumbersome procedure which delays the deployment operation. Command and control problems and the high probability of a serious accident and damage to equipment will continue to exist.
ADDITIONAL: This project has been coordinated with the installation physical security plan, and all required physical security measures are included. Also, all required anti-terrorism/force protection measures are included. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

(a) Date Design Started	JAN 1999
(b) Percent Complete As Of January 2000	35.00
(c) Date 35% Designed	JAN 2000
(d) Date Design Complete	MAR 2001
(e) Parametric Cost Estimating Used to Develop Costs	YES
(f) Type of Design Contract: design-bid-build	

(2) Basis:

(a) Standard or Definitive Design: NO

(3) Total Design Cost (c) = (a)+(b) OR (d)+(e): ($000)

(a) Production of Plans and Specifications	1,550
(b) All Other Design Costs	1,060
(c) Total Design Cost	2,610
(d) Contract	2,030
(e) In-house	580

(4) Contruction Contract Award	JUN 2001
(5) Construction Start	AUG 2001
(6) Construction Completion	SEP 2003

1.COMPONENT	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		08 FEB 2000

3.INSTALLATION AND LOCATION

Fort Bliss, Texas

4.PROJECT TITLE	5.PROJECT NUMBER
Railyard Infrastructure	41668

12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

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

Equipment Nomenclature	Procuring Appropriation	Fiscal Year Appropriated Or Requested	Cost ($000)
	NA		

Installation Engineer: RAYFORD L. SHAW, COL ENG
Phone Number: DSN978-6200

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

DD FORM 1 DEC 76 1391C

1. COMPONENT	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. DATE
ARMY		08 FEB 2000

3. INSTALLATION AND LOCATION	4. COMMAND	5. AREA CONSTRUCTION COST INDEX
Fort Hood Texas	US Army Forces Command	0.86

6. PERSONNEL STRENGTH:

	PERMANENT			STUDENTS			SUPPORTED			
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF 30 SEP 1999	4582	37110	3517	0	306	0	73	304	2818	48,710
B. END FY 2005	4910	36442	3176	0	546	0	77	306	2818	48,275

7. INVENTORY DATA ($000)

A. TOTAL AREA.....	86,745 ha (214,352 AC)	
B. INVENTORY TOTAL AS OF 30 SEP 1999.....		4,540,863
C. AUTHORIZATION NOT YET IN INVENTORY.....		256,200
D. AUTHORIZATION REQUESTED IN THE FY 2001 PROGRAM.....		35,800
E. AUTHORIZATION INCLUDED IN THE FY 2002 PROGRAM.....		0
F. PLANNED IN NEXT THREE YEARS (NEW MISSION ONLY).....		0
G. REMAINING DEFICIENCY.....		107,593
H. GRAND TOTAL.....		4,930,456

8. PROJECTS REQUESTED IN THE FY 2001 PROGRAM:

CATEGORY CODE	PROJECT NUMBER	PROJECT TITLE	COST ($000)	DESIGN STATUS START	DESIGN STATUS COMPLETE
860	20276	Railhead Facility - Phase III	9,800	03/1997	08/2000
178	51915	Multi-purpose Digital Training Range Ph I	16,000	05/1999	09/2000
		TOTAL	25,800		

9. FUTURE PROJECTS:

CATEGORY CODE	PROJECT TITLE	COST ($000)
A. INCLUDED IN THE FY 2002 PROGRAM:		
178	Multi-Purpose Digital Training Rg Ph II	10,000

B. PLANNED NEXT THREE PROGRAM YEARS (NEW MISSION ONLY): NONE

10. MISSION OR MAJOR FUNCTIONS:

Support and training of III Corps Headquarters and organizations assigned to III Corps, including 1st CAV Division. Ensure the most efficient utilization of resources to operate Fort Hood and accomplish all assigned missions. Ensure Fort Hood is prepared for mobilization.

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:

	($000)
A. AIR POLLUTION	0
B. WATER POLLUTION	0
C. OCCUPATIONAL SAFETY AND HEALTH	0

1. COMPONENT ARMY	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. DATE 08 FEB 2000

INSTALLATION AND LOCATION: Fort Hood Texas

REMARKS :

The estimated cost to remedy the deficiencies in all existing permanent and semi-permanent facilities at this installation is $651,694,000 based on the Installation Status Report Information on conditions as of October 1999.

PREVIOUS EDITIONS MAY BE USED INTERNALLY
UNTIL EXHAUSTED

DD FORM 1 DEC 76 1390C

1.COMPONENT	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		08 FEB 2000

3.INSTALLATION AND LOCATION	4.PROJECT TITLE
Fort Hood Texas	Railhead Facility - Phase III

5.PROGRAM ELEMENT	6.CATEGORY CODE	7.PROJECT NUMBER	8.PROJECT COST ($000)
46029A	860	20276	Auth 9,800 Approp 9,800

9.COST ESTIMATES

ITEM	UM (M/E)	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITY				24,309
Engine Maintenance Facility	m2 (SF)	745 (8,019)	2,086	(1,554)
Rail Operations Facility	m2 (SF)	278.80 (3,001)	1,354	(377)
Deployment Warehouse	m2 (SF)	2,493 (26,834)	623.86	(1,555)
DRRF Admin Facility	m2 (SF)	278.80 (3,001)	2,436	(679)
Scale House	m2 (SF)	6 (64.58)	1,159	(7)
Total from Continuation page				(20,137)
SUPPORTING FACILITIES				18,548
Electric Service	LS	--	--	(1,684)
Water, Sewer, Gas	LS	--	--	(612)
Paving, Walks, Curbs & Gutters	LS	--	--	(3,190)
Storm Drainage	LS	--	--	(308)
Site Imp(12,714) Demo( )	LS	--	--	(12,714)
Information Systems	LS	--	--	(40)
ESTIMATED CONTRACT COST				42,857
CONTINGENCY PERCENT (.00 %)				
SUBTOTAL				42,857
SUPV, INSP & OVERHEAD (5.70%)				2,443
TOTAL REQUEST				45,300
TOTAL REQUEST (ROUNDED)				45,300
INSTALLED EQT-OTHER APPROP				()

10.Description of Proposed Construction

This last increment will complete this project which was initially authorized in FY 1999, and incrementally appropriated in FY 1999 and FY 2000. The main reason for the cost increase was a resiting to comply with explosive safety distance requirements. The base contract was awarded in FY 1999. The total project includes 12 railroad loading spurs with drive-on end ramps; trailer on flat car (TOFC) and container on flat car dock; floodlighting; nine rail car sorting and classification tracks, three for TOFC and gondolas and six tracks for 40 various size cars on each track; latrine facility; engine maintenance facility with refueling station and sand dispensing system; warehouse for deployment storage; instruction building; staging area hardstand; vehicle wash facility for final cleaning prior to loading onto rail carriers; tactical vehicle scales (110 ton capacity); rail operations facility with latrine; wye to turn a string of 50 railcars; ammunition upload area for loading combat loads of ammunition prior to shipment; associated switches; and connecting link to existing Burlington Northern & Santa Fe (BN&SF) rail system. Spurs shall be of sufficient length to hold 20 each 89-foot (2,100 feet) railroad cars and should be a minimum of 50 feet apart from center of track to center of track to allow maintenance and support vehicles passage between spurs. Provide six side ramps to facilitate the handling of materials in boxcars. Supporting facilities include utilities,

1.COMPONENT	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		08 FEB 2000

3.INSTALLATION AND LOCATION

Fort Hood, Texas

4.PROJECT TITLE	5.PROJECT NUMBER
Railhead Facility - Phase III	20276

9. COST ESTIMATES (CONTINUED)

Item	UM (M/E)	QUANTITY		Unit COST	Cost ($000)
PRIMARY FACILITY (CONTINUED)					
Control Tower	m2 (SF)	25	(269.10)	9,475	(237)
Vehicle Wash Facility	m2 (SF)	795	(8,557)	558.23	(444)
Rail Track & Switches	m (LF)	24,076	(78,990)	483.81	(11,648)
Turnouts	EA	37	--	45,002	(1,665)
C/TOFC Loading Area	m2 (SF)	11,182	(120,362)	110.71	(1,238)
Storage Area	m2 (SF)	10,600	(114,097)	94.75	(1,004)
Vehicle Staging Hardstand	m2 (SF)	50,310	(541,532)	73.62	(3,704)
Latrine	m2 (SF)	112	(1,206)	1,648	(185)
Building Information Systems	LS		--	--	(12)
				Total	20,137

DESCRIPTION OF PROPOSED CONSTRUCTION: (CONTINUED)
lighting for ramps and staging area, storm drainage, paving, hardstand and electrical power. This project is Phase III of three phases (Phase I, Project Number (PN) 19528 (FY 99) and Phase II PN 50785 (FY 2000). Phase III is for $9.8 million of the total $45.3 million cost. Phase III will fund the following items which were not affordable with the Phase I and II appropriations: track to existing railhead; engine maintenance facility; container loading/storage aprons; Deployment Ready Reaction Field (DRRF) operations building; turning wye; vehicle wash facility; rail yard control tower; and scale house. Supporting facilities include electric service, lighting for loading/storage areas, signals, water and sewer, storm drainage and paving.

---

11. REQ: 26,975 m ADQT: NONE SUBSTD: 26,975 m
PROJECT: Construct a rail loading facility at Fort Hood in support of the Army mobilization and deployment mission. (Current Mission)
REQUIREMENT: The Army's mobility challenge is to deploy two heavy divisions within the theater of operations by C+30 (Days). This project is required to provide adequate rail loading capability for Fort Hood's deployment mobilization mission of providing one of those two heavy divisions. In order to meet this challenge Fort Hood must move a complete Brigade Combat Team array of equipment to port by C+4. A second Brigade Combat Team must be ready to load at port by C+6 and the third by C+8. A railhead operation capable of a 360 rail car loading cycle per day is the minimum requirement to meet this deployment mission.
CURRENT SITUATION: The original railhead is located in a very congested area of the main cantonment. The size of this area is insufficient to accommodate staging operations prior to loading. Units are required to drive vehicles through the center of the main cantonment creating traffic congestion and

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED
DD FORM 1 DEC 76 1391C

CURRENT SITUATION: (CONTINUED)
unsafe conditions for pedestrians along the access thoroughfares. The existing railhead consists of eight spurs and one siding that can provide a maximum 180 rail car loading cycle per day. The existing rail network is essential to the posts readiness, however, existing spurs and tracks contain inadequate storage and no provisions for container loading operations other than mobile fork lifts and cranes. The limited space at the railhead restricts container and vehicle loading operations at the same time. The existing spurs and ramps are too close to one another to allow vehicles and loading equipment to maneuver between lines.
IMPACT IF NOT PROVIDED: If this project is not provided, the use of an insufficient rail loading site not capable of meeting the Army's mobilization deployment time frame will continue thus reducing the combat effectiveness required at C+30 in theater.
ADDITIONAL: This project has been coordinated with the installation physical security plan, and all required physical security measures are included. Also, no anti-terrorism/force protection measures are required.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

(a) Date Design Started	MAR 1997
(b) Percent Complete As Of January 2000	90.00
(c) Date 35% Designed	SEP 1998
(d) Date Design Complete	AUG 2000
(e) Parametric Cost Estimating Used to Develop Costs	NO
(f) Type of Design Contract: design-bid-build	

(2) Basis:
(a) Standard or Definitive Design: NO

(3) Total Design Cost (c) = (a)+(b) OR (d)+(e):

	($000)
(a) Production of Plans and Specifications	400
(b) All Other Design Costs	200
(c) Total Design Cost	600
(d) Contract	150
(e) In-house	450

(4) Contruction Contract Award	SEP 2001
(5) Construction Start	NOV 2001
(6) Construction Completion	MAR 2002

1.COMPONENT	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		08 FEB 2000

3.INSTALLATION AND LOCATION

Fort Hood, Texas

4.PROJECT TITLE	5.PROJECT NUMBER
Railhead Facility - Phase III	20276

12. SUPPLEMENTAL DATA: (CONTINUED)

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

Equipment Nomenclature	Procuring Appropriation	Fiscal Year Appropriated Or Requested	Cost ($000)
	NA		

Installation Engineer: COL Richard Craig
Phone Number: 254 287-5707

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DD FORM 1 DEC 76 1391C

1.COMPONENT	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		08 FEB 2000

3.INSTALLATION AND LOCATION	4.PROJECT TITLE
Fort Hood Texas	Multi-purpose Digital Training Range Ph I

5.PROGRAM ELEMENT	6.CATEGORY CODE	7.PROJECT NUMBER	8.PROJECT COST ($000)
22696A	178	51915	Auth 26,000 Approp 16,000

9.COST ESTIMATES

ITEM	UM (M/E)	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITY				17,308
Central Control Building	m2 (SF)	200 (2,153)	1,625	(325)
Central Maintenance Facility	m2 (SF)	200 (2,153)	1,007	(201)
General Instruction Building (2	m2 (SF)	149 (1,604)	985.22	(147)
Field Service Latrines (2 Each)	m2 (SF)	44 (473.61)	2,687	(118)
After Action Review Building	m2 (SF)	279 (3,003)	1,061	(296)
Total from Continuation page				(16,221)
SUPPORTING FACILITIES				7,704
Electric Service	LS	--	--	(801)
Paving, Walks, Curbs & Gutters	LS	--	--	(226)
Storm Drainage	LS	--	--	(158)
Site Imp(5,851) Demo( )	LS	--	--	(5,851)
Information Systems	LS	--	--	(165)
Ordance Removal	LS	--	--	(503)
ESTIMATED CONTRACT COST				25,012
CONTINGENCY PERCENT (.00 %)				
SUBTOTAL				25,012
SUPV, INSP & OVERHEAD (5.70%)				1,426
TOTAL REQUEST				26,438
TOTAL REQUEST (ROUNDED)				26,000
INSTALLED EQT-OTHER APPROP				(9,791)

10.Description of Proposed Construction

The Army is requesting full authorization of $26 million and appropriation of $16 million for this incrementally funded project. In addition, advance appropriation for $10 million is requested for Fiscal Year 2002. Modernize and configure two existing multi-use ranges, Clabber Creek and Jack Mountain, to support the digital force to include the Army After Next (AAN). Construct an eight-lane Digital Multi Purpose Range Complex (DMPRC). The new range will contain 28 moving infantry targets, 210 stationary infantry targets, 12 evasive capable armor moving targets, 140 stationary armor targets, single point controller capable of interfacing with Force XXI Battle Command Brigade and Below (FBCB2) and all priority one systems, eight turret down defilade positions, 32 hull down defilade positions. Other range requirements include breach sites, infantry trenches and machinegun bunkers. Primary facilities are located inside the perimeter of the range complex and consist of central control building, central after action review building, central maintenance building, latrines, classrooms, helipad, improved Heavy Equipment Transport Truck (HETT) site, bore sight line, tow field, screen line, tactical vehicle staging and parking area, range flagpole, storm drainage, tank trails, service roads, improved low water crossings, primary electric, secondary power and data distribution system, emulsified service roads with culverts, heated and illuminated limit markers,

1.COMPONENT	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		08 FEB 2000

3.INSTALLATION AND LOCATION

Fort Hood, Texas

4.PROJECT TITLE	5.PROJECT NUMBER
Multi-purpose Digital Training Range Ph I	51915

9. COST ESTIMATES (CONTINUED)

Item	UM (M/E)	QUANTITY		Unit COST	Cost ($000)
PRIMARY FACILITY (CONTINUED)					
Machinegun Bunkers	EA	4	--	4,388	(18)
Defensive Trenches	m (LF)	92	(301.84)	2,239	(206)
Helipad	m2 (SF)	1,572	(16,921)	92.26	(145)
Screen & Boresight Lane Pad	m2 (SF)	600	(6,458)	63.56	(38)
Misfire Pit	EA	2	--	3,705	(7)
Obstacle Breach Site	EA	4	--	1,950	(8)
Stationary Armor Target Emplace	EA	140	--	11,699	(1,638)
Infantry Moving Target Emplacem	EA	28	--	26,271	(736)
Armor Moving Target Emplacement	EA	12	--	295,737	(3,549)
Stationary Infantry Target Empl	EA	210	--	1,173	(246)
Hull Down Defilade	EA	32	--	29,253	(936)
Turrent Down Defilade	EA	8	--	63,379	(507)
Plumb & Synchronize Station	EA	2	--	22,427	(45)
Targetry power	m (LF)	33,040	(108,399)	71.75	(2,371)
Power Center	EA	22	--	11,806	(260)
Data Cabling	m (LF)	40,203	(131,900)	32.50	(1,307)
Infrared Camaras	EA	7	--	49,684	(348)
Camara Tower	EA	5	--	4,929	(25)
Trails, Roads & Parking	m3 (CY)	80,000	(104,636)	36.11	(2,889)
Concrete Turning Pads, 120 Ea.	m3 (CY)	6,000	(7,848)	152.76	(917)
Building Information Systems	LS		--	--	(25)
				Total	16,221

DESCRIPTION OF PROPOSED CONSTRUCTION: (CONTINUED)
berms, after action review building, synchronization pads/ramps, and site improvements. Heating and air conditioning (15 tons) will be provided by a self-contained system in each building. Supporting facilities include electrical distribution, fiber optic communications, copper twisted pair phone lines, security fencing, and site improvements. Unexploded ordnance surface clearing will be done by Fort Hood Explosive Ordnance Personnel while sub surface clearing during construction will be done by the construction contractor. Targetry, AAR Equipment, training data collection, digital range C3 enhancement and single point controller will be funded by other procurement, Army (OPA).

11. REQ: 10 EA ADQT: NONE SUBSTD: 14 EA
PROJECT: Construct a Digital Multi-Purpose Range Complex. (Current Mission)
REQUIREMENT: The Digital Multi-Purpose Range Complex (DMPRC) will be embedded with the necessary information and telecommunications technologies to safely track and manage all forces undergoing Platoon live fire operations, to

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1.COMPONENT	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		08 FEB 2000

3.INSTALLATION AND LOCATION

Fort Hood, Texas

4.PROJECT TITLE	5.PROJECT NUMBER
Multi-purpose Digital Training Range Ph I	51915

REQUIREMENT: (CONTINUED)
accurately score all engagements against established standards, and to capture all the necessary telemetry and scoring information to thoroughly after action review (AAR) all live fire exercises. Included among the information technology (IT) enablers will be simulation systems (to create a synthetic picture of adjacent and enemy forces), and interfaces which allow targetry to be synchronized within realistic synthetic scenarios. Telecommunications enablers include fiber optic cabling with junction boxes to provide synthetic theater of war (STOW) linkages with other live and virtual training outside the range complex, and integrate Electronic Positioning Location Radio System (EPLRS), Single Channel Ground Airborne Radio System (SINCGARS), System Improvement Program (SIP), and other technical architecture necessary for supporting the full range of digital systems to be employed on the DMPRC. This DMPRC is required to provide digitally enhanced combat platforms with all the constituent elements featured in Force XXI (digital) warfighting operations. This range is required to provide extended breadth and depth of crew through Platoon live fire engagements against a wide variety of targetry. The range is required to safely, but effectively, control lethal fires from diverse combat platforms without intrusion into unit command integrity. The range is required to create a realistic digital environment; synthetically generating all the situational awareness and relevant common picture data for the unit's battlespace. The DMPRC must facilitate the simultaneous employment of all close combat and supporting systems contained in the emerging digital force including: M1A2 System Enhancement Program (SEP) Tank, M2A3 Bradley Fighting Vehicle (BFV), Paladin and Crusader Howitzers, M121 Digital Mortars with Mortar Fire Control System (JFCS), Javelin Anti-Tank System, Multiple Launched Rocket Systems, AVENGER, and Apache Longbow and Commanche helicopters. Moreover, the downrange area of the DMPRC must allow for the safe, simultaneous engagement by both direct and indirect fire systems in a footprint that is tactically realistic. DMPRC must accommodate the full range of target practice and service munitions.
CURRENT SITUATION: Current range facilities cannot support current and future standard live-fire training requirements for the M1 series tank or the M2/M3 Bradley Fighting Vehicle. The current ranges do not support the advanced weapons and command and control systems being fielded by the Digitized Force. Existing ranges are not capable of processing digital information, nor do they possess the systems to provide digital situational feedback to firing vehicles and units or receive digital reports. Present targetry, although current state-of-the-art technology, will not interact with either the firing element or the Range Operations Center Command and Control System. Additionally, the dimensions of present Fort Hood Live-fire complexes do not allow for the increased vehicle dispersion and longer weapons effective ranges for digital units. As the vanguard for the US Army's digitized force, Phantom Corps is currently fielding and testing the equipment which will transform it into Force XXI. Fort Hood requires a DMPRC to adequately train that force.

1.COMPONENT	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		08 FEB 2000

3.INSTALLATION AND LOCATION

Fort Hood, Texas

4.PROJECT TITLE	5.PROJECT NUMBER
Multi-purpose Digital Training Range Ph I	51915

IMPACT IF NOT PROVIDED: If this project is not provided, there will be a continuation of major training shortfalls for the Active Army, Army Reserve, and National Guard units training at Fort Hood. The mounted force cannot step forward to meet the realities of current and future deployments without a training facility aligned to readiness for this mission. Support of armor, combined arms training strategy (CATS), regional training center (RTC), and readiness of the armor force will be severely impaired. These various units will continue to train with little or no hope of attaining the degree of proficiency required for combat.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and all required physical security measures are included. Also, no anti-terrorism/force protection measures are required. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

(a) Date Design Started..... MAY 1999
(b) Percent Complete As Of January 2000..... 35.00
(c) Date 35% Designed..... JAN 2000
(d) Date Design Complete..... SEP 2000
(e) Parametric Cost Estimating Used to Develop Costs YES
(f) Type of Design Contract: design-bid-build

(2) Basis:

(a) Standard or Definitive Design: NO

(3) Total Design Cost (c) = (a)+(b) OR (d)+(e): ($000)

(a) Production of Plans and Specifications..... 1,400
(b) All Other Design Costs..... 840
(c) Total Design Cost..... 2,240
(d) Contract..... 1,680
(e) In-house..... 560

(4) Contruction Contract Award..... SEP 2001

(5) Construction Start..... NOV 2001

(6) Construction Completion..... NOV 2002

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1.COMPONENT	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		08 FEB 2000

3.INSTALLATION AND LOCATION

Fort Hood, Texas

4.PROJECT TITLE	5.PROJECT NUMBER
Multi-purpose Digital Training Range Ph I	51915

12. SUPPLEMENTAL DATA: (CONTINUED)

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

Equipment Nomenclature	Procuring Appropriation	Fiscal Year Appropriated Or Requested	Cost ($000)
Next Gen Army Tgty (NGAT)	OPA	2001	9,507
Info Sys - ISC	OPA	0000	284
		TOTAL	9,791

Installation Engineer: COL Richard Craig
Phone Number: 254 287-5707

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1. COMPONENT	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. DATE
ARMY		08 FEB 2000

3. INSTALLATION AND LOCATION	4. COMMAND	5. AREA CONSTRUCTION COST INDEX
Red River Army Depot Texas	US Army Materiel Command	0.89

6. PERSONNEL STRENGTH:

	PERMANENT			STUDENTS			SUPPORTED			
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF 30 SEP 1999	9	77	2097	0	0	0	1	0	1333	3,517
B. END FY 2005	9	77	1927	0	0	0	1	0	1333	3,347

7. INVENTORY DATA ($000)

A. TOTAL AREA..... 7,722 ha (19,081 AC)	
B. INVENTORY TOTAL AS OF 30 SEP 1999.....	1,489,675
C. AUTHORIZATION NOT YET IN INVENTORY.....	70,380
D. AUTHORIZATION REQUESTED IN THE FY 2001 PROGRAM.....	800
E. AUTHORIZATION INCLUDED IN THE FY 2002 PROGRAM.....	0
F. PLANNED IN NEXT THREE YEARS (NEW MISSION ONLY).....	0
G. REMAINING DEFICIENCY.....	40,653
H. GRAND TOTAL.....	1,601,508

8. PROJECTS REQUESTED IN THE FY 2001 PROGRAM:

CATEGORY CODE	PROJECT NUMBER	PROJECT TITLE	COST ($000)	DESIGN START	STATUS COMPLETE
451	45210	Ammunition Container Complex	800	03/1999	08/2000
		TOTAL	800		

9. FUTURE PROJECTS:

CATEGORY CODE	PROJECT TITLE	COST ($000)

A. INCLUDED IN THE FY 2002 PROGRAM: NONE

B. PLANNED NEXT THREE PROGRAM YEARS (NEW MISSION ONLY): NONE

10. MISSION OR MAJOR FUNCTIONS:

Provides support and facilities for US Army Depot Systems Command to include missions of supply, ammunition, maintenance, and quality. Major function includes support of a number of tenant activities: US Army Health Clinic, Intern Training Center, Defense Property Disposal Office, and USAMICON Chaparral Project Office.

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:

	($000)
A. AIR POLLUTION	0
B. WATER POLLUTION	0
C. OCCUPATIONAL SAFETY AND HEALTH	0

1. COMPONENT ARMY	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. DATE 08 FEB 2000

INSTALLATION AND LOCATION: Red River Army Depot Texas

REMARKS :

The estimated cost to remedy the deficiencies in all existing permanent and semi-permanent facilities at this installation is $68,400,000 based on the Installation Status Report Information on conditions as of October 1999.

PREVIOUS EDITIONS MAY BE USED INTERNALLY
UNTIL EXHAUSTED

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1.COMPONENT	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		08 FEB 2000

3.INSTALLATION AND LOCATION	4.PROJECT TITLE
Red River Army Depot Texas	Ammunition Container Complex

5.PROGRAM ELEMENT	6.CATEGORY CODE	7.PROJECT NUMBER	8.PROJECT COST ($000)
46029A	451	45210	Auth 800 Approp 800

9.COST ESTIMATES

ITEM	UM (M/E)	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITY				664
Container Complex	m2 (SY)	2,787 (3,333)	130.08	(363)
Access Road	m2 (SY)	1,271 (1,520)	95.96	(122)
Sally Port Road	m2 (SY)	483.28 (578)	98.66	(48)
Sally Port Area	m2 (SY)	1,380 (1,650)	61.37	(85)
Road Improvements	m2 (SY)	849.51 (1,016)	52.68	(45)
Building Information Systems	LS	--	--	(1)
SUPPORTING FACILITIES				93
Electric Service	LS	--	--	(26)
Storm Drainage	LS	--	--	(5)
Site Imp(32) Demo( )	LS	--	--	(32)
Information Systems	LS	--	--	(4)
Antiterrorism/Force Protection	LS	--	--	(26)
ESTIMATED CONTRACT COST				757
CONTINGENCY PERCENT (.00 %)				
SUBTOTAL				757
SUPV, INSP & OVERHEAD (5.70%)				43
TOTAL REQUEST				800
TOTAL REQUEST (ROUNDED)				800
INSTALLED EQT-OTHER APPROP				()

10.Description of Proposed Construction Construct a container complex at Area F, with heavy-duty pavement for handling containers up to 50,000 pounds, trucks, and material handling equipment. Install lightning protection, lighting for 24-hour operations and 110 volt receptacles. Install drainage features. Alter or improve existing asphalt roads near the new pad, and construct an additional road next to the pad. Alter the road surface through the sally port to the pad. Enlarge the sally port and pave the area, and install area lighting. Install pedestrian gates and motorized truck gates at the sally port. Supporting facilities include utilities; electric service; paving, walks, curbs and gutters; storm drainage; information systems; and site improvements. Air conditioning (1.5 tons) will be provided for office areas. Anti-terrorism/force protection measures include lighting and access control.

11. REQ: 8,918 m2 ADQT: 6,131 m2 SUBSTD: NONE

PROJECT: Construct an ammunition container complex. (Current Mission)

REQUIREMENT: This project is required to increase the Depot's capability to outload containerized ammunition consistent with shipping requirements assigned under the Army Strategic Mobility Program (ASMP). Outloading is based on the Industrial Operations Command (IOC) tiering of depots and ammunition container requirements as identified in the Mobility Requirements Study. Under

1.COMPONENT	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		08 FEB 2000

3.INSTALLATION AND LOCATION

Red River Army Depot, Texas

4.PROJECT TITLE	5.PROJECT NUMBER
Ammunition Container Complex	45210

REQUIREMENT: (CONTINUED)
ASMP, initial shipments of containers will provide elements of the Fast Reaction Force preparing at home stations for deployments; sustainment ammunition shipments will go to Atlantic or Pacific outports for surface transportation in support of outside continental United States (OCONUS) deployment of elements of the Armed Services, to ensure sustaining stocks are available in-theater when needed.
CURRENT SITUATION: Under ASMP, this site is assigned a shipping requirement of 133 containers per day, more than double the current capability (current capability is 52 containers per day). Existing stuffing and transfer pads are too small to meet projected ASMP requirements. Ammunition is now triple-handled, moving by semi-trailer or straddle carrier from the igloo to a loading pad, stuffed into a container, and the container subsequently picked up and loaded on a railcar for shipment.
IMPACT IF NOT PROVIDED: If this project is not provided, this Depot will not be able to increase ammunition shipping operations consistent with ASMP requirements. Delays in delivery of ammunition could delay departure of elements of the Rapid Reaction Force, or leave deployed elements critically short of ammunition should follow-on stocks not arrive in-theater as planned.
ADDITIONAL: This project has been coordinated with the installation physical security plan, and all required physical security measures are included. Also, all required anti-terrorism/force protection measures are included. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet this requirement.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

(a) Date Design Started..... MAR 1999
(b) Percent Complete As Of January 2000..... 60.00
(c) Date 35% Designed..... SEP 1999
(d) Date Design Complete..... AUG 2000
(e) Parametric Cost Estimating Used to Develop Costs YES
(f) Type of Design Contract: design-bid-build

(2) Basis:

(a) Standard or Definitive Design: NO

(3) Total Design Cost (c) = (a)+(b) OR (d)+(e): ($000)

(a) Production of Plans and Specifications..... 45
(b) All Other Design Costs..... 20
(c) Total Design Cost..... 65
(d) Contract..... 55
(e) In-house..... 10

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED
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1.COMPONENT	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		08 FEB 2000

3.INSTALLATION AND LOCATION

Red River Army Depot, Texas

4.PROJECT TITLE	5.PROJECT NUMBER
Ammunition Container Complex	45210

12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

(4) Contruction Contract Award..... NOV 2000

(5) Construction Start..... JAN 2001

(6) Construction Completion..... MAY 2002

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

Equipment Nomenclature	Procuring Appropriation	Fiscal Year Appropriated Or Requested	Cost ($000)
	NA		

Installation Engineer: Maurice Smith
Phone Number: 903 334-4029

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DEPARTMENT OF THE ARMY
FISCAL YEAR 2001
MILITARY CONSTRUCTION (PART I)
(DOLLARS ARE IN THOUSANDS)

STATE	PROJECT NUMBER	INSTALLATION (COMMAND) / PROJECT TITLE	AUTHORIZATION REQUEST	APPROPRIATION REQUEST	NEW/ CURRENT MISSION	PAGE
Germany		Germany Various (USAREUR)				237
		Bamberg				
	49358	Barracks Complex - Warner 7005	7,800	7,800	C	239
	51008	Barracks Complex - Warner 7041	3,850	3,850	C	242
		Darmstadt				
	49284	Barracks Complex - Cambrai Fritsch 4002	5,700	5,700	C	245
	49285	Barracks Complex - Kelley 4164	5,600	5,600	C	248
		Kaiserslautern				
	32977	Child Development Center	3,400	3,400	C	251
		Mannheim				
	52313	Barracks Complex - Coleman 11	4,050	4,050	C	254
		Subtotal Germany Various PART I	$ 30,400	30,400		
		* TOTAL MCA FOR Germany	$ 30,400	30,400		

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1. COMPONENT	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. DATE
ARMY		08 FEB 2000

3. INSTALLATION AND LOCATION	4. COMMAND	5. AREA CONSTRUCTION COST INDEX
Germany Various Germany	US Army Europe and Seventh Army	1.27

6. PERSONNEL STRENGTH:

	PERMANENT			STUDENTS			SUPPORTED			
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF 30 SEP 1999	10761	59938	41131	0	0	0	0	0	0	111,830
B. END FY 2005	10736	59277	40044	0	0	0	0	0	0	110,057

7. INVENTORY DATA ($000)

A. TOTAL AREA..... 0 ha (0 AC)

B. INVENTORY TOTAL AS OF 30 SEP 1999.....	0
C. AUTHORIZATION NOT YET IN INVENTORY.....	511,784
D. AUTHORIZATION REQUESTED IN THE FY 2001 PROGRAM.....	30,400
E. AUTHORIZATION INCLUDED IN THE FY 2002 PROGRAM.....	63,000
F. PLANNED IN NEXT THREE YEARS (NEW MISSION ONLY).....	0
G. REMAINING DEFICIENCY.....	1,429,581
H. GRAND TOTAL.....	2,034,765

8. PROJECTS REQUESTED IN THE FY 2001 PROGRAM:

CATEGORY CODE	PROJECT NUMBER	PROJECT TITLE	COST ($000)	DESIGN START	STATUS COMPLETE
740	32977	Child Development Center	3,400	09/1999	09/2000
721	49285	Barracks Complex - Kelley 4164	5,600	02/1999	01/2001
721	49284	Barracks Complex - Cambrai Fritsch 4002	5,700	02/1999	01/2001
721	49358	Barracks Complex - Warner 7005	7,800	04/1999	02/2001
721	51008	Barracks Complex - Warner 7041	3,850	04/1999	07/2000
721	52313	Barracks Complex - Coleman 11	4,050	03/1999	01/2001
		TOTAL	30,400		

9. FUTURE PROJECTS:

CATEGORY CODE	PROJECT TITLE	COST ($000)
A. INCLUDED IN THE FY 2002 PROGRAM:		
721	Barracks Complex - Warner 7044	23,000
721	Barracks Complex - Kelley 4163	7,300
721	Barracks Complex - Patton 114	7,300
721	Barracks Complex - Cambrai Fritsch 4001	7,300
721	Barracks Complex - Pioneer 8	8,400
721	Barracks Complex - Tompkins 4253	9,700
	TOTAL	63,000

1. COMPONENT ARMY	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. DATE 08 FEB 2000

INSTALLATION AND LOCATION: Germany Various Germany

10. MISSION OR MAJOR FUNCTIONS:
Support of US Army, Europe and Seventh Army.

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:

	($000)
A. AIR POLLUTION	0
B. WATER POLLUTION	0
C. OCCUPATIONAL SAFETY AND HEALTH	0

REMARKS :
The estimated cost to remedy the deficiencies in all existing permanent and semipermanent facilities at this installation is $5,931,117,000, based on the Installation Status Report Information on conditions as of October 1999.

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED
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1.COMPONENT	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		08 FEB 2000

3.INSTALLATION AND LOCATION	4.PROJECT TITLE
Bamberg Airfield Bamberg, Germany	Barracks Complex - Warner 7005

5.PROGRAM ELEMENT	6.CATEGORY CODE	7.PROJECT NUMBER	8.PROJECT COST ($000)
22696A	721	49358	Auth 7,800 Approp 7,800

9.COST ESTIMATES

ITEM	UM (M/E)	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITY				6,902
Modernize Barracks Building	m2 (SF)	7,023 (75,595)	950.67	(6,677)
Asbestos Removal	LS	--	--	(97)
IDS Installation	LS	--	--	(13)
Building Information Systems	LS	--	--	(115)
SUPPORTING FACILITIES				444
Electric Service	LS	--	--	(17)
Water, Sewer, Gas	LS	--	--	(95)
Paving, Walks, Curbs & Gutters	LS	--	--	(160)
Site Imp(154) Demo( )	LS	--	--	(154)
Information Systems	LS	--	--	(1)
Antiterrorism/Force Protection	LS	--	--	(17)
ESTIMATED CONTRACT COST				7,346
CONTINGENCY PERCENT (.00 %)				
SUBTOTAL				7,346
SUPV, INSP & OVERHEAD (6.50%)				477
TOTAL REQUEST				7,823
TOTAL REQUEST (ROUNDED)				7,800
INSTALLED EQT-OTHER APPROP				()

10.Description of Proposed Construction Modernize existing barracks to meet current Army standards. Work includes modules consisting of two living/sleeping rooms with a shared bathroom, individual walk-in closets and shared service area. Work also includes dayrooms, laundry rooms, personal storage bins, mudroom, janitor's closets, kitchenettes, auotmatic water sprinkler system, company operations and supply rooms to include arms rooms, and latrines. Install an intrusion detection system (IDS). Modernization addresses the major repair of structural and architectural components such as roofing and it's drainage, building shell weather protection and insulation, fenestration, exterior and interior egress/ingress, ceiling walls, floors and stairways. Also included are utility services such as plumbing, heating, ventilation, electrical and water supply. Supporting facilities include exterior utility supply lines; electric service; fire protection and alarm systems; paving, walks, curbs and gutters; parking; bicycle stands; television cabling (internal to building); information systems; and site improvements. Anti-terrorism/force protection measures include exterior lighting and site screening.

11. REQ: 1,536 PN ADQT: 374 PN SUBSTD: 1,162 PN

PROJECT: Modernize existing barracks building at Warner Barracks to meet current Army one-plus-one standard design. (Current Mission)

1.COMPONENT	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		08 FEB 2000

3.INSTALLATION AND LOCATION

Bamberg Airfield, Bamberg, Germany

4.PROJECT TITLE	5.PROJECT NUMBER
Barracks Complex - Warner 7005	49358

REQUIREMENT: Modern unaccompanied personnel housing (UPH) facilities are required to provide living quarters comparable with standards established as a minimum for soldiers worldwide. Intended utilization is 210 E1-E4 and 59 E5-E6. Maximum utilization is 314 personnel (PN).

CURRENT SITUATION: The existing barracks buildings at Warner Barracks in Bamberg were constructed for the German Army in 1935. Modernization is urgently required to correct deleterious physical conditions so that the building can continue to be used for its designated and essential functional purpose. The last major repairs done to this building were in 1974. The building functions as a barracks, but contains utility and service systems which are substandard, undersized, and are difficult to maintain. The utilities cannot handle the loads imposed on them by modern usage. The interior components of the building are in poor physical condition due to age and heavy usage. Building components have exceeded their useful life or do not meet current standards. Friable asbestos may be encountered on heating lines.

IMPACT IF NOT PROVIDED: If this project is not provided, soldiers will continue to live in substandard facilities that do not meet the minimum requirements for privacy and quality-of-life that have been approved by the Department of Defense. These substandard conditions will continue to negatively impact morale, readiness, and retention. In addition, this project is urgently needed to correct a defective real property condition. If this project is not accomplished, the condition of the building will continue to worsen, requiring ever-increasing spending on minor maintenance and repair.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and all required physical security measures are included. Also, all required anti-terrorism/force protection measures are included. This project is not eligible for NATO infrastructure support nor is it expected to become eligible in the foreseeable future. Alternative methods of meeting this requirement were explored during project development. This project is the only feasible option to meet the requirement. During the past two years, $3.5 million has been spent on Real Property Maintenance for unaccompanied enlisted personnel housing at Bamberg. Upon completion of this project and the other FY 2001 project, the remaining unaccompanied enlisted permanent party deficit is 775 personnel at this installation.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

(a) Date Design Started..... APR 1999

(b) Percent Complete As Of January 2000..... 35.00

(c) Date 35% Designed..... JAN 2000

(d) Date Design Complete..... FEB 2001

(e) Parametric Cost Estimating Used to Develop Costs YES

(f) Type of Design Contract: design-bid-build

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

DD FORM 1 DEC 76 1391C

1.COMPONENT	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		08 FEB 2000

3.INSTALLATION AND LOCATION

Bamberg Airfield, Bamberg, Germany

4.PROJECT TITLE	5.PROJECT NUMBER
Barracks Complex - Warner 7005	49358

12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

(2) Basis:

(a) Standard or Definitive Design: NO

(3) Total Design Cost (c) = (a)+(b) OR (d)+(e): ($000)

(a) Production of Plans and Specifications.....	230
(b) All Other Design Costs.....	298
(c) Total Design Cost.....	528
(d) Contract.....	398
(e) In-house.....	130

(4) Contruction Contract Award..... MAY 2001

(5) Construction Start..... JUL 2001

(6) Construction Completion..... JUL 2002

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

Equipment Nomenclature	Procuring Appropriation	Fiscal Year Appropriated Or Requested	Cost ($000)
	NA		

Installation Engineer: Mr. Gardner
Phone Number: DSN 469-1560

1.COMPONENT	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		08 FEB 2000

3.INSTALLATION AND LOCATION	4.PROJECT TITLE
Bamberg Airfield Bamberg, Germany	Barracks Complex - Warner 7041

5.PROGRAM ELEMENT	6.CATEGORY CODE	7.PROJECT NUMBER	8.PROJECT COST ($000)
22696A	721	51008	Auth 3,850 Approp 3,850

9.COST ESTIMATES

ITEM	UM (M/E)	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITY				3,504
Modernize Barracks Building	m2 (SF)	2,897 (31,185)	1,153	(3,340)
Asbestos Removal	LS	--	--	(53)
IDS Installation	LS	--	--	(5)
Building Information Systems	LS	--	--	(106)
SUPPORTING FACILITIES				130
Electric Service	LS	--	--	(4)
Water, Sewer, Gas	LS	--	--	(15)
Paving, Walks, Curbs & Gutters	LS	--	--	(38)
Site Imp(19) Demo( )	LS	--	--	(19)
Information Systems	LS	--	--	(2)
Antiterrorism/Force Protection	LS	--	--	(52)
ESTIMATED CONTRACT COST				3,634
CONTINGENCY PERCENT (.00 %)				
SUBTOTAL				3,634
SUPV, INSP & OVERHEAD (6.50%)				236
TOTAL REQUEST				3,870
TOTAL REQUEST (ROUNDED)				3,850
INSTALLED EQT-OTHER APPROP				()

10.Description of Proposed Construction Modernize barracks building to meet current Army standards. Barracks include living/sleeping rooms with a semi-private bath, walk-in closets and a shared service area. Project also includes dayroom, laundry room, company operations and supply, personal storage areas, common kitchenettes, mud room, arms room, storage rooms and conversion of administrative areas. Install an intrusion detection system (IDS). Modernization addresses the major repair of structural and architectural components such as roofing and drainage, building shell weather protection and insulation, asbestos removal, fenestration, exterior and interior egress/ingress, ceiling walls, floors and stairways. Supporting facilities include utilities; electric service; paving, walks, curbs, and gutters; parking; television cabling (internal to building); information systems; and site improvements. Heating and ventilation will be provided. Anti-terrorism force protection measures include site screening (barricades and landscaping) and exterior lighting.

11. REQ: 1,536 PN ADQT: 374 PN SUBSTD: 1,162 PN

PROJECT: Modernize an existing barracks to meet current Army standards. (Current Mission)

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

DD FORM 1 DEC 76 1391

1.COMPONENT	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		08 FEB 2000

3.INSTALLATION AND LOCATION

Bamberg Airfield, Bamberg, Germany

4.PROJECT TITLE	5.PROJECT NUMBER
Barracks Complex - Warner 7041	51008

REQUIREMENT: This project is required to provide a barracks which complies with current Army standards for quality of life in unaccompanied personnel housing. This project would provide improved living conditions, increased security and individual privacy for soldiers. Intended utilization is 47 E1-E4 and 15 E5-E6. Maximum utilization is 73 personnel.

CURRENT SITUATION: The existing World War II barracks buildings at Warner Barracks in Bamberg were constructed for the German Army in 1935. Modernization is urgently required to correct deteriorating physical conditions. The last major repairs done on this building were in 1974. The utility and service systems are substandard, undersized and are difficult to maintain. The utilities cannot handle the loads imposed on them by modern usage. The interior components of the building are in a poor physical condition due to age and heavy usage. Building components have exceeded their useful life or do not meet current living standards. Friable asbestos may be encountered on heating lines.

IMPACT IF NOT PROVIDED: If this project is not provided, soldiers will continue to live in substandard facilities that do not meet the minimum requirements for privacy and quality-of-life that have been approved by the Department of Defense. These substandard conditions will continue to negatively impact morale, readiness, and retention. In addition, this project is urgently needed to correct a defective real property condition. If this project is not accomplished, the condition of the building will continue to worsen, requiring ever-increasing spending on minor maintenance and repair.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and all required physical security measures are included. Also, all anti-terrorism/force protection measures are included. This project is located on an installation that will be retained by the US Army for the foreseeable future. Alternative methods of meeting this requirement were explored during project development. This project is the only feasible option to meet the requirement. This project is not eligible for NATO infrastructure support nor is it expected to become eligible in the foreseeable future. During the past two years, $3.5 million has been spent on Real Property Maintenance for unaccompanied enlisted personnel housing at Bamberg. Upon completion of this project and the other FY 2001 project, the remaining unaccompanied enlisted permanent party deficit is 775 personnel at this installation.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

(a) Date Design Started..... APR 1999

(b) Percent Complete As Of January 2000..... 35.00

(c) Date 35% Designed..... JAN 2000

(d) Date Design Complete..... JUL 2000

(e) Parametric Cost Estimating Used to Develop Costs YES

1.COMPONENT	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		08 FEB 2000

3.INSTALLATION AND LOCATION

Bamberg Airfield, Bamberg, Germany

4.PROJECT TITLE	5.PROJECT NUMBER
Barracks Complex - Warner 7041	51008

12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

(f) Type of Design Contract: design-bid-build

(2) Basis:

(a) Standard or Definitive Design: NO

(3) Total Design Cost (c) = (a)+(b) OR (d)+(e): ($000)

(a)	Production of Plans and Specifications.....	200
(b)	All Other Design Costs.....	195
(c)	Total Design Cost.....	395
(d)	Contract.....	270
(e)	In-house.....	125

(4) Contruction Contract Award..... FEB 2001

(5) Construction Start..... APR 2001

(6) Construction Completion..... APR 2002

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

Equipment Nomenclature	Procuring Appropriation	Fiscal Year Appropriated Or Requested	Cost ($000)
	NA		

Installation Engineer: Mr Gardner
Phone Number: DSN 469-1560

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

DD FORM 1 DEC 76 1391C

1.COMPONENT	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		08 FEB 2000

3.INSTALLATION AND LOCATION	4.PROJECT TITLE
Cambrai Fritsch Ksn Darmstadt, Germany	Barracks Complex - Cambrai Fritsch 4002

5.PROGRAM ELEMENT	6.CATEGORY CODE	7.PROJECT NUMBER	8.PROJECT COST ($000)
22696A	721	49284	Auth 5,700 Approp 5,700

9.COST ESTIMATES

ITEM	UM (M/E)	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITY				5,240
Modernize Barracks Building	m2 (SF)	5,085 (54,735)	993.19	(5,050)
Asbestos Abatement	LS	--	--	(72)
IDS Installation	LS	--	--	(5)
Building Information Systems	LS	--	--	(113)
SUPPORTING FACILITIES				155
Water, Sewer, Gas	LS	--	--	(4)
Paving, Walks, Curbs & Gutters	LS	--	--	(25)
Storm Drainage	LS	--	--	(6)
Site Imp(67) Demo( )	LS	--	--	(67)
Information Systems	LS	--	--	(1)
Antiterrorism/Force Protection	LS	--	--	(52)
ESTIMATED CONTRACT COST				5,395
CONTINGENCY PERCENT (.00 %)				
SUBTOTAL				5,395
SUPV, INSP & OVERHEAD (6.50%)				351
TOTAL REQUEST				5,746
TOTAL REQUEST (ROUNDED)				5,700
INSTALLED EQT-OTHER APPROP				()

10.Description of Proposed Construction Modernize existing barracks building to meet current Army standards. Work includes modules consisting of two individual living/sleeping rooms with a semi-private bathroom, walk-in closets and bulk storage and service areas. Project also includes dayroom, laundry room, company operations and supply, personal storage areas, common kitchenettes, mud room, arms room, storage rooms and conversion of administrative areas. Install an intrusion detection system (IDS). Modernization addresses the major repair of structural and architectural components such as roofing and its drainage, building shell weather protection and insulation, fenestration, asbestos removal, exterior and interior egress/ingress, ceiling walls and floors and stairways. Supporting facilities include utilities; television cabling (internal to building); paving, walks, curbs and gutters; parking; storm drainage; information systems; and site improvements. Heating will be provided by an existing district heat system. Anti-terrorism/force protection measures include site screening (barricades, landscaping) and exterior security lighting.

11. REQ: 965 PN ADQT: 214 PN SUBSTD: 751 PN

PROJECT: Modernize an existing troop barracks to meet current Army standards. (Current Mission)

1.COMPONENT	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		08 FEB 2000

3.INSTALLATION AND LOCATION

Cambrai Fritsch Ksn, Darmstadt, Germany

4.PROJECT TITLE	5.PROJECT NUMBER
Barracks Complex - Cambrai Fritsch 4002	49284

REQUIREMENT: This project is urgently required to modernize a barracks building in substandard physical condition to provide unaccompanied personnel housing which meets new 1+1 standards. The existing facility must be modernized to provide an acceptable quality of life standard to soldiers. Intended utilization is 71 E1-E4 and 8 E5-E6. Maximum utilization 92 personnel.

CURRENT SITUATION: The existing building was built for the German Army. Construction consists of a basement, three floors and an attic supported by a robust masonry shell and covered tiled roof truss system. The building functions as a barracks, but contains utility and service systems which are substandard, undersized, and difficult to maintain. The utilities cannot handle the loads imposed on them by modern usage. The interior components of the building are in poor physical condition due to age and heavy usage. Building components have exceeded their useful life or do not meet current living standards. Friable asbestos may be encountered on heating lines.

IMPACT IF NOT PROVIDED: If this project is not provided, soldiers will continue to live in substandard facilities that do not meet the minimum requirements for privacy and quality-of-life that have been approved by the Department of Defense. These substandard conditions will continue to negatively impact morale, readiness, and retention. In addition, this project is urgently needed to correct a defective real property condition. If this project is not accomplished, the condition of the building will continue to worsen, requiring ever-increasing spending on minor maintenance and repair.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and all required physical security measures are included. Also, all required anti-terrorism/force protection measures are included. Alternative methods of meeting this requirement were explored during project development. This project is the only feasible option to meet the requirement. This project is located on an installation that will be retained by the Army for the foreseeable future. This project is not eligble for NATO infrastructure support nor is it expected to become eligible in the foreseeable future. During the past two years, $.8 million has been spent on Real Property Maintenance for unaccompanied enlisted personnel housing at Darmstadt. Upon completion of this project, the remaining unaccompanied enlisted permanent party deficit is 567 personnel at this installation.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

(a) Date Design Started..... FEB 1999

(b) Percent Complete As Of January 2000..... 35.00

(c) Date 35% Designed..... JAN 2000

(d) Date Design Complete..... JAN 2001

(e) Parametric Cost Estimating Used to Develop Costs YES

(f) Type of Design Contract: design-bid-build

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

DD FORM 1 DEC 76 1391C

1.COMPONENT	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		08 FEB 2000

3.INSTALLATION AND LOCATION

Cambrai Fritsch Ksn, Darmstadt, Germany

4.PROJECT TITLE	5.PROJECT NUMBER
Barracks Complex - Cambrai Fritsch 4002	49284

12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

(2) Basis:

(a) Standard or Definitive Design: NO

(3) Total Design Cost (c) = (a)+(b) OR (d)+(e): ($000)

(a)	Production of Plans and Specifications.....	342
(b)	All Other Design Costs.....	128
(c)	Total Design Cost.....	470
(d)	Contract.....	12
(e)	In-house.....	458

(4) Contruction Contract Award..... MAR 2001

(5) Construction Start..... MAY 2001

(6) Construction Completion..... JUL 2002

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

Equipment Nomenclature	Procuring Appropriation	Fiscal Year Appropriated Or Requested	Cost ($000)
	NA		

Installation Engineer: Major Garcia
Phone Number: DSN 348-1560

1.COMPONENT	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		08 FEB 2000

3.INSTALLATION AND LOCATION	4.PROJECT TITLE
Kelley Barracks Darmstadt, Germany	Barracks Complex - Kelley 4164

5.PROGRAM ELEMENT	6.CATEGORY CODE	7.PROJECT NUMBER	8.PROJECT COST ($000)
22696A	721	49285	Auth 5,600 Approp 5,600

9.COST ESTIMATES

ITEM	UM (M/E)	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITY				5,041
Modernize Barracks Building	m2 (SF)	5,085 (54,735)	946.58	(4,813)
Asbestos Abatement	LS	--	--	(76)
IDS Installation	LS	--	--	(7)
Building Information Systems	LS	--	--	(145)
SUPPORTING FACILITIES				258
Water, Sewer, Gas	LS	--	--	(8)
Paving, Walks, Curbs & Gutters	LS	--	--	(45)
Storm Drainage	LS	--	--	(11)
Site Imp(141) Demo( )	LS	--	--	(141)
Information Systems	LS	--	--	(1)
Antiterrorism/Force Protection	LS	--	--	(52)
ESTIMATED CONTRACT COST				5,299
CONTINGENCY PERCENT (.00 %)				
SUBTOTAL				5,299
SUPV, INSP & OVERHEAD (6.50%)				344
TOTAL REQUEST				5,643
TOTAL REQUEST (ROUNDED)				5,600
INSTALLED EQT-OTHER APPROP				()

10.Description of Proposed Construction Modernize existing barracks building to meet current Army standards. Barracks include living/sleeping rooms with a semi-private bathroom, walk-in closets and a shared service area. Project also includes dayroom, laundry room, company operations and supply, personal storage areas, common kitchenettes, mud room, arms room, storage rooms and conversion of administrative areas. Install an intrusion detection system (IDS). Modernization addresses the major repair of structural and architectural components such as roofing and its drainage, building shell weather protection and insulation, fenestration, asbestos removal, exterior and interior egress/ingress, ceiling walls and floors and stairways. Supporting facilities include television cabling (internal to building); paving, walks, curbs and gutters; parking; information systems; and site improvements. Anti-terrorism/force protection measures include site screening (barricades, landscaping) and exterior security lighting.

11. REQ: 965 PN ADQT: 214 PN SUBSTD: 751 PN

PROJECT: Modernize barracks to meet current Army standards. (Current Mission)

REQUIREMENT: This project is required to provide a barracks which complies with current Army standards for quality of life in unaccompanied personnel housing. The project provides improved living conditions, increased security

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

DD FORM 1 DEC 76 1391

REQUIREMENT: (CONTINUED)
and individual privacy for soldiers. Intended utilization is 71 E1-E4 and 8 E5-E6. Maximum utilization is 92 personnel.
CURRENT SITUATION: The existing building was built for the German Army in 1936. Construction consists of a basement, three floors and an attic supported by a robust masonry shell and covered tiled roof truss system. The building functions as a barracks, but contains utility and service systems which are substandard, undersized, and are difficult to maintain. The utilities cannot handle the loads imposed on them by modern usage. The interior components of the building are in a poor physical condition due to age and heavy usage. Building components have exceeded their useful life or do not meet current standards. Friable asbestos may be encountered on heating lines.
IMPACT IF NOT PROVIDED: If this project is not provided, soldiers will continue to live in substandard facilities that do not meet the minimum requirements for privacy and quality-of-life that have been approved by the Department of Defense. These substandard conditions will continue to negatively impact morale, readiness, and retention. In addition, this project is urgently needed to correct a defective real property condition. If this project is not accomplished, the condition of the building will continue to worsen, requiring ever-increasing spending on minor maintenance and repair.
ADDITIONAL: This project has been coordinated with the installation physical security plan, and all required physical security measures are included. Also, all required anti-terrorism/force protection measures are included. Alternative methods of meeting this requirement were explored during project development. This project is the only feasible option to meet the requirement. This project is located on an installation that will be retained by the Army after any currently planned troop reductions and is required for the foreseeable future. This project is not eligible for NATO infrastructure support nor is it expected to become eligible in the foreseeable future. During the past two years, $.8 million has been spent on Real Property Maintenance for unaccompanied enlisted personnel housing at Darmstadt. Upon completion of this project, the remaining unaccompanied enlisted permanent party deficit is 567 personnel at this installation.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

(a) Date Design Started..... FEB 1999
(b) Percent Complete As Of January 2000..... 35.00
(c) Date 35% Designed..... JAN 2000
(d) Date Design Complete..... JAN 2001
(e) Parametric Cost Estimating Used to Develop Costs YES
(f) Type of Design Contract: design-bid-build

(2) Basis:

1.COMPONENT	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		08 FEB 2000

3.INSTALLATION AND LOCATION

Kelley Barracks, Darmstadt, Germany

4.PROJECT TITLE	5.PROJECT NUMBER
Barracks Complex - Kelley 4164	49285

12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

(a) Standard or Definitive Design: NO

(3) Total Design Cost (c) = (a)+(b) OR (d)+(e): ($000)

(a)	Production of Plans and Specifications.....	336
(b)	All Other Design Costs.....	134
(c)	Total Design Cost.....	470
(d)	Contract.....	12
(e)	In-house.....	458

(4) Contruction Contract Award..... MAR 2001

(5) Construction Start..... MAY 2001

(6) Construction Completion..... JUL 2002

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

Equipment Nomenclature	Procuring Appropriation	Fiscal Year Appropriated Or Requested	Cost ($000)
	NA		

Installation Engineer: Major Garcia
Phone Number: DSN 348-1560

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

DD FORM 1 DEC 76 1391C

1.COMPONENT	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		08 FEB 2000

3.INSTALLATION AND LOCATION	4.PROJECT TITLE
Landstuhl Hospital Kaiserslautern, Germany	Child Development Center

5.PROGRAM ELEMENT	6.CATEGORY CODE	7.PROJECT NUMBER	8.PROJECT COST ($000)
28719A	740	32977	Auth 3,400 Approp 3,400

9.COST ESTIMATES

ITEM	UM (M/E)	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITY				2,333
Child Development Center	m2 (SF)	1,146 (12,331)	1,708	(1,957)
EMCS Connection	LS	--	--	(28)
Playground/Fence/Sheds	m2 (SF)	1,347 (14,500)	240.14	(323)
Building Information Systems	LS	--	--	(25)
SUPPORTING FACILITIES				869
Electric Service	LS	--	--	(43)
Water, Sewer, Gas	LS	--	--	(41)
Steam And/Or Chilled Water Dist	LS	--	--	(142)
Paving, Walks, Curbs & Gutters	LS	--	--	(103)
Storm Drainage	LS	--	--	(25)
Site Imp(395) Demo(109)	LS	--	--	(504)
Information Systems	LS	--	--	(11)
ESTIMATED CONTRACT COST				3,202
CONTINGENCY PERCENT (.00 %)				
SUBTOTAL				3,202
SUPV, INSP & OVERHEAD (6.50%)				208
TOTAL REQUEST				3,410
TOTAL REQUEST (ROUNDED)				3,400
INSTALLED EQT-OTHER APPROP				()

10.Description of Proposed Construction Construct a standard-design child development center consisting of infant, toddler, pre-school age, multi-age, composite, and administration and kitchen modules, reception area, health care room, staff work room, laundry, janitor closet, toilets, mechanical equipment room, indoor and outdoor equipment storage, playground with equipment, parking, storage shed, and fencing. Connect energy monitoring and control system (EMCS). Supporting facilities include utilities; electric service; sewer; storm drainage; fire protection and alarm systems; paving, walks, curbs and gutters; information systems; and site improvements. Heating will be provided by connection to the existing district heat distribution system. Air conditioning: 30 tons. Access for the handicapped will be provided. Demolish one building (9,430 SF).

11. REQ: 1,146 m2 ADQT: NONE SUBSTD: 876 m2

PROJECT: Construct a standard-design child development center (145 child capacity). (Current Mission)

REQUIREMENT: This project is required to provide a safe, healthy, developmental environment for children, ages six weeks to five years, of soldiers, airmen and Department of Defense civilians assigned to and living in the vicinity of the Landstuhl Hospital and Landstuhl Heliport providing a

1.COMPONENT	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		08 FEB 2000

3.INSTALLATION AND LOCATION

Landstuhl Hospital, Kaiserslautern, Germany

4.PROJECT TITLE	5.PROJECT NUMBER
Child Development Center	32977

REQUIREMENT: (CONTINUED)
facility sized to accommodate the supported population; those children currently receiving center based developmental services and those on the waiting list. The project is required to enhance mission performance by reducing duty time lost due to securing child development care services.
CURRENT SITUATION: The current child development center (79 child capacity) is a one-story, masonry structure with basement. The center is operating at 100 percent capacity with a waiting list of approximately 125 children. Other facilities in the surrounding areas at Vogelweh and Ramstein Air Base are also at 100 percent capacity with waiting lists in excess of 135. Both the main floor and basement areas used for child care are generally not configured or sized properly. Additional staffing is required to maintain proper care giver to child ratios and to overcome interior space limitations, undersizd rooms, L- shaped spaces, etc.) The parent waiting area is in the main foyer and is large enough for only one chair. The facility receptionist cannot observe the main entrance as required by standard. Emergency egresses deposit children and staff into uncontrolled areas and onto vehicular streets. Storage areas must be located in the basement and can only be accessed by going through the classrooms. The basement classrooms flood frequently (four to six times annually) disrupting service and damaging floor coverings, walls and furnishings. The repeated flooding saturates the masonry structure and promotes mold and fungus growth in utility spaces. Although local projects have been accomplsihed to minimize flooding, the facility site and configuration make it virtually impossible to stop the on-gong flooding problem. Because classrooms are in the facilities basement, the space generally lacks adequate ventilation and natural lighting.
IMPACT IF NOT PROVIDED: If this project is not provided, adequate child care will not be available to soldiers, airmen and DOD civilians requiring such services. Waiting times to obtain center based services will continue to be excessive. Conflicts between mission and parental responsibilities will continue as parents are forced to use duty time to pursue alternative child care options. If this project is not provided, poorly configured facilities will continue to result in high care giver to child ratios and inefficient, high cost operations. Services will continue to be provided in facilities that routinely flood and in which health and safety hazards exist.
ADDITIONAL: This project has been coordinated with the installation physical security plan, and all required physical security measures are included. Also, no anti-terrorism/force protection measures are required. Alternative methods of meeting this requirement were explored during project development. This project is the only feasible option to meet the requirement. This project is located on an installation that will be retained by the Army after any currently planned troop reductions and is required for the foreseeable future. This project is not eligible for NATO infrastructure support nor is it expected to become eligible in the foreseeable future.

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED
DD FORM 1 DEC 76 1391C

1.COMPONENT	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		08 FEB 2000

3.INSTALLATION AND LOCATION

Landstuhl Hospital, Kaiserslautern, Germany

4.PROJECT TITLE	5.PROJECT NUMBER
Child Development Center	32977

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

(a) Date Design Started..... SEP 1999
(b) Percent Complete As Of January 2000..... 35.00
(c) Date 35% Designed..... JAN 2000
(d) Date Design Complete..... SEP 2000
(e) Parametric Cost Estimating Used to Develop Costs NO
(f) Type of Design Contract: design-bid-build

(2) Basis:

(a) Standard or Definitive Design: YES
(b) Where Most Recently Used:
Kitzingen Fam Hsg GE4

(3) Total Design Cost (c) = (a)+(b) OR (d)+(e): ($000)

(a) Production of Plans and Specifications..... 139
(b) All Other Design Costs..... 161
(c) Total Design Cost..... 300
(d) Contract..... 156
(e) In-house..... 144

(4) Contruction Contract Award..... FEB 2001

(5) Construction Start..... APR 2001

(6) Construction Completion..... JAN 2002

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

Equipment Nomenclature	Procuring Appropriation	Fiscal Year Appropriated Or Requested	Cost ($000)
	NA		

Installation Engineer: LTC James F. Dutweiler
Phone Number: DSN 387-1360

1.COMPONENT	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		08 FEB 2000

3.INSTALLATION AND LOCATION	4.PROJECT TITLE
Coleman Barracks Mannheim, Germany	Barracks Complex - Coleman 11

5.PROGRAM ELEMENT	6.CATEGORY CODE	7.PROJECT NUMBER	8.PROJECT COST ($000)
22496A	721	52313	Auth 4,050 Approp 4,050

9.COST ESTIMATES

ITEM	UM (M/E)	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITY				3,576
Modernize Barracks Building	m2 (SF)	4,018 (43,250)	836.14	(3,360)
Asbestos Abatement	LS	--	--	(54)
IDS Installation	LS	--	--	(9)
Building Information Systems	LS	--	--	(153)
SUPPORTING FACILITIES				247
Water, Sewer, Gas	LS	--	--	(5)
Paving, Walks, Curbs & Gutters	LS	--	--	(63)
Site Imp(99) Demo( )	LS	--	--	(99)
Information Systems	LS	--	--	(18)
Antiterrorism/Force Protection	LS	--	--	(62)
ESTIMATED CONTRACT COST				3,823
CONTINGENCY PERCENT (.00 %)				
SUBTOTAL				3,823
SUPV, INSP & OVERHEAD (6.50%)				248
TOTAL REQUEST				4,071
TOTAL REQUEST (ROUNDED)				4,050
INSTALLED EQT-OTHER APPROP				()

10.Description of Proposed Construction Modernize barracks building to meet current Army standards. Work includes modules consisting of two individual living/sleeping rooms with a semi-private bathroom, walk-in closets and a shared service area. Project also includes dayroom, laundry room, company operations and supply, personal storage areas, common kitchenettes, mud room, arms room, storage rooms and conversion of administrative areas. Install an intrusion detection system (IDS). Modernization addresses the major repair of structural and architectural components such as roofing and drainage, building shell, weather protection and insulation, fenestration, exterior and interior egress/ingress, ceiling walls and floors and stairways. Supporting facilities include utilities; paving, walks, curbs and gutters; parking; television cabling; information systems; and site improvements. Anti-terrorism/force protection measures include site screening (barricades and landscaping) and exterior security lighting.

11. REQ: 2,169 PN ADQT: 790 PN SUBSTD: 1,379 PN

PROJECT: Modernize an existing troop barracks to meet current standards. (Current Mission)

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

DD FORM 1 DEC 76 1391

1.COMPONENT	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		08 FEB 2000

3.INSTALLATION AND LOCATION

Coleman Barracks, Mannheim, Germany

4.PROJECT TITLE	5.PROJECT NUMBER
Barracks Complex - Coleman 11	52313

REQUIREMENT: This project is urgently required to modernize a barracks building in substandard condition to provide unaccompanied personnel housing which meets current standards. The existing facility must be modernized to provide acceptable quality of life standards for soldiers. Intended utilization is 49 E1-E4 and 7 E5-E6. Maximum utilization is 65 personnel.
CURRENT SITUATION: The existing building was built for the German Army. Construction consists of a basement, three floors and an attic supported by a robust masonry shell and covered tiled roof truss system. The building functions as a barracks, but contains utility and service systems which are substandard and undersized. The utilities cannot handle the loads imposed on them by modern usage. The interior components of the building are in a poor physical condition due to age and heavy usage. Building components do not meet current standards. Friable asbestos may be encountered on heating lines.
IMPACT IF NOT PROVIDED: If this project is not provided, soldiers will continue to live in substandard facilities that do not meet the minimum requirements for privacy and quality-of-life that have been approved by the Department of Defense. These substandard conditions will continue to negatively impact morale, readiness, and retention. In addition, this project is urgently needed to correct a defective real property condition. If this project is not accomplished, the condition of the building will continue to worsen, requiring ever-increasing spending on minor maintenance and repair.
ADDITIONAL: This project has been coordinated with the installation physical security plan, and all required physical security measures are included. Also, all required anti-terrorism/force protection measures are included. Alternative methods of meeting this requirement were explored during project development. This project is the only feasible option to meet the requirement. This project is not eligible for NATO infrastructure support nor is it expected to become eligible in the foreseeable future. During the past two years, $1.5 million has been spent on Real Property Maintenance for unaccompanied enlisted personnel housing at Mannheim. Upon completion of this project, the remaining unaccompanied enlisted permanent party deficit is 1,314 personnel at this installation.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

(a) Date Design Started..... MAR 1999
(b) Percent Complete As Of January 2000..... 35.00
(c) Date 35% Designed..... JAN 2000
(d) Date Design Complete..... JAN 2001
(e) Parametric Cost Estimating Used to Develop Costs YES
(f) Type of Design Contract: design-bid-build

(2) Basis:

(a) Standard or Definitive Design: NO

1.COMPONENT	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		08 FEB 2000

3.INSTALLATION AND LOCATION

Coleman Barracks, Mannheim, Germany

4.PROJECT TITLE	5.PROJECT NUMBER
Barracks Complex - Coleman 11	52313

12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

(3) Total Design Cost (c) = (a)+(b) OR (d)+(e): ($000)

(a)	Production of Plans and Specifications.....	243
(b)	All Other Design Costs.....	119
(c)	Total Design Cost.....	362
(d)	Contract.....	12
(e)	In-house.....	350

(4) Contruction Contract Award..... MAR 2001

(5) Construction Start..... MAY 2001

(6) Construction Completion..... JUL 2002

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

Equipment Nomenclature	Procuring Appropriation	Fiscal Year Appropriated Or Requested	Cost ($000)
	NA		

Installation Engineer: LTC James F. Duttweiler
Phone Number: DSN 387-1360

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

DD FORM 1 DEC 76 1391C

DEPARTMENT OF THE ARMY
FISCAL YEAR 2001
MILITARY CONSTRUCTION (PART I)
(DOLLARS ARE IN THOUSANDS)

STATE	PROJECT NUMBER	INSTALLATION (COMMAND) / PROJECT TITLE	AUTHORIZATION REQUEST	APPROPRIATION REQUEST	NEW/ CURRENT MISSION	PAGE
Korea		Korea Various (EUSA)				259
		Camp Humphreys				
	49291	Barracks Complex	14,200	14,200	C	261
		Camp Page				
	49343	Barracks Complex	19,500	19,500	C	265
		Subtotal Korea Various PART I	$ 33,700	33,700		
		* TOTAL MCA FOR Korea	$ 33,700	33,700		

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1. COMPONENT	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. DATE
ARMY		08 FEB 2000

3. INSTALLATION AND LOCATION	4. COMMAND	5. AREA CONSTRUCTION COST INDEX
Korea Various Korea	Eighth United States Army	1.08

6. PERSONNEL STRENGTH:

	PERMANENT			STUDENTS			SUPPORTED			
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF 30 SEP 1999	3547	21620	18606	0	0	0	0	0	0	43,773
B. END FY 2005	4243	30456	21420	0	0	0	0	0	0	56,119

7. INVENTORY DATA ($000)

A. TOTAL AREA..... 0 ha (0 AC)

B. INVENTORY TOTAL AS OF 30 SEP 1999.....	0
C. AUTHORIZATION NOT YET IN INVENTORY.....	373,710
D. AUTHORIZATION REQUESTED IN THE FY 2001 PROGRAM.....	33,700
E. AUTHORIZATION INCLUDED IN THE FY 2002 PROGRAM.....	138,000
F. PLANNED IN NEXT THREE YEARS (NEW MISSION ONLY).....	0
G. REMAINING DEFICIENCY.....	547,503
H. GRAND TOTAL.....	1,092,913

8. PROJECTS REQUESTED IN THE FY 2001 PROGRAM:

CATEGORY CODE	PROJECT NUMBER	PROJECT TITLE	COST ($000)	DESIGN START	STATUS COMPLETE
721	49291	Barracks Complex	14,200	02/1999	09/2000
721	49343	Barracks Complex	19,500	02/1999	09/2000
		TOTAL	33,700		

9. FUTURE PROJECTS:

CATEGORY CODE	PROJECT TITLE	COST ($000)
A. INCLUDED IN THE FY 2002 PROGRAM:		
721	Barracks Complex	15,000
721	Barracks Complex	31,000
740	Physical Fitness Training Center	7,600
721	Barracks Complex	10,400
721	Barracks Complex	32,000
721	Barracks Complex	42,000
	TOTAL	138,000

10. MISSION OR MAJOR FUNCTIONS:

The Eighth United States Army (EUSA) exercises command and control over all assigned EUSA units. Organizes, equips, trains, and employs forces assigned to ensure optimum readiness for combat operations. Attains and maintains a posture of combat readiness to deter successfully any attack upon the Republic of Korea. If deterrence fails, EUSA will conduct sustained Army, joint, and combined military operations to defeat the enemy. Provides logistical and administrative support for forces, including Headquarters,

INSTALLATION AND LOCATION: Korea Various Korea

10. MISSION OR MAJOR FUNCTIONS: (...CONTINUED)
United Nations Command (HQ UNC), in order to fulfill the operational requirements of ROK-US CFC and USFK. Provides support to other commands, agencies, services, nonassigned US Army forces and ROK armed forces as directed by higher authority.

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:

	($000)
A. AIR POLLUTION	0
B. WATER POLLUTION	0
C. OCCUPATIONAL SAFETY AND HEALTH	0

REMARKS :
The estimated cost to remedy the deficiencies in all existing permanent and semipermanent facilities at this installation is $1,031,934,000, based on the Installation Status Report Information on conditions as of October 1999.

1.COMPONENT	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		08 FEB 2000

3.INSTALLATION AND LOCATION	4.PROJECT TITLE
Camp Humphreys Camp Humphreys, Korea	Barracks Complex

5.PROGRAM ELEMENT	6.CATEGORY CODE	7.PROJECT NUMBER	8.PROJECT COST ($000)
22496A	721	49291	Auth 14,200 Approp 14,200

9.COST ESTIMATES

ITEM	UM (M/E)	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITY				11,266
Barracks	m2 (SF)	4,090 (44,024)	1,570	(6,423)
Special Foundation	LS	--	--	(109)
Utilities Upgrade	LS	--	--	(4,300)
Building Information Systems	LS	--	--	(434)
SUPPORTING FACILITIES				2,152
Electric Service	LS	--	--	(203)
Water, Sewer, Gas	LS	--	--	(143)
Paving, Walks, Curbs & Gutters	LS	--	--	(741)
Storm Drainage	LS	--	--	(43)
Site Imp(498) Demo(29)	LS	--	--	(526)
Information Systems	LS	--	--	(464)
Fuel Oil Storage Tank	LS	--	--	(32)
ESTIMATED CONTRACT COST				13,418
CONTINGENCY PERCENT (.00 %)				
SUBTOTAL				13,418
SUPV, INSP & OVERHEAD (6.50%)				872
TOTAL REQUEST				14,290
TOTAL REQUEST (ROUNDED)				14,200
INSTALLED EQT-OTHER APPROP				()

10.Description of Proposed Construction

Construct a whole barracks renewal complex. Project includes living/sleeping rooms, semi-private baths, walk-in closets, bulk storage and service areas, laundry, mud room, dayroom, and pile foundation. A six-way underground communication cable duct system will be run from an existing telephone switching facility to the construction site for this project and to improve the installation communication capability for future development in the area. Construct road system and parking lots in and around the project site. Project also includes an upgrade to the electrical distribution system at the west end of the installation. Replace and upgrade underground primary electrical lines, ducts, manholes, distribution transformers, voltage regulators, line switches, switchgear, other associated hardware, and testing. Supporting facilities include underground utilities; electric service; fire protection and alarm systems; paving, walks, curbs and gutters; parking; storm drainage; fuel oil storage tanks; information systems; and site improvements. Supporting facilities also include removal and disposal of existing poles, wiring, transformers, restore pavement, associated hardware, and testing for disposal of fluids and electrical equipment. Heating will be provided by self-contained oil-fired systems. Air conditioning: 110 tons. Demolish six buildings (518 M2). Provide comprehensive building and furnishings related interior design services.

1.COMPONENT	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		08 FEB 2000

3.INSTALLATION AND LOCATION

Camp Humphreys, Camp Humphreys, Korea

4.PROJECT TITLE	5.PROJECT NUMBER
Barracks Complex	49291

11. REQ: 4,684 PN ADQT: 3,118 PN SUBSTD: 1,566 PN

PROJECT: Construct a barracks to meet the Whole Barracks Renewal Program. Provide upgraded underground electrical distribution system at the west end of Camp Humphreys. (Current Mission)

REQUIREMENT: This project is required to provide barracks with current Army standards for unaccompanied personnel housing that comply with improved living conditions and increase security and individual privacy. It is urgently needed to meet the needs of units at Camp Humphreys. Intended utilization is 147 enlisted personnel. Maximum utilization for the barracks is 200 personnel. This project is also required to provide an adequate electrical distribution system for continued support to existing facilities and planned future construction. This upgrade is urgently needed to meet the needs of the Camp Humphreys installation.

CURRENT SITUATION: Many soldiers are housed in overcrowded and substandard quonset and other temporary barracks that do not provide the minimum net square footage required by current Army standards. These substandard facilities have gang latrines and deteriorated heating systems, do not provide adequate security for soldiers personal and military issue items, waste energy, and are becoming structurally unsound. They cannot be renovated to current standards. The housing situation has worsened with the recent stationing of an Apache attack helicopter battalion and brigade headquarters, planned restationing of a Patriot Battalion, and planned stationing of two chemical companies. Most soldiers cannot live off post due to mission requirements and must be housed on post. These substandard conditions have a significant negative impact on the health, morale and mission readiness of the soldiers and units they serve. The present overall condition of the electrical distribution system is considered dangerous. The distribution equipment, line conductors, and hardware are old and deteriorated. Portions of the system are supported on old wood poles that are rotted and leaning to one side. The conductors are badly corroded and have multiple splices from repairs over the years. Many of the line switches are inoperative and are bypassed. The system is unbalanced and requires realignment between the various feeders due to growth of the installation that was not considered when the system was originally laid out. The distribution voltage of 5.7 KV is not the Korean standard of 22.9 KV which makes it less efficient and complicates maintenance due to nonstandard system components. Extended unscheduled power outages due to system overloading and component failures are common. Voltage drop and fluctuations are excessive. Scheduled power outages occur frequently due to system maintenance. No means of sectionalizing to avoid power outages during maintenance exist. All planned construction of future facilities cannot be supported by the existing system. These conditions have a significant negative impact on the mission readiness of units and quality of life for soldiers.

IMPACT IF NOT PROVIDED: If this project is not provided, unaccompanied soldiers will continue to live in barracks which lack authorized living space;

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IMPACT IF NOT PROVIDED: (CONTINUED)
properly functioning heating and cooling systems; adequately sized utilities; safety and security components; and other features that provide security, privacy, and comfort for soldiers according to current Army standards. Stationing of a chemical company will be impaired or delayed. Wasteful energy consumption and high maintenance expenditures will continue on buildings that have surpassed their useful life. Without this project the electrical distribution system will continue to deteriorate. Duration and frequency of outages will increase. Facilities currently planned for construction will not have required utilities support to be placed in service. Wasteful energy consumption and high maintenance expenditures will continue on systems that have surpassed their useful life. Maintenance will be complicated and delayed by continued use of older, non-standard system components. These situations will persist and adversely affect unit readiness and quality of life for soldiers.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and all required physical security measures are included. Also, no anti-terrorism/force protection measures are required. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement. This project is located on an installation which will be retained by United States Forces Korea (USFK) and Eighth United States Army (EUSA) for the foreseeable future. The possibility of Host Nation funding for this project has been addressed, but sufficient funds from the Host Nation programs are not available to support this requirement. Privatization of the electrical distribution system is not possible due to the electrical system's current deteriorated condition and components not meeting current standards. During the past two years, $2.2 million has been spent on Real Property Maintenance for unaccompanied enlisted personnel housing at Camp Humphreys. Upon completion of this project, the remaining unaccompanied enlisted permanent party deficit is 1,366 personnel at this installation.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

(a) Date Design Started..... FEB 1999
(b) Percent Complete As Of January 2000..... 35.00
(c) Date 35% Designed..... JAN 2000
(d) Date Design Complete..... SEP 2000
(e) Parametric Cost Estimating Used to Develop Costs YES
(f) Type of Design Contract: design-bid-build

(2) Basis:

(a) Standard or Definitive Design: YES
(b) Where Most Recently Used:

1.COMPONENT	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		08 FEB 2000

3.INSTALLATION AND LOCATION

Camp Humphreys, Camp Humphreys, Korea

4.PROJECT TITLE	5.PROJECT NUMBER
Barracks Complex	49291

12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

Camp Casey

		($000)
(3)	Total Design Cost (c) = (a)+(b) OR (d)+(e):	
(a)	Production of Plans and Specifications.....	852
(b)	All Other Design Costs.....	438
(c)	Total Design Cost.....	1,290
(d)	Contract.....	1,005
(e)	In-house.....	285
(4)	Contruction Contract Award.....	DEC 2000
(5)	Construction Start.....	JAN 2001
(6)	Construction Completion.....	DEC 2002

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

Equipment Nomenclature	Procuring Appropriation	Fiscal Year Appropriated Or Requested	Cost ($000)
	NA		

Installation Engineer: Mr. Richard Bain
Phone Number: DSN (315) 753-6051

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

DD FORM 1 DEC 76 1391C

1.COMPONENT	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		08 FEB 2000

3.INSTALLATION AND LOCATION	4.PROJECT TITLE
Camp Page Camp Page, Korea	Barracks Complex

5.PROGRAM ELEMENT	6.CATEGORY CODE	7.PROJECT NUMBER	8.PROJECT COST ($000)
22496A	721	49343	Auth 19,500 Approp 19,500

9.COST ESTIMATES

ITEM	UM (M/E)	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITY				16,304
Barracks	m2 (SF)	8,180 (88,049)	1,559	(12,757)
Company Operations Facilities	m2 (SF)	1,546 (16,641)	1,086	(1,679)
Antiterrorism Force Protection	LS	--	--	(910)
Special Foundations	LS	--	--	(273)
IDS Installation	LS	--	--	(24)
Building Information Systems	LS	--	--	(661)
SUPPORTING FACILITIES				2,239
Electric Service	LS	--	--	(315)
Water, Sewer, Gas	LS	--	--	(606)
Paving, Walks, Curbs & Gutters	LS	--	--	(278)
Storm Drainage	LS	--	--	(198)
Site Imp(518) Demo(34)	LS	--	--	(552)
Information Systems	LS	--	--	(185)
Fuel Oil Storage Tank	LS	--	--	(105)
ESTIMATED CONTRACT COST				18,543
CONTINGENCY PERCENT (.00 %)				
SUBTOTAL				18,543
SUPV, INSP & OVERHEAD (6.50%)				1,205
TOTAL REQUEST				19,748
TOTAL REQUEST (ROUNDED)				19,500
INSTALLED EQT-OTHER APPROP				()

10.Description of Proposed Construction Construct a standard-design whole barracks renewal complex. Project includes living/sleeping rooms, semi-private baths, walk-in closets, bulk storage and service areas, laundry, mud room, dayroom, sprinkler system, and special pile foundation; Headquarters (HQ) operations and supply buildings to accommodate two medium companies. Install intrusion detection systems (IDS). Anti- terrorism/force protection measures include site screening, barricades and landscaping, tempered glass windows, reinforced concrete and masonry for exterior walls, and exterior security lighting. Supporting facilities include underground utilities; electric service; exterior lighting; fire protection and alarm systems; paving, walks, curbs and gutters; parking; bike racks; dumpster pads and trash enclosures; storm drainage; fuel oil storage tanks; relocate generators; information systems; and site improvements. Heating will be provided by oil-fired units and air conditioning (400 tons) by self-contained units. Demolish three buildings (362 m2) with asbestos removal within the footprint. Provide comprehensive building and furnishings related interior design services.

11. REQ: 1,515 PN ADQT: 314 PN SUBSTD: 1,201 PN

PROJECT: Construct a standard-design whole barracks renewal complex with company operations facilities to meet current Army standards. (Current

1.COMPONENT	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		08 FEB 2000

3.INSTALLATION AND LOCATION

Camp Page, Camp Page, Korea

4.PROJECT TITLE	5.PROJECT NUMBER
Barracks Complex	49343

PROJECT: (CONTINUED)
Mission)
REQUIREMENT: This project is required to provide barracks with current Army standards for unaccompanied personnel housing that comply with improved living conditions, increase security, individual privacy, and the supporting company operations facilities. These facilities are urgently needed to meet the needs of units of the 2nd Infantry Division. Intended utilization is 294 enlisted personnel. Maximum utilization for the barracks is 400 personnel.
CURRENT SITUATION: One aviation battalion and an aviation support unit now at Camp Stanley are planned to move to Camp Page to reduce safety problems at Camp Stanley. Currently at Camp Stanley, many soldiers have to be housed in overcrowded and substandard quonset and H-relocatable barracks that do not provide the minimum net square footage required by current Army standards. These substandard facilities have gang latrines and deteriorated heating systems, do not provide adequate security for soldiers' personal and military issue items, waste energy, and are becoming structurally unsound. They cannot be renovated to current standards. The 2nd Infantry Division soldiers are not authorized to live off-post due to mission requirements and must be housed on-post. In addition, adequate quarters are not available off-post. These substandard conditions have a significant negative impact on the health, morale and mission readiness of the soldiers and units they serve.
IMPACT IF NOT PROVIDED: If this project is not provided, unit restationing actions cannot be executed and aviation safety problems will continue to exist at Camp Stanley. Unaccompanied soldiers will continue to live in barracks which lack authorized living space; properly functioning heating and cooling systems; adequately sized utilities; safety and security components; and other features that provide security, privacy, and comfort for soldiers according to current Army standards. Wasteful energy consumption and high maintenance expenditures will continue on buildings that have surpassed their useful life. Current conditions create a negative impact on soldiers' morale and unit readiness, and undermine efforts to retain quality soldiers in the Army.
ADDITIONAL: This project has been coordinated with the installation physical security plan, and all required physical security measures are included. Also, all required anti-terrorism/force protection measures are included. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement. This project is located on an installation which will be retained by United States Forces Korea (USFK) and Eighth United States Army (EUSA) for the foreseeable future. The possibility of Host Nation funding for this project has been addressed, but sufficient funds from the Host Nation programs are not available to support this requirement. During the past two years, $1.6 million has been spent on Real Property Maintenance for unaccompanied enlisted personnel housing at Camp Page. Upon completion of this project, the remaining unaccompanied enlisted permanent party deficit is 801 personnel at this installation.

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED
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1.COMPONENT	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		08 FEB 2000

3.INSTALLATION AND LOCATION

Camp Page, Camp Page, Korea

4.PROJECT TITLE	5.PROJECT NUMBER
Barracks Complex	49343

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

(a) Date Design Started..... FEB 1999
(b) Percent Complete As Of January 2000..... 35.00
(c) Date 35% Designed..... JAN 2000
(d) Date Design Complete..... SEP 2000
(e) Parametric Cost Estimating Used to Develop Costs YES
(f) Type of Design Contract: design-bid-build

(2) Basis:

(a) Standard or Definitive Design: YES
(b) Where Most Recently Used:
Camp Red Cloud

(3) Total Design Cost (c) = (a)+(b) OR (d)+(e): ($000)

(a) Production of Plans and Specifications..... 1,170
(b) All Other Design Costs..... 720
(c) Total Design Cost..... 1,890
(d) Contract..... 1,470
(e) In-house..... 420

(4) Contruction Contract Award..... DEC 2000

(5) Construction Start..... JAN 2001

(6) Construction Completion..... DEC 2002

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

Equipment Nomenclature	Procuring Appropriation	Fiscal Year Appropriated Or Requested	Cost ($000)
	NA		

Installation Engineer: E. DRAKE GIBBS
Phone Number: DSN (315)732-6225

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DEPARTMENT OF THE ARMY
FISCAL YEAR 2001
MILITARY CONSTRUCTION (PART I)
(DOLLARS ARE IN THOUSANDS)

STATE	PROJECT NUMBER	INSTALLATION (COMMAND) / PROJECT TITLE	AUTHORIZATION REQUEST	APPROPRIATION REQUEST	NEW/ CURRENT MISSION	PAGE
Kwajalein		Kwajalein Atoll (USASMDC)				271
		Kwajalein Atoll				
	17575	Unaccompanied Personnel Housing Renovation	18,000	18,000	C	273
		Subtotal Kwajalein Atoll PART I	$ 18,000	18,000		
		* TOTAL MCA FOR Kwajalein	$ 18,000	18,000		
** TOTAL OUTSIDE THE UNITED STATES FOR MCA			$ 82,100	82,100		

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1. COMPONENT	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. DATE
ARMY		08 FEB 2000

3. INSTALLATION AND LOCATION	4. COMMAND	5. AREA CONSTRUCTION COST INDEX
Kwajalein Atoll Kwajalein	US Army Strategic Defense Command	2.28

6. PERSONNEL STRENGTH:

	PERMANENT			STUDENTS			SUPPORTED			
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF 30 SEP 1999	16	8	397	0	0	0	0	0	1391	1,812
B. END FY 2005	17	8	241	0	0	0	0	0	1502	1,768

7. INVENTORY DATA ($000)

A. TOTAL AREA.....	1,444 ha	(3,568 AC)
B. INVENTORY TOTAL AS OF 30 SEP 1999.....		1,684,672
C. AUTHORIZATION NOT YET IN INVENTORY.....		138,604
D. AUTHORIZATION REQUESTED IN THE FY 2001 PROGRAM.....		18,000
E. AUTHORIZATION INCLUDED IN THE FY 2002 PROGRAM.....		14,000
F. PLANNED IN NEXT THREE YEARS (NEW MISSION ONLY).....		0
G. REMAINING DEFICIENCY.....		150,526
H. GRAND TOTAL.....		2,005,802

8. PROJECTS REQUESTED IN THE FY 2001 PROGRAM:

CATEGORY CODE	PROJECT NUMBER	PROJECT TITLE	COST ($000)	DESIGN STATUS START	DESIGN STATUS COMPLETE
724	17575	Unaccompanied Personnel Housing Renovation	18,000	03/1997	09/2000
		TOTAL	18,000		

9. FUTURE PROJECTS:

CATEGORY CODE	PROJECT TITLE	COST ($000)
A. INCLUDED IN THE FY 2002 PROGRAM:		
740	Child Development Center	3,200
432	Cold Storage Warehouse	10,800
	TOTAL	14,000

B. PLANNED NEXT THREE PROGRAM YEARS (NEW MISSION ONLY): NONE

10. MISSION OR MAJOR FUNCTIONS:

Provide technical and logistical support for on-site ballistic missile defense research and development programs. Provide technical support for strategic offensive weapon system development and operational testing. Collect data on objects in space. Maintain and foster relationships with the Government of the Republic of the Marshall Islands.

1. COMPONENT ARMY	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. DATE 08 FEB 2000

INSTALLATION AND LOCATION: Kwajalein Atoll Kwajalein

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:

	($000)
A. AIR POLLUTION	0
B. WATER POLLUTION	0
C. OCCUPATIONAL SAFETY AND HEALTH	0

REMARKS :

The estimated cost to remedy the deficiencies in all existing permanent and semi-permanent facilities at this installation is $272,929,000 based on the Installation Status Report Information on conditions as of October 1999.

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

DD FORM 1 DEC 76 1390C

1.COMPONENT	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		08 FEB 2000

3.INSTALLATION AND LOCATION	4.PROJECT TITLE
Kwajalein Atoll Kwajalein	Unaccompanied Personnel Housing Renovation

5.PROGRAM ELEMENT	6.CATEGORY CODE	7.PROJECT NUMBER	8.PROJECT COST ($000)
65301A	724	17575	Auth 18,000 Approp 18,000

9.COST ESTIMATES

ITEM	UM (M/E)	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITY				16,903
Modernize Barracks	m2 (SF)	7,081 (76,219)	2,233	(15,812)
Asbestos Abatement	LS	--	--	(733)
Lead-Based Paint Abatement	LS	--	--	(111)
Building Information Systems	LS	--	--	(247)
SUPPORTING FACILITIES				190
Electric Service	LS	--	--	(105)
Water, Sewer, Gas	LS	--	--	(60)
Information Systems	LS	--	--	(25)
ESTIMATED CONTRACT COST				17,093
CONTINGENCY PERCENT (.00 %)				
SUBTOTAL				17,093
SUPV, INSP & OVERHEAD (6.50%)				1,111
TOTAL REQUEST				18,204
TOTAL REQUEST (ROUNDED)				18,000
INSTALLED EQT-OTHER APPROP				()

10.Description of Proposed Construction Modernize an existing, unaccompanied personnel housing (UPH) facility to include removal of existing interior partitions and utility systems, and asbestos and lead-based paint abatement. Project includes living/sleeping rooms, semi-private baths, walk-in closets, and storage. Supporting facilities include utilities; electric service; fire protection, alarm and suppression systems; information systems; and site improvements. Air conditioning (300 tons) will be provided. Comprehensive building and furnishings related interior design services are required. Access for the handicapped will be provided.

11. REQ: 873 PN ADQT: 627 PN SUBSTD: 246 PN

PROJECT: Modernize an existing, unaccompanied personnel housing facility. (Current Mission)

REQUIREMENT: This project is required to provide adequate housing for 150 (300 maximum utilization) unaccompanied personnel assigned to US Army Kwajalein Atoll (USAKA). USAKA is a national test range for the Department of Defense and home of the Kiernan Rentry Measurement Site. Missions include technical and logistical support of theater and strategic offensive and defensive ballistic missile system testing, and conduct and support of space operations and experiments: Space Shuttle support, space surveillance, new

1.COMPONENT	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		08 FEB 2000

3.INSTALLATION AND LOCATION

Kwajalein Atoll, Kwajalein

4.PROJECT TITLE	5.PROJECT NUMBER
Unaccompanied Personnel Housing Renovation	17575

REQUIREMENT: (CONTINUED)
foreign launch tracking, deep space tracks, etc. The successful accomplishment of these missions is a direct function of the installation's ability to recruit and retain the highly trained and specialized engineers, scientists, and technical personnel required to operate state-of-the-art and (in many cases) one-of-a-kind radars, sensors, and test and communications equipment. With the exception of salary, housing in good condition and providing a degree of privacy is the most important factor in attracting and retaining this select group of individuals. Housing is currently a deterrent rather than an inducement to employment at USAKA. This project is required to correct that situation by providing adequate accommodations. The improvement in facility condition and increased privacy afforded by this project will have a direct positive impact on recruitment, morale, retention, job performance, mission readiness, and cost effectiveness of range operations.

CURRENT SITUATION: At USAKA all unaccompanied military, civil service, and contract personnel live in on-post UPH facilities. These facilities are inadequate and in poor condition. To accommodate all unaccompanied personnel, individuals share rooms and latrines. Privacy in this facility is non-existent. The negative impacts on morale and welfare results from overcrowding and a total lack of privacy is exacerbated by the deteriorated condition of the facilities. Most UPH at USAKA consists of permanent facilities constructed in the 1950s and 60s when the installation was under the administrative control of the US Navy. Thirty old trailers which should have been removed from service long ago, but which of necessity continue to be used. The permanent facilities are severely deteriorated as a result of exposure to the highly corrosive environment (moist salt-laden air, constant winds, high temperatures and humidity, and very limited land mass) and a historical lack of maintenance and repair funding. Utility systems, windows and doors, floors and ceilings, interior partitions, and interior and exterior finishes are failing and structural deficiencies exist. The deteriorated and overcrowded UPH facilities have a direct negative impact on mission and installation operating costs. Poor facilities hamper recruitment, degrade morale, job performance, and mission readiness, and reduce retention. High turnover rates translate into staffing shortages and lost time due to protracted recruitments and increased travel, training, and job familiarization which in turn result in increased costs.

IMPACT IF NOT PROVIDED: If this project is not provided, unaccompanied personnel will continue to live in overcrowded, severely deteriorated facilities. The condition of housing will negatively impact recruitment, morale, retention, job performance, mission readiness, and mission costs. Missions vital to national security: testing of theater and strategic offensive and defensive ballistic missile systems, space surveillance, and tracking of new foreign launch could be negatively affected. Test of theater and national ballistic defensive weapon systems under tactically representative conditions will be at risk and deployment could be delayed.

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DD FORM 1 DEC 76 1391C

1.COMPONENT	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		08 FEB 2000

3.INSTALLATION AND LOCATION

Kwajalein Atoll, Kwajalein

4.PROJECT TITLE	5.PROJECT NUMBER
Unaccompanied Personnel Housing Renovation	17575

ADDITIONAL: This project has been coordinated with the installation physical security plan, and all required physical security measures are included. Also, anti-terrorism/force protection measures are required. An economic analysis has been prepared and utilized in evaluating this project. This is the most cost effective method to satisfy this requirement. During the past two years, $6.3 million has been spent on Real Property Maintenance for unaccompanied enlisted personnel housing at Kwajalein. Upon completion of this project the remaining unaccompanied personnel housing deficit is 96.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

(a) Date Design Started..... MAR 1997
(b) Percent Complete As Of January 2000..... 35.00
(c) Date 35% Designed..... JUN 1997
(d) Date Design Complete..... SEP 2000
(e) Parametric Cost Estimating Used to Develop Costs YES
(f) Type of Design Contract: design-bid-build

(2) Basis:

(a) Standard or Definitive Design: NO

(3) Total Design Cost (c) = (a)+(b) OR (d)+(e): ($000)

(a) Production of Plans and Specifications..... 615
(b) All Other Design Costs..... 561
(c) Total Design Cost..... 1,176
(d) Contract..... 120
(e) In-house..... 1,056

(4) Contruction Contract Award..... JAN 2001

(5) Construction Start..... FEB 2001

(6) Construction Completion..... FEB 2003

1.COMPONENT	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		08 FEB 2000

3.INSTALLATION AND LOCATION

Kwajalein Atoll, Kwajalein

4.PROJECT TITLE	5.PROJECT NUMBER
Unaccompanied Personnel Housing Renovation	17575

12. SUPPLEMENTAL DATA: (CONTINUED)

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

Equipment Nomenclature	Procuring Appropriation	Fiscal Year Appropriated Or Requested	Cost ($000)
	NA		

Installation Engineer: DONALD LAROQUE
Phone Number: DSN 254-3777

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

DD FORM 1 DEC 76 1391C

DEPARTMENT OF THE ARMY
FISCAL YEAR 2001
MILITARY CONSTRUCTION (PART I)
(DOLLARS ARE IN THOUSANDS)

STATE	PROJECT NUMBER	INSTALLATION (COMMAND) / PROJECT TITLE	AUTHORIZATION REQUEST	APPROPRIATION REQUEST	NEW/ CURRENT MISSION	PAGE
Worldwide Various		Worldwide Various Locations (WORLDWD)				
	53970	Classified Project	11,500	11,500		281
		Subtotal Worldwide Various Locations PART I	$ 11,500	11,500		
		Minor Construction (MINEXG)				
	44145	Unspecified Minor Construction	15,000	15,000		285
		Subtotal Minor Construction PART I	$ 15,000	15,000		
		Planning and Design (PLANDES)				
	44146	Host Nation Support	22,600	22,600		289
	44148	Planning and Design	72,106	72,106		291
		Subtotal Planning and Design PART I	$ 94,706	94,706		
		* TOTAL MCA FOR Worldwide Various	$ 121,206	121,206		
** TOTAL WORLDWIDE FOR MCA			$ 121,206	121,206		
MILITARY CONSTRUCTION (PART I) TOTAL			$ 688,988	897,938		

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1.COMPONENT	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		08 FEB 2000

3.INSTALLATION AND LOCATION	4.PROJECT TITLE
Worldwide Various Locations Worldwide Various Locations, Worldwide Va	Classified Project

5.PROGRAM ELEMENT	6.CATEGORY CODE	7.PROJECT NUMBER	8.PROJECT COST ($000)
92798A	000	53970	Auth 11,500 Approp 11,500

9.COST ESTIMATES

ITEM	UM (M/E)	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITY				11,500
Classified project	LS	--	--	(11,500)
SUPPORTING FACILITIES				
ESTIMATED CONTRACT COST				11,500
CONTINGENCY PERCENT (.00 %)				
SUBTOTAL				11,500
SUPV, INSP & OVERHEAD (.00 %)				
TOTAL REQUEST				11,500
TOTAL REQUEST (ROUNDED)				11,500
INSTALLED EQT-OTHER APPROP				(0)

10.Description of Proposed Construction This project covers classified activities at various locations. Additional information concerning the requirements associated with this project will be provided Congress during the review of Military Construction, Army (MCA), Fiscal Year 2001, Authorization/Appropriation Request.

11. REQ: NONE ADQT: NONE SUBSTD: NONE

PROJECT: To be provided during Congressional review of MCA request. (Current Mission)

REQUIREMENT: To be provided during Congressional review of MCA request.

CURRENT SITUATION: To be provided during Congressional review of MCA request.

IMPACT IF NOT PROVIDED: To be provided during Congressional review of MCA request.

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1.COMPONENT	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		08 FEB 2000

3.INSTALLATION AND LOCATION	4.PROJECT TITLE
Minor Construction Minor Construction, Worldwide Various	Unspecified Minor Construction

5.PROGRAM ELEMENT	6.CATEGORY CODE	7.PROJECT NUMBER	8.PROJECT COST ($000)
91211A	000	44145	Auth 15,000 Approp 15,000

9.COST ESTIMATES

ITEM	UM (M/E)	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITY				15,000
Minor Construction Facilities	LS	--	--	(15,000)
SUPPORTING FACILITIES				
ESTIMATED CONTRACT COST				15,000
CONTINGENCY PERCENT (.00 %)				
SUBTOTAL				15,000
SUPV, INSP & OVERHEAD (.00 %)				
TOTAL REQUEST				15,000
TOTAL REQUEST (ROUNDED)				15,000
INSTALLED EQT-OTHER APPROP				(0)

10.Description of Proposed Construction Unspecified minor construction projects which have a funded cost of $1,500,000 or less, including construction, alteration, or conversion of permanent or temporary facilities as authorized under Title 10 USC 2805. The funded cost limit is $3,000,000 if the project is intended solely to correct a deficiency that is life threatening, health threatening, or safety threatening.

11. REQ: NONE ADQT: NONE SUBSTD: NONE

PROJECT: Minor military construction, worldwide.

REQUIREMENT: This line item is needed to provide for unspecified projects for which the need cannot reasonably be foreseen nor justified in time to be included in this Military Construction, Army program.

CURRENT SITUATION: These urgent unforeseen projects address high national priorities such as critical mission requirements, environmental protection, health, and safety. These projects cannot wait until the next annual budget submission.

IMPACT IF NOT PROVIDED: Historical data on the Army's unforeseen urgent requirements supports a far higher funding level. However, due to extreme budget constraints, the level requested is considered the maximum currently affordable amount.

1.COMPONENT	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		08 FEB 2000

3.INSTALLATION AND LOCATION

Minor Construction, Worldwide Various

4.PROJECT TITLE	5.PROJECT NUMBER
Unspecified Minor Construction	44145

ADDITIONAL: These projects will be coordinated with the installation security and force protection plans. All required physical security and force protection measures will be included. These projects will not be eligible for Host Nation funding.

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1.COMPONENT	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		08 FEB 2000

3.INSTALLATION AND LOCATION	4.PROJECT TITLE
Planning and Design Planning and Design, Worldwide Various	Host Nation Support

5.PROGRAM ELEMENT	6.CATEGORY CODE	7.PROJECT NUMBER	8.PROJECT COST ($000)
91211A	000	44146	Auth 22,600 Approp 22,600

9.COST ESTIMATES

ITEM	UM (M/E)	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITY				22,600
Host Nation Support	LS	--	--	(22,600)
SUPPORTING FACILITIES				
ESTIMATED CONTRACT COST				22,600
CONTINGENCY PERCENT (.00 %)				
SUBTOTAL				22,600
SUPV, INSP & OVERHEAD (.00 %)				
TOTAL REQUEST				22,600
TOTAL REQUEST (ROUNDED)				22,600
INSTALLED EQT-OTHER APPROP				(0)

10.Description of Proposed Construction This item provides for criteria development, design surveillance and construction management services for projects funded by foreign nations where US Forces are the sole or primary user as authorized by 10 USC 2807.

11. REQ: NONE ADQT: NONE SUBSTD: NONE

PROJECT: Planning and design funds.

REQUIREMENT: This funding is required to represent US interests during the planning, design, and construction of projects funded by foreign governments, when US Forces are sole or primary users. The Host Nation Support funds are required to assure that the facilities provided conform to the Services' operational and mission needs, and to US life safety criteria. The Army is the executive agent for the Department of Defense for Host Nation Construction in the Pacific. These programs provide nearly all the new construction in Japan, and much of the new construction in Korea. Host Nation Support funds are also used to oversee payment-in-kind (PIK) projects in Europe, and NATO funds recoupment, and development of facility requirements for the proposed Okinawa facilities relocations. The US Army Corps of Engineers is responsible for providing the criteria, reviewing designs, and monitoring the construction. This effort costs less than three percent of the Host Nation Support

1.COMPONENT	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		08 FEB 2000

3.INSTALLATION AND LOCATION

Planning and Design, Worldwide Various

4.PROJECT TITLE	5.PROJECT NUMBER
Host Nation Support	44146

REQUIREMENT: (CONTINUED)

construction placement. The three parts of the Host Nation Support effort are: Criteria Package Preparation - defines the functional requirements and specifies the health, fire, operational, functional, and life safety needs; Design Surveillance - ensures compliance with criteria packages, efficient operation and maintenance, and life safety, fire protection, and environmental compliance; Construction Management - ensures conformance to design documents, reviews submittals, monitors construction phasing for users, and protects against latent deficiencies.

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1.COMPONENT	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		08 FEB 2000

3.INSTALLATION AND LOCATION	4.PROJECT TITLE
Planning and Design Planning and Design, Worldwide Various	Planning and Design

5.PROGRAM ELEMENT	6.CATEGORY CODE	7.PROJECT NUMBER	8.PROJECT COST ($000)
91211A	000	44148	Auth 72,106 Approp 72,106

9.COST ESTIMATES

ITEM	UM (M/E)	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITY				72,106
Planning and Design	LS	--	--	(72,106)
SUPPORTING FACILITIES				
ESTIMATED CONTRACT COST				72,106
CONTINGENCY PERCENT (.00 %)				
SUBTOTAL				72,106
SUPV, INSP & OVERHEAD (.00 %)				
TOTAL REQUEST				72,106
TOTAL REQUEST (ROUNDED)				72,106
INSTALLED EQT-OTHER APPROP				(0)

10.Description of Proposed Construction This item provides for: pre-concept (parametric), concept, and final design of major and unspecified minor construction projects; value engineering; and the development of standards and criteria for Army facilities in conjunction with the Navy and Air Force.

11. REQ: NONE ADQT: NONE SUBSTD: NONE

PROJECT: Planning and design funds.

REQUIREMENT: This funding is required to provide design and engineering services for regular Military Construction, Army (MCA) and Unspecified Minor projects, including value engineering, and continued development of design criteria and standard designs (conventional functional layouts). This account is dissimilar to any other line item in the Army's MCA budget in that it is reflective of an operations expense, versus a defined scope of a single construction project. Funds will be used at US Army Corps of Engineer (USACE) districts for in-house designs, Architect-Engineer (A-E) contracts, and administrative support functions. These funds are required for accomplishment of final correction, review, reproduction and advertisement of projects in the FY 2001 program; for advancement to final design of projects in FY 2002, and for initiation of design of projects in FY 2003. The funds request for the annual planning and design requirement includes value engineering, the costs

1.COMPONENT	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		08 FEB 2000

3.INSTALLATION AND LOCATION

Planning and Design, Worldwide Various

4.PROJECT TITLE	5.PROJECT NUMBER
Planning and Design	44148

REQUIREMENT: (CONTINUED)
to update standards and criteria, guide specifications, technical manuals, and the cost to continue the Department of the Army (DA) Facility Standardization Program.

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FOR OFFICIAL USE ONLY

Army Family Housing

FY 2001

Budget Estimate

Justification Data Submitted to Congress

Assistant Secretary of the Army
(Financial Management & Comptroller)
Army Budget Office
109 Army Pentagon

ARMY FAMILY HOUSING
FY 2001 BUDGET ESTIMATE
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FEBRUARY 2000

ARMY FAMILY HOUSING
FY 2001 BUDGET ESTIMATE
SUMMARY

($ in Thousands)	
FY 2001 Budget Request	$1,140,381
FY 2000 Current Estimate	1,151,978

PURPOSE AND SCOPE

The Army Family Housing (AFH) Budget supports the operation, maintenance, leasing and construction of military family housing located worldwide. This budget supports the Military Housing Privatization Initiative through the Residential Community Initiatives by providing three pilot projects at Forts Hood, Lewis, and Meade. This budget also includes funds for costs associated with Fort Carson Privatization. (Summary Page 3)

PROGRAM SUMMARY

Authorization is requested for:

1. The performance of Family Housing Construction documented in this section, and

2. The appropriation of $1,140,381 to fund

   a. Family Housing Construction, Operation and
   b. Certain other functions already authorized by law.

ARMY FAMILY HOUSING
FY 2001 BUDGET ESTIMATE
SUMMARY (Continued)

A summary of the Fiscal Year 2001 AFH funding program follows:

	($ in Thousands)	($ in Thousands)
CONSTRUCTION REQUEST		**$ 162,106**
New Construction	91,974	
Post Acquisition Construction	63,590	
Advance Planning & Design	6,542	
OPERATION AND MAINTENANCE REQUEST		**$978,275**
Operation	180,370	
Utilities	198,101	
Maintenance of Real Property	397,792	
Leasing - World-wide	202,011	
Mortgage Insurance Premiums	1	
TOTAL FAMILY HOUSING APPROPRIATION REQUEST		**$1,140,381**
REIMBURSABLE PROGRAM		$ 22,000
TOTAL FAMILY HOUSING PROGRAM		**$1,162,381**

FEBRUARY 2000

ARMY FAMILY HOUSING
FY 2001 BUDGET ESTIMATE
RESIDENTIAL COMMUNITY INITIATIVES (RCI) SUMMARY

PURPOSE AND SCOPE

The 1996 Military Housing Privatization Initiative (MHPI) (P.L. 104-106) authorities, known as RCI in the Army, are being used for three pilot projects at Forts Hood, Lewis, and Meade to revitalize the AFH inventory in the U.S. Fort Carson awarded a contract from their RFP solicitation on 30 Sep 99.

This MHPI initiative provides alternative authorities for construction, improvement and operation of military housing units in the U.S. Under these authorities, the Services can leverage appropriated housing construction funds and owned assets to gain private-sector capital and expertise to upgrade and operate military housing.

MHPI authorities include loan guarantees and direct loans; commitments such as leases or differential payments; and investments, or a combination thereof. Army will generally use these authorities to out-lease land and provide a long-term interest in the housing inventory to a private entity. The entity will be contracted to revitalize the inventory, build to reduce Army housing deficit, and operate and maintain the units for a long-term period.

INTEGRATING RCI INTO THE PB

For FY 2000 and 2001, the Army plan is to award contracts to privatize family housing at 3 installations using MHPI authorities. The Army’s Housing Portfolio Summary at the end of this section identifies the FY and month that projects will be awarded.

ARMY FAMILY HOUSING
FY 2001 BUDGET ESTIMATE
RESIDENTIAL COMMUNITY INITIATIVES (RCI) SUMMARY (Continued)

FUNDING FOR RCI

AFH funds supporting Residential Community Initiatives in the FY01 budget are identified in the table below:

Cost	**MPA Transfer**	**MPA Transfer**	**RCI management, salaries, studies, Fire/police**	**Fort Carson** (Only)	
Source	AFHC New Construction	AFHO 1910, 1920, 1930	AFHO Operations	AFHO Utilities	TOTAL
FY00	24,402	0	8,960	3,110	36,472
FY01	28,648	46,501	12,110	3,170	90,429

AFH military construction projects have been adjusted to potentially fund a direct loan or loan guarantee of RCI projects. Projects deferred include: Fort Hood ($18.6M, FY98; $21.6M, FY99), Fort Meade ($7.9M, FY98).

1. Military Personnel, Army (MPA). - AFH funds have been transferred to the MPA housing allowances account to support privatization of family housing. The MPA amount is calculated based on the month that soldiers begin to pay rent (the Notice to Proceed (NTP) date). In FY 00, $24M was transferred from the AFHC account to the MPA account to support the increase in allowances to be paid due to privatization. In FY 01, $75M was transferred from the AFHO and AFHC accounts to increase MPA housing allowances. Reductions to AFHO operations, utilities, and maintenance and repair accounts have been calculated based on the scheduled NTP of each site and are being used to defray MPA and RCI implementation costs.

2. RCI Management Costs - Following the NTP date, AFHO funds for RCI installations are reduced. Remaining funds at RCI installations support continuous staff requirements for contract administration, oversight, housing liaison responsibilities, off-post referral, maintenance of waiting lists and fire and police protection for the privatized housing units. Utilities costs will be paid by the private entity with the exception of Fort Carson.

ARMY FAMILY HOUSING
FY 2001 BUDGET ESTIMATE
RESIDENTIAL COMMUNITY INITIATIVES (RCI) SUMMARY (Continued)

Military Housing Privatization Initiative
Revised Listing of Housing Privatization

ARMY FAMILY HOUSING PRIVATIZATION					
Year of Notification	**Installation**	**Scope***	**Notify Congress Solicitation**	**Notify Congress Selection**	**Deal Closing/Contract Award**
FY98	Ft Carson	2,663	Sep-96	Sep-99	Sep-99
FY99	Ft Hood	6,631	Dec-98	Jul-00	** Sep-00
FY00	Ft Lewis	3,955	Nov-99	Oct-00	** Dec-00
FY00	Ft Meade	3,170	Mar-00	Feb-01	** Apr -01

NOTES: * Total estimated project units at project award

** Date of Notice To Proceed to execute the Community Development and Management Plan (after the 60 day Congressional notification of selection).

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DEPARTMENT OF THE ARMY
FISCAL YEAR 2001
ARMY FAMILY HOUSING
NEW CONSTRUCTION (PART IIA)
(DOLLARS ARE IN THOUSANDS)
INSIDE THE UNITED STATES

STATE	PROJECT NUMBER	INSTALLATION (COMMAND) / PROJECT TITLE		AUTHORIZATION REQUEST	APPROPRIATION REQUEST
Arizona		Fort Huachuca (TRADOC)			
	49899	Family Housing Replacement Construction		16,224	16,224
		* TOTAL AFH FOR Arizona	$	16,224	16,224
Hawaii		Schofield Barracks (USARPAC)			
	48456	Family Housing Replacement Construction		15,500	15,500
		* TOTAL AFH FOR Hawaii	$	15,500	15,500
Kentucky		Fort Campbell (FORSCOM)			
	51099	Family Housing Replacement Construction		7,800	7,800
		* TOTAL AFH FOR Kentucky	$	7,800	7,800
Maryland		Fort Detrick (MEDCOM)			
	43744	Family Housing Replacement Construction		5,600	5,600
		* TOTAL AFH FOR Maryland	$	5,600	5,600
North Carolina		Fort Bragg (FORSCOM)			
	41809	Family Housing Replacement Construction		14,600	14,600
		* TOTAL AFH FOR North Carolina	$	14,600	14,600
South Carolina		Fort Jackson (TRADOC)			
	53270	Family Housing New Construction		250	250
		* TOTAL AFH FOR South Carolina	$	250	250

DEPARTMENT OF THE ARMY
FISCAL YEAR 2001
ARMY FAMILY HOUSING
NEW CONSTRUCTION (PART IIA)
(DOLLARS ARE IN THOUSANDS)
INSIDE THE UNITED STATES

STATE	PROJECT NUMBER	INSTALLATION (COMMAND) / PROJECT TITLE		AUTHORIZATION REQUEST	APPROPRIATION REQUEST
Texas		Fort Bliss (TRADOC)			
	30978	Family Housing Replacement Construction		10,200	10,200
		* TOTAL AFH FOR Texas	$	10,200	10,200
		** TOTAL INSIDE THE UNITED STATES FOR AFH	$	70,174	70,174

DEPARTMENT OF THE ARMY
FISCAL YEAR 2001
ARMY FAMILY HOUSING
NEW CONSTRUCTION (PART IIA)
(DOLLARS ARE IN THOUSANDS)
OUTSIDE THE UNITED STATES

STATE	PROJECT NUMBER	INSTALLATION (COMMAND) PROJECT TITLE		AUTHORIZATION REQUEST	APPROPRIATION REQUEST
Korea		Korea Various (EUSA)			
		* TOTAL AFH FOR Korea	$	21,800	21,800
		** TOTAL OUTSIDE THE UNITED STATES FOR AFH	$	21,800	21,800
		MILITARY CONSTRUCTION (PART IIA) TOTAL	$	91,974	91,974

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DEPARTMENT OF THE ARMY
FISCAL YEAR 2001
ARMY FAMILY HOUSING
POST ACQUISITION (PART IIB)
(DOLLARS ARE IN THOUSANDS)
INSIDE THE UNITED STATES

STATE	PROJECT NUMBER	INSTALLATION (COMMAND) PROJECT TITLE		AUTHORIZATION REQUEST	APPROPRIATION REQUEST
Alaska		Fort Wainwright (USARPAC)			
	41585	Family Housing Improvements		7,200	7,200
		SUBTOTAL Fort Wainwright PART IIB	$	7,200	7,200
		* TOTAL AFH FOR Alaska	$	7,200	7,200
District of Columbia		Fort McNair (MDW)			
	37183	Family Housing Improvements		1,300	1,300
		SUBTOTAL Fort McNair PART IIB	$	1,300	1,300
		* TOTAL AFH FOR District of Columbia	$	1,300	1,300
New York		United States Military Academy (USMA)			
	17963	Family Housing Improvements		9,100	9,100
		SUBTOTAL United States Military Acade	$	9,100	9,100
		* TOTAL AFH FOR New York	$	9,100	9,100
Virginia		Fort Belvoir (MDW)			
	50309	Family Housing Improvements		14,000	14,000
		SUBTOTAL Fort Belvoir PART IIB	$	14,000	14,000
		* TOTAL AFH FOR Virginia	$	14,000	14,000
		** TOTAL INSIDE THE UNITED STATES FOR AFH	$	31,600	31,600

DEPARTMENT OF THE ARMY
FISCAL YEAR 2001
ARMY FAMILY HOUSING
POST ACQUISITION (PART IIB)
(DOLLARS ARE IN THOUSANDS)
OUTSIDE THE UNITED STATES

STATE	PROJECT NUMBER	INSTALLATION (COMMAND) / PROJECT TITLE		AUTHORIZATION REQUEST	APPROPRIATION REQUEST
Germany		Bleidorn Fam Hsg (USAREUR)			
		Ansbach			
	45986	Family Housing Improvements		4,200	4,200
		SUBTOTAL Bleidorn Fam Hsg PART IIB	$	4,200	4,200
		Hainerberg Housing (USAREUR)			
		Wiesbaden			
	45079	Family Housing Improvements		13,200	13,200
		SUBTOTAL Hainerberg Housing PART IIB	$	13,200	13,200
		Leighton Barracks (USAREUR)			
		Wuerzburg			
	45089	Family Housing Improvements		6,300	6,300
		SUBTOTAL Leighton Barracks PART IIB	$	6,300	6,300
		Patrick Henry Village (USAREUR)			
		Heidelberg			
	49673	Family Housing Improvements		8,200	8,200
		SUBTOTAL Patrick Henry Village PART I	$	8,200	8,200
		* TOTAL AFH FOR Germany	$	31,900	31,900
Korea		Korea Various (EUSA)			
		Korea Various			
	50943	Family Housing Improvements		90	90
		SUBTOTAL Korea Various PART IIB	$	90	90
		* TOTAL AFH FOR Korea	$	90	90
		** TOTAL OUTSIDE THE UNITED STATES FOR AFH	$	31,990	31,990
		MILITARY CONSTRUCTION (PART IIB) TOTAL	$	63,590	63,590

ARMY FAMILY HOUSING
FY 2001 BUDGET ESTIMATE
AUTHORIZATION AND APPROPRIATION LANGUAGE

AUTHORIZATION LANGUAGE

SEC. 2102. FAMILY HOUSING

(a) CONSTRUCTION AND ACQUISITION.--Using amounts appropriated pursuant to the authorization of appropriations in section 2104(a)(5)(A), the Secretary of the Army may construct or acquire family housing units (including land acquisition) at the installations, for the purposes, and in the amounts set forth in the following table:

Army: Family Housing

State	Installation	Purpose	Amount
Arizona	Fort Huachuca	110 units	16,224,000
Hawaii	Schofield Barracks	72 units	15,500,000
Kentucky	Fort Campbell	56 units	7,800,000
Maryland	Fort Detrick	48 units	5,600,000
North Carolina	Fort Bragg	112 units	14,600,000
South Carolina	Fort Jackson	1 units	250,000
Texas	Fort Bliss	64 units	10,200,000
Korea	Camp Humphreys	60 units	21,800,000
		Subtotal	91,974,000

(b) PLANNING AND DESIGN.-- Using amounts appropriated pursuant to the authorization of appropriations in section 2104(a)(5)(A), the Secretary of the Army may carry out architectural and engineering services and construction design activities with respect to the construction or improvement of family housing units in an amount not to exceed [$4,300,000] $6,542,000

SEC. 2103. IMPROVEMENTS TO MILITARY FAMILY HOUSING UNITS.

Subject to section 2835 of title 10, United States Code, and using amounts appropriated pursuant to the authorization of appropriations in section 2104(a)(5)(A), the Secretary of the Army may improve existing military family housing in an amount not to exceed [$35,400,000] $63,590,000.

ARMY FAMILY HOUSING
FY 2001 BUDGET ESTIMATE
AUTHORIZATION AND APPROPRIATION LANGUAGE (Continued)

SEC. 2104. AUTHORIZATION OF APPROPRIATIONS, ARMY.

(a) IN GENERAL.
(5) For military family housing functions:

(A) For construction and acquisition, planning and design, and improvements of military family housing and facilities, [$80,700,000] $162,106,000.

(B) For support of military family housing (including the functions described in section 2833 of title 10, United States Code), and notwithstanding other provisions of law, for support of military family housing authorized in subchapter IV of title 10, United States Code [$1,086,312,000] $978,275,000.

APPROPRIATION LANGUAGE

For expenses of family housing for the Army for construction, including acquisition, replacement, addition, expansion, extension, alteration, and for operation and maintenance, including debt payment, leasing, minor construction, principal and interest charges, and insurance premiums, as authorized by law, as follows: for Construction [$80,700,000] $162,106,000 to remain available until [September 30, 2004] September 30, 2005; for Operation and Maintenance, and for debt payment [$1,086,312,000] $978,275,000; in all [$1,167,012,000] $1,140,381,000.

ARMY FAMILY HOUSING
FY 2001 BUDGET ESTIMATE
NEW CONSTRUCTION

($ in Thousands)	
FY 2001 Budget Request	$91,974
FY 2000 Current Estimate	$31,583

PURPOSE AND SCOPE

This program provides for construction where analysis indicates it will be more economical to build new units rather than continue to utilize substandard and inadequate on/off post housing. Cost estimates include site preparation, demolition, construction, and initial outfitting with fixtures and integral equipment, along with associated facilities such as roads, driveways, walks, utility systems, and community facilities.

PROGRAM SUMMARY

Authorization is requested in FY 2001 for:

1. Construction of 523 family housing units including 61 new units where none currently exist and 462 units to replace 462 units which are not economical to revitalize and which will be demolished.

2. Appropriation in the amount of $91,974,000 to fund construction of 523 family housing units and demolition of 462 existing family housing units.

ARMY FAMILY HOUSING
FY 2001 BUDGET ESTIMATE
NEW CONSTRUCTION (Continued)

A summary of the requested new construction funding program for FY 2001 follows:

Location	Mission	Number of Units Constr.	Number of Units Demolished	Amount ($000)
Deficit Reduction:				
Fort Jackson, SC	Current	1	0	250
Camp Humphreys, Korea ($1=1,149.80 WON)	Current	60	0	21,800
Replacement:				
Fort Huachuca, AZ	Current	110	110	16,224
Schofield Barracks, HI	Current	72	72	15,500
Fort Detrick, MD	Current	48	48	5,600
Fort Bragg, NC	Current	112	112	14,600
Fort Bliss, TX	Current	64	64	10,200
Fort Campbell, KY	Current	56	56	7,800
TOTAL		523	462	91,974

1. COMPONENT	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. DATE
ARMY		FEBRUARY 2000

3. INSTALLATION AND LOCATION	4. COMMAND	5. AREA CONSTRUCTION COST INDEX
Fort Huachuca Arizona	US Army Training and Doctrine Command	1.00

6. PERSONNEL STRENGTH:

	PERMANENT			STUDENTS			SUPPORTED			
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF 30 SEP 1999	654	3664	2205	339	1739	9	64	161	3801	12,636
B. END FY 2005	621	3563	1783	346	1851	8	65	142	3812	12,191

7. INVENTORY DATA ($000)

A. TOTAL AREA.....	41,088 ha (101,531 AC)	
B. INVENTORY TOTAL AS OF 30 SEP 1999.....		1,508,155
C. AUTHORIZATION NOT YET IN INVENTORY.....		12,925
D. AUTHORIZATION REQUESTED IN THE FY 2001 PROGRAM.....		16,224
E. AUTHORIZATION INCLUDED IN THE FY 2002 PROGRAM.....		9,500
F. PLANNED IN NEXT THREE YEARS (NEW MISSION ONLY).....		0
G. REMAINING DEFICIENCY.....		0
H. GRAND TOTAL.....		1,546,804

8. PROJECTS REQUESTED IN THE FY 2001 PROGRAM:

CATEGORY CODE	PROJECT NUMBER	PROJECT TITLE	COST ($000)	DESIGN STATUS START	DESIGN STATUS COMPLETE
711	49899	Family Housing Replacement Construction	16,224	TURNKEY	
		TOTAL	16,224		

9. FUTURE PROJECTS:

CATEGORY CODE	PROJECT TITLE	COST ($000)
A. INCLUDED IN THE FY 2002 PROGRAM:		
711	Family Housing Replacement Construction	9,500
	TOTAL	9,500

B. PLANNED NEXT THREE PROGRAM YEARS (NEW MISSION ONLY): NONE

10. MISSION OR MAJOR FUNCTIONS:

The current mission of Fort Huachuca is to provide logistical, administrative, legal, financial, supply, and community service support to tenant organizations including an Army Major Field Command (US Army Information Systems Command, USAISC), an USAISC Major Subcommand Headquarter element (Information Systems Engineering Command), 11th Signal Brigade, an Army Major Class II Activity (US Army Electronic Proving Ground), a Major TRADOC Activity (Army Intelligence Center and School), several Department of Defense Activities to include the Joint Test Element of the Joint Tactical Command, Control and Communications Agency, area AMC, TRADOC and FORSCOM Activities, and approximately 20 other tenant elements.

1. COMPONENT ARMY	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. DATE FEBRUARY 2000

INSTALLATION AND LOCATION: Fort Huachuca Arizona

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:

	($000)
A. AIR POLLUTION	0
B. WATER POLLUTION	0
C. OCCUPATIONAL SAFETY AND HEALTH	0

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

DD FORM 1 DEC 76 1390C

1.COMPONENT	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		FEBRUARY 2000

3.INSTALLATION AND LOCATION	4.PROJECT TITLE
Fort Huachuca, Arizona	Family Housing Replacement Construction

5.PROGRAM ELEMENT	6.CATEGORY CODE	7.PROJECT NUMBER	8.PROJECT COST ($000)
88741A	711	49899	Auth 16,224 Approp 16,224

9.COST ESTIMATES

ITEM	UM (M/E)	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITY				11,704
Replace SRNCO 3 BR Units	FA	68 --	102,324	(6,958)
Replace SRNCO 4 BR Units	FA	42 --	109,905	(4,616)
Building Information Systems	LS	--	--	(130)
SUPPORTING FACILITIES				3,643
Electric Service	LS	--	--	(347)
Water, Sewer, Gas	LS	--	--	(595)
Paving, Walks, Curbs & Gutters	LS	--	--	(887)
Storm Drainage	LS	--	--	(150)
Site Imp(509) Demo(1,155)	LS	--	--	(1,664)
ESTIMATED CONTRACT COST				15,347
CONTINGENCY PERCENT (.00 %)				
SUBTOTAL				15,347
SUPV, INSP & OVERHEAD (5.70%)				875
TOTAL REQUEST				16,222
TOTAL REQUEST (ROUNDED)				16,224
INSTALLED EQT-OTHER APPROP				(0)

10.Description of Proposed Construction

Whole neighborhood revitalization for senior noncommissioned officers by replacement of 110 Capehart family quarters originally constructed in 1958 to current standards. Construction consists of variously configured single and/or multi-unit, one and two story buildings. Dwellings will be factory built/manufactured houses and/or conventionally on-site constructed houses. The design includes frame construction with brick veneer, stucco or prefinished siding. Each unit will be provided with one covered (garage) and one uncovered off-street parking spaces. Project will provide individual heating and air conditioning units, hard wired interconnected smoke detectors, passive solar energy conservation features if cost effective, exterior storage, and all equipment and appliances for functional living units. Supporting facilities include all required utility services with individual meters, storm drainage, information (telephone and cable TV) systems, roads, driveways, sidewalks, street lighting, landscaping and recreational facilities. Abestos and lead base paint abatement is required in the demolition process. At least five percent of homes will be constructed such that they are accessible and easily modifiable to accommodate the requirements of the handicapped.

1.COMPONENT	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		FEBRUARY 2000

3.INSTALLATION AND LOCATION

Fort Huachuca, Arizona

4.PROJECT TITLE	5.PROJECT NUMBER
Family Housing Replacement Construction	49899

DESCRIPTION OF PROPOSED CONSTRUCTION: (CONTINUED)

Grade	No of Bedrooms	Net Area (SQ M)	Project Factor	Unit Cost	No of Units	Total ($000)
SRNCO	3	125.4	0.96	850.00	68	6,958
SRNCO	4	134.7	0.96	850.00	42	4,616
				Total	110	11,574

PROJECT: Whole Neighborhood revitalization by replacing 110 senior noncommissioned officer family quarters including neighborhood amenities and supporting infrastructure. (Current Mission)

REQUIREMENT: This project is required to improve existing family housing living conditions for senior noncommissioned officers and their families by providing quarters that meet current standards of quality of life, energy conservation, size, habitability and safety. Existing units are deteriorated to the extent that they cannot be economically renovated to current standards.

CURRENT SITUATION: These quarters have had no major improvements since construction in 1958. The kitchens are small, poorly arranged, lack adequate lighting, electrical receptacles, and modern appliances. Washer and dryers are located in kitchens. Bathrooms and shower facilities are cramped, inefficient in size and fixtures have deteriorated. The cooling systems are inadequate. The two-wire electrical system is deteriorated and does not meet electrical code requirements. The units have no ceiling or wall mounted lights and are deficient in the number of receptacles. The windows are single pane, have wind infiltration and are not energy efficient. The same applies to all exterior doors including the sliding glass door. Several units built during this same time period have experienced failure of the utility corridors which are built into the slab necessitating jack-hammering of the slab to effect repairs. This appears to be a developing trend.

IMPACT IF NOT PROVIDED: If this project is not provided, the quarters will continue to deteriorate with maintenance, repair and energy costs continuing to escalate. Occupants will continue to live in quarters that do not meet current standards, which adversely impacts the morale, health, safety and quality of life of the occupants.

ADDITIONAL: The life cycle cost analysis shows replacement construction to be more cost effective than all other feasible alternatives. This project has been coordinated with the installation physical security plan, and no anti-terrorism/force protection or physical security measures are required.

Installation Engineer: David Frodsham
Phone Number: 520 533-3141

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

DD FORM 1 DEC 76 1391C

MILITARY FAMILY HOUSING JUSTIFICATION	1. DATE OF REPORT	2. FISCAL YEAR	REPORT CONTROL SYMBOL
	February 2000	2001	P&L (AR) 1716

3. DOD COMPONENT	4. REPORTING INSTALLATION	
ARMY	a. NAME	b. LOCATION
5. DATA AS OF	Fort Huachuca A04005	Fort Huachuca AZ 85613

ANALYSIS OF REQUIREMENTS AND ASSETS	CURRENT				PROJECTED			
	OFFICER (a)	E9 - E4 (b)	E3 - E1 (c)	TOTAL (d)	OFFICER (e)	E9 - E4 (f)	E3 - E1 (g)	TOTAL (h)
6. TOTAL PERSONNEL STRENGTH	1,025	4,307	1,145	6,477	1,004	4,291	1,140	6,435
7. PERMANENT PARTY PERSONNEL	686	2,937	781	4,404	658	2,834	753	4,245
8. GROSS FAMILY HOUSING REQUIREMENTS	448	1,993	195	2,636	430	1,923	188	2,541
9. TOTAL UNACCEPTABLY HOUSED (a+b+c)	29	279	16	324				
a. INVOLUNTARILY SEPARATED				0				
b. IN MILITARY HOUSING TO BE DISPOSED/REPLACED				0				
c. UNACCEPTABLY HOUSED - IN COMMUNITY	29	279	16	324				
10. VOLUNTARY SEPARATIONS	29	116	6	151	28	112	6	146
11. EFFECTIVE HOUSING REQUIREMENTS	419	1,877	189	2,485	402	1,811	182	2,395
12. HOUSING ASSETS (a + b)	408	1,762	189	2,359	391	1,696	182	2,269
a. UNDER MILITARY CONTROL	171	1,568	136	1,875	271	1,442	162	1,875
(1). Housed in Existing DOD Owned/Controlled	153	1,404	120	1,677	271	1,442	162	1,875
(2). Under Contract / Approved							0	0
(3). Vacant	18	164	16	198				
(4). Inactive				0				
b. PRIVATE HOUSING	237	194	53	484	120	254	20	394
(1). Acceptably Housed	237	194	53	484				
(2). Acceptable Vacant Rental				0				
13. EFFECTIVE HOUSING DEFICIT	11	115	0	126	11	115	0	126
14. PROPOSED PROJECT						110		110

15. REMARKS (Specify item number)

Line 14: This project demolishes 110 uneconomical to repair units and replaces them with 110 Senior NCO units.

Senior NCO 42 4 Bedroom Units
Senior NCO 68 3 Bedroom Units

DD Form 1523, NOV 90 *Previous editions are obsolete*

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1. COMPONENT	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. DATE
ARMY		FEBRUARY 2000

3. INSTALLATION AND LOCATION	4. COMMAND	5. AREA CONSTRUCTION COST INDEX
Schofield Barracks Hawaii	US Army Pacific	1.55

6. PERSONNEL STRENGTH:

	PERMANENT			STUDENTS			SUPPORTED			
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF 30 SEP 1999	2214	12335	3718	24	95	0	133	1252	4854	24,625
B. END FY 2005	2173	11820	3220	21	125	0	164	1253	5104	23,880

7. INVENTORY DATA ($000)

A. TOTAL AREA..... 65,909 ha (162,864 AC)	
B. INVENTORY TOTAL AS OF 30 SEP 1999.....	4,455,693
C. AUTHORIZATION NOT YET IN INVENTORY.....	44,649
D. AUTHORIZATION REQUESTED IN THE FY 2001 PROGRAM.....	15,500
E. AUTHORIZATION INCLUDED IN THE FY 2002 PROGRAM.....	0
F. PLANNED IN NEXT THREE YEARS (NEW MISSION ONLY).....	0
G. REMAINING DEFICIENCY.....	105,100
H. GRAND TOTAL.....	4,620,924

8. PROJECTS REQUESTED IN THE FY 2001 PROGRAM:

CATEGORY CODE	PROJECT NUMBER	PROJECT TITLE	COST ($000)	DESIGN STATUS START	DESIGN STATUS COMPLETE
711	48456	Family Housing Replacement Construction	15,500		TURNKEY
		TOTAL	15,500		

9. FUTURE PROJECTS:

CATEGORY CODE	PROJECT TITLE	COST ($000)

A. INCLUDED IN THE FY 2002 PROGRAM: NONE

B. PLANNED NEXT THREE PROGRAM YEARS (NEW MISSION ONLY): NONE

10. MISSION OR MAJOR FUNCTIONS:

The primary mission of Schofield Barracks is to sustain the readiness status of the 25th Infantry Division. Schofield Barracks is one of the primary family housing sites on Oahu for Army personnel. It also provides administration, unaccompanied housing, support and training facilities for the Army in Hawaii.

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:

	($000)
A. AIR POLLUTION	0
B. WATER POLLUTION	0
C. OCCUPATIONAL SAFETY AND HEALTH	0

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1.COMPONENT	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		FEBRUARY 2000

3.INSTALLATION AND LOCATION	4.PROJECT TITLE
Schofield Barracks, Hawaii	Family Housing Replacement Construction

5.PROGRAM ELEMENT	6.CATEGORY CODE	7.PROJECT NUMBER	8.PROJECT COST ($000)
88741A	711	48456	Auth 15,500 Approp 15,500

9.COST ESTIMATES

ITEM	UM (M/E)	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITY				11,873
3 BR Quarters JRNCO	FA	20 --	143,857	(2,877)
4 BR Quarters JRNCO	FA	22 --	161,772	(3,559)
4 BR Quarters CGO	FA	30 --	173,767	(5,213)
Termite Barrier	FA	72 --	1,550	(112)
Building Information Systems	LS	--	--	(112)
SUPPORTING FACILITIES				2,893
Electric Service	LS	--	--	(605)
Water, Sewer, Gas	LS	--	--	(372)
Paving, Walks, Curbs & Gutters	LS	--	--	(715)
Storm Drainage	LS	--	--	(238)
Site Imp(588) Demo(271)	LS	--	--	(860)
Information Systems	LS	--	--	(103)
ESTIMATED CONTRACT COST				14,766
CONTINGENCY PERCENT (.00 %)				
SUBTOTAL				14,766
SUPV, INSP & OVERHEAD (6.50%)				960
TOTAL REQUEST				15,726
TOTAL REQUEST (ROUNDED)				15,500
INSTALLED EQT-OTHER APPROP				(0)

10.Description of Proposed Construction

Whole neighborhood revitalization by replacement of 72 (42 junior noncommissioned officer (JNCO) and 30 company grade officer (CGO)) to current standards. Replacement construction consists of variously configured one or two story multi-unit structures at Schofield Barracks. Dwelling units will be factory built and/or manufactured houses and/or conventionally on-site constructed houses. The design includes steel frame construction, brick veneer, stucco or prefinished siding and termite barriers. Each unit will be provided with one covered and one uncovered off-street parking spaces. Supporting facilities include all required utilities services, storm drainage, paving, walks, site improvements, information systems, and landscaping. Passive solar energy conservation measures will be included if cost effective. Project will provide all necessary appliances and equipment for functional living units, including hard wired interconnected smoke detectors. Demolish seventy-two units to include asbestos removal and demolition at two sites. At least five percent of the quarters will be constructed such that they will be accessible and easily modifiable to accommodate the requirements of the handicapped.

1.COMPONENT	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		FEBRUARY 2000

3.INSTALLATION AND LOCATION

Schofield Barracks, Hawaii

4.PROJECT TITLE	5.PROJECT NUMBER
Family Housing Replacement Construction	48456

DESCRIPTION OF PROPOSED CONSTRUCTION: (CONTINUED)

Grade	No of Bedrooms	Net Area (SQ M)	Project Factor	$/NSM	No of Units	Total $(000)
JRNCO	3	111.5	1.5178	850	20	2,877
JRNCO	4	125.4	1.5178	850	22	3,559
CGO	4	134.7	1.5178	850	30	5,213
				TOTAL	72	11,649

PROJECT: Whole neighborhood revitalization by replacing 72 family quarters, 42 for junior noncommissioned officers, and 30 for company grade officers, including supporting infrastructure and neighborhood amenities to current standards, and demolition of 72 existing units. (Current Mission)

REQUIREMENT: This project is required to improve existing family housing living conditions for these personnel and their families by providing quarters that meet current standards of quality of life, energy conservation, size, habitability and safety. Existing units are deteriorated to the extent that they cannot be economically renovated to current standards.

CURRENT SITUATION: Living spaces in these units do not meet acceptable standards of comfort and habitability. Constructed before 1964, the units are worn and deteriorated. The living, dining, kitchen, bedrooms, and bathroom areas require extensive repair and redesign. Electrical service is inadequate and does not meet current standards. The incandescent lighting is poor and not energy efficient. The kitchen and bathroom fixtures and facilities are deteriorated and require replacement. Presently, there is limited available parking spaces and carports. On-street parking is overcrowded making most streets accessible to one-way traffic only, and is a hazard to children at play. The sewer lines are deteriorated and also require replacement. The State Historic Preservation Officer has agreed to the replacement of the company grade officer quarters.

IMPACT IF NOT PROVIDED: If this project is not provided, the quarters will continue to deteriorate, causing maintenance and energy costs to accelerate. Service members will continue to reside in inadequate quarters which adversely affects the health, safety and quality of life of these junior NCO and company grade officer personnel and their families.

ADDITIONAL: The life cycle cost analysis shows replacement to be more cost effective than all other feasible alternatives. This project has been coordinated with the installation physical security plan, and no anti-terrorism/force protection or physical security measures are required.

Installation Engineer: Ltc(P) William Ryan
Phone Number: (808) 656-1289

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

DD FORM 1 DEC 76 1391C

MILITARY FAMILY HOUSING JUSTIFICATION	1. DATE OF REPORT	2. FISCAL YEAR	REPORT CONTROL SYMBOL
	February 2000	2001	P&L (AR) 1716

3. DOD COMPONENT	4. REPORTING INSTALLATION	
ARMY	a. NAME	b. LOCATION
5. DATA AS OF	US Army Oahu, Hawaii	Honolulu HI 96858-5000

ANALYSIS OF REQUIREMENTS AND ASSETS	CURRENT				PROJECTED			
	OFFICER (a)	E9 - E4 (b)	E3 - E1 (c)	TOTAL (d)	OFFICER (e)	E9 - E4 (f)	E3 - E1 (g)	TOTAL (h)
6. TOTAL PERSONNEL STRENGTH	2,371	11,393	2,289	16,053	2,358	10,990	2,208	15,556
7. PERMANENT PARTY PERSONNEL	2,358	11,313	2,274	15,945	2,348	10,885	2,188	15,421
8. GROSS FAMILY HOUSING REQUIREMENTS	1,422	7,605	673	9,700	1,416	7,317	647	9,380
9. TOTAL UNACCEPTABLY HOUSED (a+b+c)	66	337	0	403				
a. INVOLUNTARILY SEPARATED				0				
b. IN MILITARY HOUSING TO BE DISPOSED/REPLACED				0				
c. UNACCEPTABLY HOUSED - IN COMMUNITY	66	337		403				
10. VOLUNTARY SEPARATIONS	47	272	18	337	47	262	18	327
11. EFFECTIVE HOUSING REQUIREMENTS	1,375	7,333	655	9,363	1,369	7,055	629	9,053
12. HOUSING ASSETS (a + b)	1,309	6,996	655	8,960	1,303	6,718	629	8,650
a. UNDER MILITARY CONTROL	1,161	5,940	570	7,671	1,161	5,940	570	7,671
(1). Housed in Existing DOD Owned/Controlled	1,161	5,940	570	7,671	1,161	5,940	570	7,671
(2). Under Contract / Approved							0	0
(3). Vacant				0				
(4). Inactive				0				
b. PRIVATE HOUSING	148	1,056	85	1,289	142	778	59	979
(1). Acceptably Housed	148	1,056	85	1,289				
(2). Acceptable Vacant Rental				0				
13. EFFECTIVE HOUSING DEFICIT	66	337	0	403	66	337	0	403
14. PROPOSED PROJECT					30	42		72

15. REMARKS (Specify item number)

Line 14: This project demolishes 72 uneconomical to revitalize units and replaces them with 42 Junior NCO units and 30 Company Grade Officer units. There is no net change to the inventory as a result of this project.

Company Grade Officer	30	4 Bedroom Units
Junior NCO	22	4 Bedroom Units
Junior NCO	20	3 Bedroom Units

DD Form 1523, NOV 90 *Previous editions are obsolete*

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1. COMPONENT	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. DATE
ARMY		FEBRUARY 2000

3. INSTALLATION AND LOCATION	4. COMMAND	5. AREA CONSTRUCTION COST INDEX
Fort Campbell Kentucky	US Army Forces Command	1.06

6. PERSONNEL STRENGTH:

	PERMANENT			STUDENTS			SUPPORTED			
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF 30 SEP 1999	2935	20291	2081	7	143	0	21	156	3879	29,513
B. END FY 2005	2916	20295	1984	9	212	0	23	157	3879	29,475

7. INVENTORY DATA ($000)

A. TOTAL AREA..... 42,520 ha (105,070 AC)

B. INVENTORY TOTAL AS OF 30 SEP 1999.....	3,410,044
C. AUTHORIZATION NOT YET IN INVENTORY.....	32,514
D. AUTHORIZATION REQUESTED IN THE FY 2001 PROGRAM.....	7,800
E. AUTHORIZATION INCLUDED IN THE FY 2002 PROGRAM.....	0
F. PLANNED IN NEXT THREE YEARS (NEW MISSION ONLY).....	0
G. REMAINING DEFICIENCY.....	45,000
H. GRAND TOTAL.....	3,495,358

8. PROJECTS REQUESTED IN THE FY 2001 PROGRAM:

CATEGORY CODE	PROJECT NUMBER	PROJECT TITLE	COST ($000)	DESIGN STATUS START	DESIGN STATUS COMPLETE
711	51099	Family Housing Replacement Construction	7,800		TURNKEY
		TOTAL	7,800		

9. FUTURE PROJECTS:

CATEGORY CODE	PROJECT TITLE	COST ($000)

A. INCLUDED IN THE FY 2002 PROGRAM: NONE

B. PLANNED NEXT THREE PROGRAM YEARS (NEW MISSION ONLY): NONE

10. MISSION OR MAJOR FUNCTIONS:

Support and training of an Airborne (Air Assault) Division and other non-divisional support units.

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:

	($000)
A. AIR POLLUTION	0
B. WATER POLLUTION	0
C. OCCUPATIONAL SAFETY AND HEALTH	0

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1.COMPONENT	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		FEBRUARY 2000

3.INSTALLATION AND LOCATION	4.PROJECT TITLE
Fort Campbell, Kentucky	Family Housing Replacement Construction

5.PROGRAM ELEMENT	6.CATEGORY CODE	7.PROJECT NUMBER	8.PROJECT COST ($000)
88741A	711	51099	Auth 7,800 Approp 7,800

9.COST ESTIMATES

ITEM	UM (M/E)	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITY				5,692
3 Bedroom, Junior Enlisted	FA	56 --	100,424	(5,624)
Building Information Systems	LS	--	--	(68)
SUPPORTING FACILITIES				1,656
Electric Service	LS	--	--	(238)
Water, Sewer, Gas	LS	--	--	(178)
Paving, Walks, Curbs & Gutters	LS	--	--	(429)
Storm Drainage	LS	--	--	(52)
Site Imp(243) Demo(493)	LS	--	--	(736)
Information Systems	LS	--	--	(23)
ESTIMATED CONTRACT COST				7,348
CONTINGENCY PERCENT (.00 %)				
SUBTOTAL				7,348
SUPV, INSP & OVERHEAD (5.70%)				419
TOTAL REQUEST				7,767
TOTAL REQUEST (ROUNDED)				7,800
INSTALLED EQT-OTHER APPROP				(0)

10.Description of Proposed Construction

Whole neighborhood revitalization by replacement of 56 two-story three-bedroom junior enlisted Capehart family housing units constructed in 1957-1960. The existing 56 housing units (8 buildings) will be demolished and the site expanded to reduce the high density of units. Replacement construction consists of variously configured one or two story multi-unit structures. Dwelling units will be factory built and/or manufactured houses and/or conventionally on-site constructed houses. The design includes steel frame construction, brick veneer, stucco or prefinished siding. The project will include garages and patios. Supporting facilities include utilities, storm drainage, information (telephone and cable TV) systems, street paving, walks, curbs and gutters, and landscaping. The project will provide all necessary appliances and equipment for functional living units, including hard wired interconnected smoke detectors. Asbestos and lead paint removal is required. Neighborhood amenities include a playground and multipurpose court, placing telephone, cable TV and electrical lines underground, and additional street security lighting. At least five percent of the units will be accessible and easily modifiable to accommodate the requirements of the handicapped.

1.COMPONENT	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		FEBRUARY 2000

3.INSTALLATION AND LOCATION

Fort Campbell, Kentucky

4.PROJECT TITLE	5.PROJECT NUMBER
Family Housing Replacement Construction	51099

DESCRIPTION OF PROPOSED CONSTRUCTION: (CONTINUED)

Grade	No of Bedrooms	Net Area (SQ M)	Project Factor	$/NSM	No of Units	Total $(000)
JRENL	3	111.5	1.0596	850	56	5,624

PROJECT: Whole neighborhood revitalization by replacement of 56 junior enlisted family housing units to current construction standards including the supporting infrastructure and neighborhood amenities. (Current Mission)
REQUIREMENT: This project is required to meet current standards of size, habitability and safety and to improve the quality of living conditions in junior enlisted family quarters.
CURRENT SITUATION: These 56 family housing units were constructed in 1957-1960 using the townhouse housing concept and suffer from numerous inadequacies typical of housing constructed under the Capehart program. Foundations are cracked below grade and the brick veneer is dislodged. Vehicle parking is inadequate for residents, often resulting in parking long distances from their quarters, while visitors park on lawns. Pavements are worn and streets are too narrow for safe passage. Interior and exterior storage is insufficient. The electrical systems are inadequate to accomodate the electronics that accompany today's typical family. There are not enough bathroom facilities for two-story housing units. Bathroom fixtures and plumbing need to be replaced. Washer and dryer connections are located in the kitchen, and all units lack family rooms. The patio slabs are cracked and broken. Fencing is non-existant at most units and is badly deteriorated at the few units where it does exist. Sidewalks, drop-inlets, curbs and gutters are cracked or broken. Gas lines need replacing and many other utility lines need repair or replacement. Storm water ponding is evident in the streets and around the dwelling units. Neighborhood recreational equipment is inadequate to meet the needs of the families.
IMPACT IF NOT PROVIDED: If this project is not provided, service members will continue to reside in inadequate housing which will continue to deteriorate. Maintenance effort and associated costs will continue to accelerate. This adversely affects the health, safety and quality of life of these enlisted personnel and their families.
ADDITIONAL: The life cycle cost analysis shows replacement to be more cost effective than all other feasible alternatives. This project has been coordinated with the installation physical security plan, and no anti-terrorism/force protection or physical security measures are required.

Installation Engineer: COL Thomas L. Bailey
Phone Number: 502/798-9700

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED
DD FORM 1 DEC 76 1391C

MILITARY FAMILY HOUSING JUSTIFICATION	1. DATE OF REPORT	2. FISCAL YEAR	REPORT CONTROL SYMBOL
	February 2000	2001	P&L (AR) 1716

3. DOD COMPONENT	4. REPORTING INSTALLATION	
ARMY	a. NAME	b. LOCATION
5. DATA AS OF	Fort Campbell A21145	Fort Campbell KY 42223

ANALYSIS OF REQUIREMENTS AND ASSETS	CURRENT				PROJECTED			
	OFFICER (a)	E9 - E4 (b)	E3 - E1 (c)	TOTAL (d)	OFFICER (e)	E9 - E4 (f)	E3 - E1 (g)	TOTAL (h)
6. TOTAL PERSONNEL STRENGTH	2,954	15,803	4,738	23,495	2,936	15,862	4,755	23,553
7. PERMANENT PARTY PERSONNEL	2,947	15,699	4,707	23,353	2,927	15,705	4,708	23,340
8. GROSS FAMILY HOUSING REQUIREMENTS	2,078	10,986	1,275	14,339	2,064	10,990	1,276	14,330
9. TOTAL UNACCEPTABLY HOUSED (a+b+c)	96	892	143	1,131				
a. INVOLUNTARILY SEPARATED				0				
b. IN MILITARY HOUSING TO BE DISPOSED/REPLACED				0				
c. UNACCEPTABLY HOUSED - IN COMMUNITY	96	892	143	1,131				
10. VOLUNTARY SEPARATIONS	41	497	94	632	40	498	94	632
11. EFFECTIVE HOUSING REQUIREMENTS	2,037	10,489	1,181	13,707	2,024	10,492	1,182	13,698
12. HOUSING ASSETS (a + b)	1,961	9,711	1,053	12,725	1,948	9,714	1,054	12,716
a. UNDER MILITARY CONTROL	583	3,258	399	4,240	583	3,258	399	4,240
(1) Housed in Existing DOD Owned/Controlled	563	3,144	384	4,091	583	3,258	399	4,240
(2) Under Contract / Approved							0	0
(3) Vacant	20	114	15	149				
(4) Inactive				0				
b. PRIVATE HOUSING	1,378	6,453	654	8,485	1,365	6,456	655	8,476
(1) Acceptably Housed	1,378	6,453	654	8,485				
(2) Acceptable Vacant Rental				0				
13. EFFECTIVE HOUSING DEFICIT	76	778	128	982	76	778	128	982
14. PROPOSED PROJECT						56		56

15. REMARKS (Specify item number)

Line 14: This project demolishes 56 uneconomical to repair units and replaces them with 56 Junior NCO/Enlisted units.

Junior NCO/Enlisted 56 3 Bedroom Units

DD Form 1523, NOV 90 *Previous editions are obsolete*

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1. COMPONENT	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. DATE
ARMY		FEBRUARY 2000

3. INSTALLATION AND LOCATION	4. COMMAND	5. AREA CONSTRUCTION COST INDEX
Fort Detrick Maryland	US Army Medical Command	0.88

6. PERSONNEL STRENGTH:

	PERMANENT			STUDENTS			SUPPORTED			
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF 30 SEP 1999	184	1010	1645	4	0	0	96	87	2744	5,770
B. END FY 2005	207	964	1531	4	0	0	154	89	2899	5,848

7. INVENTORY DATA ($000)

A. TOTAL AREA..... 467 ha (1,153 AC)

B. INVENTORY TOTAL AS OF 30 SEP 1999.....	131,801
C. AUTHORIZATION NOT YET IN INVENTORY.....	0
D. AUTHORIZATION REQUESTED IN THE FY 2001 PROGRAM.....	5,600
E. AUTHORIZATION INCLUDED IN THE FY 2002 PROGRAM.....	0
F. PLANNED IN NEXT THREE YEARS (NEW MISSION ONLY).....	0
G. REMAINING DEFICIENCY.....	4,350
H. GRAND TOTAL.....	141,751

8. PROJECTS REQUESTED IN THE FY 2001 PROGRAM:

CATEGORY CODE	PROJECT NUMBER	PROJECT TITLE	COST ($000)	DESIGN STATUS START	DESIGN STATUS COMPLETE
711	43744	Family Housing Replacement Construction	5,600	TURNKEY	
		TOTAL	5,600		

9. FUTURE PROJECTS:

CATEGORY CODE	PROJECT TITLE	COST ($000)

A. INCLUDED IN THE FY 2002 PROGRAM: NONE

B. PLANNED NEXT THREE PROGRAM YEARS (NEW MISSION ONLY): NONE

10. MISSION OR MAJOR FUNCTIONS:

Installation Command & Centralized Base Operations Support Services for tenants:
USACC: East Coast Telecommunications Center.
OTSG (USAMRDC): USA Medical Research Institute of Infectious Diseases and
USA Medical Bioengineering R&D Laboratory.
USDHEW: NIGH, NIC: Frederick Cancer Research Center.
USDA: Agriculture Research Services: Plant Disease Research Laboratory.
US Air Force - Air Force Medical Materiel Field Office.
97th ARCOM - Flair Army Reserve Center (& other tenants).

1. COMPONENT ARMY	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. DATE FEBRUARY 2000

INSTALLATION AND LOCATION: Fort Detrick Maryland

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:

	($000)
A. AIR POLLUTION	0
B. WATER POLLUTION	0
C. OCCUPATIONAL SAFETY AND HEALTH	0

PREVIOUS EDITIONS MAY BE USED INTERNALLY
UNTIL EXHAUSTED

DD FORM 1 DEC 76 1390C

1.COMPONENT	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		FEBRUARY 2000

3.INSTALLATION AND LOCATION	4.PROJECT TITLE
Fort Detrick, Maryland	Family Housing Replacement Construction

5.PROGRAM ELEMENT	6.CATEGORY CODE	7.PROJECT NUMBER	8.PROJECT COST ($000)
88741A	711	43744	Auth 5,600 Approp 5,600

9.COST ESTIMATES

ITEM	UM (M/E)	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITY				4,184
Family Housing (Jr Enlisted)	FA	48 --	85,875	(4,122)
Information Systems	LS	--	--	(62)
SUPPORTING FACILITIES				1,070
Electric Service	LS	--	--	(78)
Water, Sewer, Gas	LS	--	--	(159)
Paving, Walks, Curbs & Gutters	LS	--	--	(123)
Storm Drainage	LS	--	--	(15)
Site Imp(101) Demo(569)	LS	--	--	(670)
Information Systems	LS	--	--	(25)
ESTIMATED CONTRACT COST				5,254
CONTINGENCY PERCENT (.00 %)				
SUBTOTAL				5,254
SUPV, INSP & OVERHEAD (5.70%)				299
TOTAL REQUEST				5,553
TOTAL REQUEST (ROUNDED)				5,600
INSTALLED EQT-OTHER APPROP				(0)

10.Description of Proposed Construction

Whole neighborhood revitalization by replacement of 48 junior noncommissioned officer (NCO) three bedroom family housing quarters constructed in the early 1950's. The existing housing will be demolished to permit use of the site for the replacement housing. Asbestos removal, lead abatement and demolition will be sequenced so as to not remove all housing at once. Construction consists of 48 multi-family townhouses in groups of four. Dwelling units will be factory built/manufactured houses and/or conventionally on-site constructed houses. The design includes frame construction, with brick veneer, stucco or prefinished siding, individual central heating and air conditioning, and hard wired interconnected smoke detectors. Each unit will have one covered (carport or garage) and one uncovered off-street parking space, exterior storage space and trash container enclosure. Project will provide all appliances and equipment for functional living units. Support facilities include all required utilities, electric service, storm drainage, telephone/cable TV systems, roads, walks, driveways, streetlighting, parking, landscaping and recreation facilities. Demolition of 48 existing units includes asbestos and lead based paint abatement. At least five percent of the quarters will be constructed such that they will be accessible and easily modifiable to accommodate the requirements of the handicapped.

1.COMPONENT	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		FEBRUARY 2000

3.INSTALLATION AND LOCATION

Fort Detrick, Maryland

4.PROJECT TITLE	5.PROJECT NUMBER
Family Housing Replacement Construction	43744

DESCRIPTION OF PROPOSED CONSTRUCTION: (CONTINUED)

Grade	No of Bedrooms	Net Area (SQ M)	Project Factor	Unit Cost	No of Units	Total ($000)
JRNCO	3	111.5	0.906	850.00	48	4,122

PROJECT: Whole neighborhood revitalization by replacement of 48 junior enlisted family housing quarters to current standards including supporting infrastructure and neighborhood amenities. (Current Mission)
REQUIREMENT: This project is required to improve existing living conditions for junior noncommissioned officers and their families by providing family housing which meets current standards of size, energy conservation, habitability, safety and quality of life. The existing units are deteriorated to the extent that they cannot be economically renovated to current standards.
CURRENT SITUATION: The family housing quarters in Buildings 1012 through 1017 are over 40 years old, and are undersized at 925 net square feet (85.9 net square meters). The electrical system is inadequate to meet current living standards, and plumbing systems have leaked causing interior damage. Operation and maintenance costs on these structures are steadily increasing. Covered parking and exterior storage is lacking, and the supporting utility systems require upgade due to age and deterioration.
IMPACT IF NOT PROVIDED: If this project is not provided, the quarters will continue to deteriorate, causing maintenance and energy costs to continue to escalate. Service members and their families will continue to reside in inadequate quarters which adversely affects their health, safety, morale and quality of life.
ADDITIONAL: This project has been coordinated with the installation physical security plan, and no anti-terrorism/force protection or physical security measures are required. The life cycle cost analysis shows replacement housing to be more cost effective than all other feasible alternatives.

Installation Engineer: Mr. Larry Potter
Phone Number: 301-619-2443

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED
DD FORM 1 DEC 76 1391C

MILITARY FAMILY HOUSING JUSTIFICATION	1. DATE OF REPORT	2. FISCAL YEAR	REPORT CONTROL SYMBOL
	February 2000	2001	P&L (AR) 1716

3. DOD COMPONENT	4. REPORTING INSTALLATION	
ARMY	a. NAME	b. LOCATION
5. DATA AS OF	Fort Detrick A24225	Frederick MD 21701

ANALYSIS OF REQUIREMENTS AND ASSETS	CURRENT				PROJECTED			
	OFFICER (a)	E9 - E4 (b)	E3 - E1 (c)	TOTAL (d)	OFFICER (e)	E9 - E4 (f)	E3 - E1 (g)	TOTAL (h)
6. TOTAL PERSONNEL STRENGTH	284	974	123	1,381	365	935	118	1,418
7. PERMANENT PARTY PERSONNEL	280	974	123	1,377	361	935	118	1,414
8. GROSS FAMILY HOUSING REQUIREMENTS	230	644	30	904	297	618	29	944
9. TOTAL UNACCEPTABLY HOUSED (a+b+c)	38	90	0	128				
a. INVOLUNTARILY SEPARATED				0				
b. IN MILITARY HOUSING TO BE DISPOSED/REPLACED				0				
c. UNACCEPTABLY HOUSED - IN COMMUNITY	38	90		128				
10. VOLUNTARY SEPARATIONS	13	38	2	53	17	37	1	55
11. EFFECTIVE HOUSING REQUIREMENTS	217	606	28	851	280	581	28	889
12. HOUSING ASSETS (a + b)	180	519	28	727	243	494	28	765
a. UNDER MILITARY CONTROL	26	129	0	155	26	129	0	155
(1). Housed in Existing DOD Owned/Controlled	25	126		151	26	129		155
(2). Under Contract / Approved							0	0
(3). Vacant	1	3		4				
(4). Inactive				0				
b. PRIVATE HOUSING	154	390	28	572	217	365	28	610
(1). Acceptably Housed	154	390	28	572				
(2). Acceptable Vacant Rental				0				
13. EFFECTIVE HOUSING DEFICIT	37	87	0	124	37	87	0	124
14. PROPOSED PROJECT						48		48

15. REMARKS (Specify item number)

Line 14: This project demolishes 48 uneconomical to repair units and replaces them with 48 Junior NCO units.

Junior NCO 48 3 Bedroom Units

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1. COMPONENT	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. DATE
ARMY		FEBRUARY 2000

3. INSTALLATION AND LOCATION	4. COMMAND	5. AREA CONSTRUCTION COST INDEX
Fort Bragg North Carolina	US Army Forces Command	0.88

6. PERSONNEL STRENGTH:

	PERMANENT			STUDENTS			SUPPORTED			
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF 30 SEP 1999	5298	34485	4357	623	1898	0	386	891	4886	52,824
B. END FY 2005	5340	34849	4020	577	1913	0	402	939	5093	53,133

7. INVENTORY DATA ($000)

A. TOTAL AREA.....	78,263 ha (193,392 AC)	
B. INVENTORY TOTAL AS OF 30 SEP 1999.....		4,562,622
C. AUTHORIZATION NOT YET IN INVENTORY.....		71,912
D. AUTHORIZATION REQUESTED IN THE FY 2001 PROGRAM.....		14,600
E. AUTHORIZATION INCLUDED IN THE FY 2002 PROGRAM.....		16,100
F. PLANNED IN NEXT THREE YEARS (NEW MISSION ONLY).....		0
G. REMAINING DEFICIENCY.....		0
H. GRAND TOTAL.....		4,665,234

8. PROJECTS REQUESTED IN THE FY 2001 PROGRAM:

CATEGORY CODE	PROJECT NUMBER	PROJECT TITLE	COST ($000)	DESIGN STATUS START	DESIGN STATUS COMPLETE
711	41809	Family Housing Replacement Construction	14,600		
		TOTAL	14,600		

9. FUTURE PROJECTS:

CATEGORY CODE	PROJECT TITLE	COST ($000)
A. INCLUDED IN THE FY 2002 PROGRAM:		
711	Family Housing Replacement Construction	9,200
711	Family Housing Replacement Construction	6,900
	TOTAL	16,100

B. PLANNED NEXT THREE PROGRAM YEARS (NEW MISSION ONLY): NONE

10. MISSION OR MAJOR FUNCTIONS:

Support and training of an Airborne Division and non-divisional support units; support to US Army Special Operations Command, including the 1st US Army Special Operations Command, and the USA John F. Kennedy Special Warfare Center & School; XVIII Corps Headquarters and miscellaneous other tenant activities.

1. COMPONENT ARMY	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. DATE FEBRUARY 2000

INSTALLATION AND LOCATION: Fort Bragg North Carolina

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:

	($000)
A. AIR POLLUTION	0
B. WATER POLLUTION	0
C. OCCUPATIONAL SAFETY AND HEALTH	0

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

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1.COMPONENT	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		FEBRUARY 2000

3.INSTALLATION AND LOCATION	4.PROJECT TITLE
Fort Bragg, North Carolina	Family Housing Replacement Construction

5.PROGRAM ELEMENT	6.CATEGORY CODE	7.PROJECT NUMBER	8.PROJECT COST ($000)
88741A	711	41809	Auth 14,600 Approp 14,600

9.COST ESTIMATES

ITEM	UM (M/E)	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITY				9,258
JR NCO Housing (3BR)	FA	112 --	81,696	(9,150)
Building Information Systems	LS	--	--	(108)
SUPPORTING FACILITIES				4,636
Electric Service	LS	--	--	(272)
Water, Sewer, Gas	LS	--	--	(827)
Paving, Walks, Curbs & Gutters	LS	--	--	(830)
Storm Drainage	LS	--	--	(109)
Site Imp(769) Demo(1,828)	LS	--	--	(2,598)
ESTIMATED CONTRACT COST				13,894
CONTINGENCY PERCENT (.00 %)				
SUBTOTAL				13,894
SUPV, INSP & OVERHEAD (5.70%)				792
TOTAL REQUEST				14,686
TOTAL REQUEST (ROUNDED)				14,600
INSTALLED EQT-OTHER APPROP				(0)

10.Description of Proposed Construction

Whole neighborhood revitalization by replacement of 112 junior enlisted and junior NCO Capehart dwelling units constructed in 1958 that are not economical to renovate. The existing 112 housing units will be demolished and the new units built on the existing site. Buildings will consist of variously configured one and two story multi-family units and/or one or two story duplex units. Dwelling units will be factory built/manufactured houses and/or conventionally site built houses with garages and patios. The design includes frame construction with brick veneer, stucco or prefinished siding. Project will provide individual heating and air conditioning, hard wired interconnected smoke detectors and all appliances and equipment for functional living units. Supporting facilities include utilities, storm drainage, information (telephone and cable TV) systems, new roads and parking areas, walks, curbs and gutters, recreation facilities and landscaping. Demolition of the existing 112 units requires abatement of asbestos and lead based paint. At least five percent of the units will be accessible and easily modifiable to accommodate the requirements of the handicapped.

1.COMPONENT	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		FEBRUARY 2000

3.INSTALLATION AND LOCATION

Fort Bragg, North Carolina

4.PROJECT TITLE	5.PROJECT NUMBER
Family Housing Replacement Construction	41809

DESCRIPTION OF PROPOSED CONSTRUCTION: (CONTINUED)

Grade	No of Bedrooms	Net Area (SQ M)	Project Factor	Unit Cost	No of Units	Total ($000)
JRENL	3	111.5	0.862	850.00	112	9,150

PROJECT: Whole neighborhood revitalization by replacement of 112 junior NCO family housing units, neighborhood amenities and supporting infrastructure. (Current Mission)

REQUIREMENT: This project is required to improve living conditions for junior NCOs and their families by providing family quarters that meet current standards of quality of life, size, habitability and safety. The existing units are deteriorated to the extent that they cannot be economically renovated to current standards.

CURRENT SITUATION: These 112 family housing units were constructed using the tract housing concept and suffer from numerous inadequacies typical of housing constructed under the Capehart program. The net area of living space in these three bedroom units is only 941 SF (87.4 net square meters). The units are two stories with only one bathroom which is on the second floor. Vehicle parking is lacking for residents and visitors. Interior and exterior storage is insufficient. The electrical systems are inadequate to accommodate the electronics that accompany today’s typical family. The bathroom fixtures, plumbing, heating and air conditioning systems are deteriorated, require continual maintenance and repair, and need to be replaced. Ceiling and wall insulation and insulated windows are required to improve energy efficiency. Roofs need to be replaced and the exterior finished with new siding. The overhead electrical wiring needs to be replaced with direct burial cable, existing water and sewer lines require replacement, and new playground equipment, privacy fences and landscaping are required. While over thirty years old, these units do not have the mature trees and landscaping associated with older neighborhoods, presenting a poor outside appearance and living environment. Asbestos exists in the floor tile mastic and in plumbing pipe insulation. Lead based paint exists on surfaces inside and outside the units.

IMPACT IF NOT PROVIDED: If this project is not provided, service members will continue to reside in inadequate housing which will continue to deteriorate. This adversely affects the health, safety and quality of life of these enlisted personnel and their families.

ADDITIONAL: The life cycle cost analysis shows replacement of the existing housing to be more cost effective than all other feasible alternatives. This project has been coordinated with the installation physical security plan, and no anti-terrorism/force protection or physical security measures are required.

Installation Engineer: Col Robert L. Shirron
Phone Number: 910-396-4009

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

DD FORM 1 DEC 76 1391C

MILITARY FAMILY HOUSING JUSTIFICATION	1. DATE OF REPORT	2. FISCAL YEAR	REPORT CONTROL SYMBOL
	February 2000	2001	P&L (AR) 1716

3. DOD COMPONENT	4. REPORTING INSTALLATION	
ARMY	a. NAME	b. LOCATION
5. DATA AS OF	Fort Bragg A37225	Fayetteville NC 28307-5000

ANALYSIS OF REQUIREMENTS AND ASSETS	CURRENT				PROJECTED			
	OFFICER (a)	E9 - E4 (b)	E3 - E1 (c)	TOTAL (d)	OFFICER (e)	E9 - E4 (f)	E3 - E1 (g)	TOTAL (h)
6. TOTAL PERSONNEL STRENGTH	6,125	27,922	8,571	42,618	6,094	28,179	8,650	42,923
7. PERMANENT PARTY PERSONNEL	5,705	27,156	8,336	41,197	5,692	27,374	8,403	41,469
8. GROSS FAMILY HOUSING REQUIREMENTS	3,622	17,641	2,046	23,309	3,613	17,782	2,063	23,458
9. TOTAL UNACCEPTABLY HOUSED (a+b+c)	203	1,831	247	2,281				
a. INVOLUNTARILY SEPARATED				0				
b. IN MILITARY HOUSING TO BE DISPOSED/REPLACED				0				
c. UNACCEPTABLY HOUSED - IN COMMUNITY	203	1,831	247	2,281				
10. VOLUNTARY SEPARATIONS	164	1,035	161	1,360	164	1,043	162	1,369
11. EFFECTIVE HOUSING REQUIREMENTS	3,458	16,606	1,885	21,949	3,449	16,739	1,901	22,089
12. HOUSING ASSETS (a + b)	3,360	15,161	1,778	20,299	3,351	15,294	1,794	20,439
a. UNDER MILITARY CONTROL	814	2,989	1,082	4,885	814	2,989	1,082	4,885
(1). Housed in Existing DOD Owned/Controlled	709	2,603	942	4,254	814	2,989	1,082	4,885
(2). Under Contract / Approved							0	0
(3). Vacant	105	386	140	631				
(4). Inactive				0				
b. PRIVATE HOUSING	2,546	12,172	696	15,414	2,537	12,305	712	15,554
(1). Acceptably Housed	2,546	12,172	696	15,414				
(2). Acceptable Vacant Rental				0				
13. EFFECTIVE HOUSING DEFICIT	98	1,445	107	1,650	98	1,445	107	1,650
14. PROPOSED PROJECT						112		112

15. REMARKS (Specify item number)

Line 14: This project demolishes 112 uneconomical to repair units and replaces them with 112 Junior NCO/Enlisted units.

Junior NCO/Enlisted 112 3 Bedroom Units

DD Form 1523, NOV 90 *Previous editions are obsolete*

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1. COMPONENT	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. DATE
ARMY		FEBRUARY 2000

3. INSTALLATION AND LOCATION	4. COMMAND	5. AREA CONSTRUCTION COST INDEX
Fort Jackson South Carolina	US Army Training and Doctrine Command	0.85

6. PERSONNEL STRENGTH:

	PERMANENT			STUDENTS			SUPPORTED			
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF 30 SEP 1999	975	4132	2125	215	14774	20	79	235	2390	24,945
B. END FY 2005	951	4139	1864	216	18022	15	81	246	2546	28,080

7. INVENTORY DATA ($000)

A. TOTAL AREA.....	21,166 ha (52,301 AC)	
B. INVENTORY TOTAL AS OF 30 SEP 1999.....		1,547,428
C. AUTHORIZATION NOT YET IN INVENTORY.....		0
D. AUTHORIZATION REQUESTED IN THE FY 2001 PROGRAM.....		250
E. AUTHORIZATION INCLUDED IN THE FY 2002 PROGRAM.....		0
F. PLANNED IN NEXT THREE YEARS (NEW MISSION ONLY).....		0
G. REMAINING DEFICIENCY.....		6,500
H. GRAND TOTAL.....		1,554,178

8. PROJECTS REQUESTED IN THE FY 2001 PROGRAM:

CATEGORY CODE	PROJECT NUMBER	PROJECT TITLE	COST ($000)	DESIGN START	STATUS COMPLETE
711	53270	Family Housing New Construction	250	10/1999	10/2000
		TOTAL	250		

9. FUTURE PROJECTS:

CATEGORY CODE	PROJECT TITLE	COST ($000)

A. INCLUDED IN THE FY 2002 PROGRAM: NONE

B. PLANNED NEXT THREE PROGRAM YEARS (NEW MISSION ONLY): NONE

10. MISSION OR MAJOR FUNCTIONS:

Provides support to the US Army Training Center and Fort Jackson; Basic Combat Training (BCT), Advanced Individual Training (AIT), Soldiers Support Institute including the Adjutant General School, Finance School, NCO Academy and Recruiting and Retention School; Chaplain Center and School, and other tenant activities and units.

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:

	($000)
A. AIR POLLUTION	0
B. WATER POLLUTION	0
C. OCCUPATIONAL SAFETY AND HEALTH	0

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1.COMPONENT	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		FEBRUARY 2000

3.INSTALLATION AND LOCATION	4.PROJECT TITLE
Fort Jackson, South Carolina	Family Housing New Construction

5.PROGRAM ELEMENT	6.CATEGORY CODE	7.PROJECT NUMBER	8.PROJECT COST ($000)
88741A	711	53270	Auth 250 Approp 250

9.COST ESTIMATES

ITEM	UM (M/E)	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITY				174
New GFOQ	FA	1 --	155,885	(156)
Garage	LS	--	--	(12)
Brick Veneer	LS	--	--	(2)
Building Information Systems	LS	--	--	(4)
SUPPORTING FACILITIES				59
Electric Service	LS	--	--	(9)
Water, Sewer, Gas	LS	--	--	(10)
Paving, Walks, Curbs & Gutters	LS	--	--	(12)
Storm Drainage	LS	--	--	(8)
Site Imp(18) Demo( )	LS	--	--	(18)
Information Systems	LS	--	--	(2)
ESTIMATED CONTRACT COST				233
CONTINGENCY PERCENT (.00 %)				
SUBTOTAL				233
SUPV, INSP & OVERHEAD (5.70%)				13
TOTAL REQUEST				246
TOTAL REQUEST (ROUNDED)				250
INSTALLED EQT-OTHER APPROP				(1)

10.Description of Proposed Construction

Construct one General/Flag Officer Quarters (GFOQ) including supporting infrastructure to current standards. The dwelling unit will be factory built/manufactured or conventionally on-site constructed. The design includes frame construction with brick veneer and garage. Project will provide all appliances, equipment and utilities for a functional living unit, including central heating and air conditioning and hard wired interconnected smoke detectors. Supporting facilities include all required utilities, storm drainage, information and communication systems, paving, sidewalks, porch/patio, curbs, gutters, parking, street lighting, fencing and landscaping.

Grade	No of Bedrooms	Net Area (SQ M)	Project Factor	Unit Cost	No of Units	Total ($000)
GFOQ	4	195.1	0.94	850	1	156

PROJECT: Construct one General/Flag Officer Quarters (GFOQ) to current standards including supporting infrastructure. (Current Mission)

1.COMPONENT	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		FEBRUARY 2000

3.INSTALLATION AND LOCATION

Fort Jackson, South Carolina

4.PROJECT TITLE	5.PROJECT NUMBER
Family Housing New Construction	53270

REQUIREMENT: This project is needed to improve existing family housing living conditions for a General Officer and his family by providing quarters that meet current standards of size, energy conservation, habitability and safety. Existing housing is inadequate for a GFOQ, but is adequate and required as housing for a senior officer.

CURRENT SITUATION: There are adequate quarters for only two of the three general officers currently stationed at Fort Jackson. A redesignated Senior Officer's quarters is currently being utilized as General Officer's family housing by one of these officers, but it is inadequate, undersized and improperly located for a General Officer with dependents. As commander of the forward element of the Active Component & Army National Guard (AC/ARNG) Integrated Division Headquarters, this Brigadier General is required to reside on post. This command will provide oversight on three enhanced pre-mobilization and post-mobilization training brigades.

IMPACT IF NOT PROVIDED: If this project is not provided, adequate family housing quarters that will accommodate all General Officers assigned to Fort Jackson will not be attained. One General Officer will continue to be housed in an undersized and inadequate family quarters which is not commensurate with the rank, safety, duties, and official responsibilities of the occupant.

ADDITIONAL: This project's proposed location is in the main cantonment area located on Pershing Road, and is within a family housing land-use zone as defined and established on the Fort Jackson Real Property Master Plan. This project has been coordinated with the installation physical security plan, and no anti-terrorism/force protection or physical security measures are required.

Installation Engineer: Ltc. Edward Mazion
Phone Number: 803/751-5658

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

DD FORM 1 DEC 76 1391C

MILITARY FAMILY HOUSING JUSTIFICATION	1. DATE OF REPORT	2. FISCAL YEAR	REPORT CONTROL SYMBOL
	February 2000	2001	P&L (AR) 1716

3. DOD COMPONENT	4. REPORTING INSTALLATION	
ARMY	a. NAME	b. LOCATION
5. DATA AS OF	Fort Jackson A45455	Fort Jackson SC 29207

ANALYSIS OF REQUIREMENTS AND ASSETS	CURRENT				PROJECTED			
	OFFICER (a)	E9 - E4 (b)	E3 - E1 (c)	TOTAL (d)	OFFICER (e)	E9 - E4 (f)	E3 - E1 (g)	TOTAL (h)
6. TOTAL PERSONNEL STRENGTH	973	6,255	11,707	18,935	957	7,415	13,878	22,250
7. PERMANENT PARTY PERSONNEL	758	1,113	2,083	3,954	741	1,152	2,155	4,048
8. GROSS FAMILY HOUSING REQUIREMENTS	581	768	280	1,629	568	794	290	1,652
9. TOTAL UNACCEPTABLY HOUSED (a+b+c)	11	104	7	122				
a. INVOLUNTARILY SEPARATED				0				
b. IN MILITARY HOUSING TO BE DISPOSED/REPLACED				0				
c. UNACCEPTABLY HOUSED - IN COMMUNITY	11	104	7	122				
10. VOLUNTARY SEPARATIONS	17	44	29	90	17	45	30	92
11. EFFECTIVE HOUSING REQUIREMENTS	564	724	251	1,539	551	749	260	1,560
12. HOUSING ASSETS (a + b)	563	724	251	1,538	550	749	260	1,559
a. UNDER MILITARY CONTROL	297	715	248	1,260	294	717	249	1,260
(1) Housed in Existing DOD Owned/Controlled	287	611	241	1,139	294	717	249	1,260
(2) Under Contract / Approved							0	0
(3) Vacant	10	104	7	121				
(4) Inactive				0				
b. PRIVATE HOUSING	266	9	3	278	256	32	11	299
(1) Acceptably Housed	266	9	3	278				
(2) Acceptable Vacant Rental				0				
13. EFFECTIVE HOUSING DEFICIT	1	0	0	1	1	0	0	1
14. PROPOSED PROJECT					1			1

15. REMARKS (Specify item number)

Line 14: This project constructs 1 new GFOQ.

General Officer 1 ... 4 Bedroom Unit

DD Form 1523, NOV 90 *Previous editions are obsolete*

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1. COMPONENT	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. DATE
ARMY		FEBRUARY 2000

3. INSTALLATION AND LOCATION	4. COMMAND	5. AREA CONSTRUCTION COST INDEX
Fort Bliss Texas	US Army Training and Doctrine Command	0.91

6. PERSONNEL STRENGTH:

	PERMANENT			STUDENTS			SUPPORTED			
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF 30 SEP 1999	1503	7782	2443	265	1653	3	113	283	4059	18,104
B. END FY 2005	1566	8238	2097	193	2352	3	113	262	4059	18,883

7. INVENTORY DATA ($000)

A. TOTAL AREA..... 455,877 ha (1,126,492 AC)

B. INVENTORY TOTAL AS OF 30 SEP 1999.....	3,067,988
C. AUTHORIZATION NOT YET IN INVENTORY.....	24,659
D. AUTHORIZATION REQUESTED IN THE FY 2001 PROGRAM.....	10,200
E. AUTHORIZATION INCLUDED IN THE FY 2002 PROGRAM.....	9,500
F. PLANNED IN NEXT THREE YEARS (NEW MISSION ONLY).....	0
G. REMAINING DEFICIENCY.....	4,160
H. GRAND TOTAL.....	3,116,507

8. PROJECTS REQUESTED IN THE FY 2001 PROGRAM:

CATEGORY CODE	PROJECT NUMBER	PROJECT TITLE	COST ($000)	DESIGN STATUS START	DESIGN STATUS COMPLETE
711	30978	Family Housing Replacement Construction	10,200	01/1998	06/1999
		TOTAL	10,200		

9. FUTURE PROJECTS:

CATEGORY CODE	PROJECT TITLE	COST ($000)
A. INCLUDED IN THE FY 2002 PROGRAM:		
711	Family Housing Replacement Construction	9,500
	TOTAL	9,500

B. PLANNED NEXT THREE PROGRAM YEARS (NEW MISSION ONLY): NONE

10. MISSION OR MAJOR FUNCTIONS:

Provides support to the US Army Air Defense Center and School; William Beaumont Army Medical Center; US Army Sergeants Major Academy, and other tenant activities and units.

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:

	($000)
A. AIR POLLUTION	0
B. WATER POLLUTION	0
C. OCCUPATIONAL SAFETY AND HEALTH	0

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1.COMPONENT	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		FEBRUARY 2000

3.INSTALLATION AND LOCATION	4.PROJECT TITLE
Fort Bliss, Texas	Family Housing Replacement Construction

5.PROGRAM ELEMENT	6.CATEGORY CODE	7.PROJECT NUMBER	8.PROJECT COST ($000)
88741A	711	30978	Auth 10,200 Approp 10,200

9.COST ESTIMATES

ITEM	UM (M/E)	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITY				6,544
Family Housing Sr NCO	FA	64 --	97,406	(6,234)
Passive Solar	FA	64 --	2,470	(158)
Ground Source Heat Pu	EA	64 --	1,015	(65)
Building Information Systems	LS	--	--	(87)
SUPPORTING FACILITIES				3,148
Electric Service	LS	--	--	(429)
Water, Sewer, Gas	LS	--	--	(450)
Paving, Walks, Curbs & Gutters	LS	--	--	(321)
Storm Drainage	LS	--	--	(155)
Site Imp(706) Demo(739)	LS	--	--	(1,445)
Information Systems	LS	--	--	(348)
ESTIMATED CONTRACT COST				9,692
CONTINGENCY PERCENT (.00 %)				
SUBTOTAL				9,692
SUPV, INSP & OVERHEAD (5.70%)				552
TOTAL REQUEST				10,244
TOTAL REQUEST (ROUNDED)				10,200
INSTALLED EQT-OTHER APPROP				(0)

10.Description of Proposed Construction

Whole neighborhood revitalization by replacement of 64 Wherry (42 three-bedroom and 22 four-bedroom) senior noncommissioned officer (NCO) family housing units constructed in 1951 which are uneconomical to revitalize. This is part one of a two-phased program to replace inadequate housing in this housing area. Work includes extension, modification and replacement of street and utility infrastructure on a new site. Construction will consist of variously configured single and/or multi-unit, one story buildings. Dwelling units will be factory built/manufactured houses and/or conventionally on-site built houses. The design includes frame construction with brick veneer, stucco or prefinished siding, garages, passive solar features, heating and cooling by individual units, hard wired interconnected smoke detectors, and all equipment and appliances for functional living units. Supporting facilities include landscaping, streets, sidewalks, driveways, street lighting, utility services, telephone and cable TV systems, storm drainage, recreational areas, perimeter and privacy fencing. Existing housing will be demolished (64 units) to include asbestos and lead-based paint removal/abatement. Site preparation includes demolition of existing streets, utilities, and foundations. At least five percent of the quarters will be constructed such that they are accessible and easily modifiable to accommodate requirements of the handicapped.

1.COMPONENT	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		FEBRUARY 2000

3.INSTALLATION AND LOCATION

Fort Bliss, Texas

4.PROJECT TITLE	5.PROJECT NUMBER
Family Housing Replacement Construction	30978

DESCRIPTION OF PROPOSED CONSTRUCTION: (CONTINUED)

Grade	Bedrooms	Net Area (SQ M)	Project Factor	Unit Cost	NO. Units	($000) Total
SRNCO	3	125.4	0.891	850.00	42	3,990
SRNCO	4	134.7	0.891	850.00	22	2,244
				TOTAL	64	6,234

PROJECT: Whole neighborhood revitalization by replacing 64 senior noncommissioned officer family housing units including neighborhood amenities and supporting infrastructure to current standards. (Current Mission)

REQUIREMENT: This project is required to improve existing conditions of these senior noncommissioned officer family quarters, neighborhood amenities and support facilities by providing quarters that meet current standards of energy conservation, size, habitability and safety. Existing units are deteriorated to the extent that they cannot be economically improved to meet current standards.

CURRENT SITUATION: These 48 year-old units have had no major improvements since original construction. Kitchens and bathrooms are poorly arranged, worn out and need replacement. Electrical system is deteriorated and does not meet current code requirements. Housing units contain asbestos and lead-based paint. Housing units are too close together, with some units only six feet apart. The units are essentially a concrete box with a flat built-up roof. The painted textured exterior finish is separating from the concrete wall surfaces. Attempts to repair the many roof leaks have not been fully successful, resulting in interior water damage. The houses have insufficient interior space; three-bedroom units have only 98.5 NSQ M (1,060 net square feet) and four-bedroom units have only 112.1 NSQ M (1,207 net square feet). Many units do not have privacy fencing. Overhead power and telephone lines are deteriorated and unsightly. Streets, driveways and sidewalks need repair and stormwater runoff ponds in streets due to inadequate drainage. Many streets have sidewalks on only one side. Neighborhood recreational facilities are inadequate.

IMPACT IF NOT PROVIDED: If this project is not provided, senior enlisted service members and their families will continue to reside in inadequate housing that does not provide an acceptable quality of life. The buildings are rapidly deteriorating which adversely affects the health, safety and quality of life of these enlisted personnel and their families. Maintenance and energy costs will continue to accelerate, preventing achievement of the President’s energy reduction goals.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and no anti-terrorism/force protection or physical security

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

DD FORM 1 DEC 76 1391C

1.COMPONENT	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		FEBRUARY 2000

3.INSTALLATION AND LOCATION

Fort Bliss, Texas

4.PROJECT TITLE	5.PROJECT NUMBER
Family Housing Replacement Construction	30978

ADDITIONAL: (CONTINUED)
measures are required. The life cycle cost analysis shows replacement construction to be more cost effective than all other feasible alternatives.

Installation Engineer: Ltc(P) Dale Carr
Phone Number: 915-568-5101

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MILITARY FAMILY HOUSING JUSTIFICATION	1. DATE OF REPORT	2. FISCAL YEAR	REPORT CONTROL SYMBOL
	February 2000	2001	P&L (AR) 1716

3. DOD COMPONENT	4. REPORTING INSTALLATION	
ARMY	a. NAME	b. LOCATION
5. DATA AS OF	Fort Bliss A48125	El Paso TX 79916

ANALYSIS OF REQUIREMENTS AND ASSETS	CURRENT				PROJECTED			
	OFFICER (a)	E9 - E4 (b)	E3 - E1 (c)	TOTAL (d)	OFFICER (e)	E9 - E4 (f)	E3 - E1 (g)	TOTAL (h)
6. TOTAL PERSONNEL STRENGTH	1,790	6,722	2,486	10,998	1,769	7,463	2,760	11,992
7. PERMANENT PARTY PERSONNEL	1,549	6,011	2,223	9,783	1,584	6,238	2,307	10,129
8. GROSS FAMILY HOUSING REQUIREMENTS	918	4,346	534	5,798	939	4,511	554	6,003
9. TOTAL UNACCEPTABLY HOUSED (a+b+c)	123	1,231	46	1,400				
a. INVOLUNTARILY SEPARATED				0				
b. IN MILITARY HOUSING TO BE DISPOSED/REPLACED				0				
c. UNACCEPTABLY HOUSED - IN COMMUNITY	123	1,231	46	1,400				
10. VOLUNTARY SEPARATIONS	29	229	49	307	30	238	51	319
11. EFFECTIVE HOUSING REQUIREMENTS	889	4,118	485	5,491	909	4,273	503	5,685
12. HOUSING ASSETS (a + b)	837	3,253	485	4,575	884	3,859	503	5,246
a. UNDER MILITARY CONTROL	446	2,289	289	3,024	446	2,289	289	3,024
(1). Housed in Existing DOD Owned/Controlled	375	1,922	243	2,540	446	2,289	289	3,024
(2). Under Contract / Approved							0	0
(3). Vacant	71	367	46	484				
(4). Inactive				0				
b. PRIVATE HOUSING	391	964	196	1,551	438	1,570	214	2,222
(1). Acceptably Housed	391	964	196	1,551				
(2). Acceptable Vacant Rental				0				
13. EFFECTIVE HOUSING DEFICIT	52	414	0	466	52	414	0	466
14. PROPOSED PROJECT						64		64

15. REMARKS (Specify item number)

Line 14: This project demolishes 64 uneconomical to reviatilize units and replaces them with 64 Senior NCO units. There is no net change to the inventory.

Senior NCO 22 4 Bedroom Units
42 3 Bedroom Units

DD Form 1523, NOV 90 *Previous editions are obsolete*

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1. COMPONENT	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. DATE
ARMY		FEBRUARY 2000

3. INSTALLATION AND LOCATION	4. COMMAND	5. AREA CONSTRUCTION COST INDEX
Korea Various Korea	Eighth United States Army	1.08

6. PERSONNEL STRENGTH:

	PERMANENT			STUDENTS			SUPPORTED			
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF 30 SEP 1999	443	2879	345	0	0	0	8	670	705	5,050
B. END FY 2005	451	2823	329	0	0	0	8	638	705	4,954

7. INVENTORY DATA ($000)

A. TOTAL AREA..... 0 ha (0 AC)

B. INVENTORY TOTAL AS OF 30 SEP 1999.....	0
C. AUTHORIZATION NOT YET IN INVENTORY.....	7,859
D. AUTHORIZATION REQUESTED IN THE FY 2001 PROGRAM.....	21,800
E. AUTHORIZATION INCLUDED IN THE FY 2002 PROGRAM.....	19,000
F. PLANNED IN NEXT THREE YEARS (NEW MISSION ONLY).....	0
G. REMAINING DEFICIENCY.....	2,280
H. GRAND TOTAL.....	50,939

8. PROJECTS REQUESTED IN THE FY 2001 PROGRAM:

CATEGORY CODE	PROJECT NUMBER	PROJECT TITLE	COST ($000)	DESIGN STATUS START	DESIGN STATUS COMPLETE
711	51489	Family Housing New Construction	21,800		TURNKEY
		TOTAL	21,800		

9. FUTURE PROJECTS:

CATEGORY CODE	PROJECT TITLE	COST ($000)
A. INCLUDED IN THE FY 2002 PROGRAM:		
711	Family Housing New Construction	19,000
	TOTAL	19,000

B. PLANNED NEXT THREE PROGRAM YEARS (NEW MISSION ONLY): NONE

10. MISSION OR MAJOR FUNCTIONS:

The Eighth United States Army (EUSA) exercises command and control over all assigned EUSA units. Organizes, equips, trains, and employs forces assigned to ensure optimum readiness for combat operations. Attains and maintains a posture of combet readiness to successfully deter any attack upon the Republic of Korea. If deterrence fails, EUSA will conduct sustained Army, joint, and combined military operations to defeat the enemy. Provides logistical and administrative support for forces, including Headquarters, United Nations Command (HQ UNC), in order to fulfill the operational requirements of ROK-US and USFK. Provides support to other commands, agencies, services, nonassigned US Army forces and ROK armed forces as directed by higher authority.

1. COMPONENT ARMY	FY 2001 MILITARY CONSTRUCTION PROGRAM	2. DATE FEBRUARY 2000

INSTALLATION AND LOCATION: Korea Various Korea

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:

	($000)
A. AIR POLLUTION	0
B. WATER POLLUTION	0
C. OCCUPATIONAL SAFETY AND HEALTH	0

PREVIOUS EDITIONS MAY BE USED INTERNALLY
UNTIL EXHAUSTED

DD FORM 1 DEC 76 1390C

1.COMPONENT	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		FEBRUARY 2000

3.INSTALLATION AND LOCATION	4.PROJECT TITLE
Korea Various, Korea	Family Housing New Construction

5.PROGRAM ELEMENT	6.CATEGORY CODE	7.PROJECT NUMBER	8.PROJECT COST ($000)
88741A	711	51489	Auth 21,800 Approp 21,800

9.COST ESTIMATES

ITEM	UM (M/E)	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITY				18,501
Family Housing (5 Story)	FA	60 --	269,308	(16,158)
Sprinkler System	m2 (SF)	6,980 (75,132)	65.17	(455)
Pile Fndn	m (LF)	5,163 (16,939)	187.37	(967)
Elevator-Pass	EA	2 --	143,693	(287)
Elevator-Service	EA	1 --	246,331	(246)
Building Information Systems	LS	--	--	(388)
SUPPORTING FACILITIES				1,969
Electric Service	LS	--	--	(184)
Water, Sewer, Gas	LS	--	--	(254)
Paving, Walks, Curbs & Gutters	LS	--	--	(250)
Storm Drainage	LS	--	--	(343)
Site Imp(827) Demo( )	LS	--	--	(827)
Information Systems	LS	--	--	(111)
ESTIMATED CONTRACT COST				20,470
CONTINGENCY PERCENT (.00 %)				
SUBTOTAL				20,470
SUPV, INSP & OVERHEAD (6.50%)				1,331
TOTAL REQUEST				21,801
TOTAL REQUEST (ROUNDED)				21,800
INSTALLED EQT-OTHER APPROP				(0)

10.Description of Proposed Construction

Construct 60 two, three and four bedroom senior noncommissioned officer, warrant and company grade officer multi-story apartment type family quarters at Camp Humphreys. This is phase 2 of a 3-phase family housing program to construct a total of 180 family quarters at Camp Humphreys, and consists of 60 units in a five story building. Due to the limited area available, high density construction is required with elevator access and a fire protection sprinkler and alarm system. Project will provide central hot water, heating and air conditioning, kitchen range, refrigerator, dishwasher, garbage disposal, washer, dryer and telephone/TV system. Supporting facilities include underground utilities, two water wells, earthwork, grading, parking, walks, curbs and gutters, area lighting, tot lots, multi-purpose courts, signage, landscaping and drainage. At least five percent of the quarters will be constructed such that they will be accessible and easily modifiable to accommodate the requirements of the handicapped.

1.COMPONENT	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		FEBRUARY 2000

3.INSTALLATION AND LOCATION

Korea Various, Korea

4.PROJECT TITLE	5.PROJECT NUMBER
Family Housing New Construction	51489

DESCRIPTION OF PROPOSED CONSTRUCTION: (CONTINUED)

GRADE	NO. OF BEDROOMS	NET AREA (SQ M)	PROJ FACTOR	$/SQ M	NO. UNITS	($000) TOTAL COST
O1-3	4	134.7	1.0686	1998	2	575
WO2-3	4	134.7	1.0686	1998	3	863
E7-9	4	134.7	1.0686	1998	3	863
O1-3	3	125.4	1.0686	1998	5	1,339
WO2-3	3	125.4	1.0686	1998	9	2,410
E7-9	3	125.4	1.0686	1998	22	5,890
O1-3	2	88.3	1.0686	1998	8	1,508
WO2-3	2	88.3	1.0686	1998	8	1,508
					60	14,956

Note: $/SQ M based on unit cost of barracks type construction, and converts family housing authorized net square meters to gross square meters.

PROJECT: Construct 60 senior noncommissioned officer, warrant and company grade officer multi-story apartment type family housing dwelling units and supporting facilities at Camp Humphreys. (Current mission)

REQUIREMENT: This project is required to provide permanent adequate on-post family housing facilities for command sponsored military personnel and key and essential civilians and their families.

CURRENT SITUATION: There are only six Army owned or controlled family housing at Camp Humphreys. Consequently, virtually all command sponsored personnel with families are required to reside in housing located in nearby Korean communities. Most of the off-post housing is inadequate due to lack of potable running water. Although bottled water is available, families are still exposed to water borne health risks from the use of the non-potable water. Housing which can be deemed adequate far exceeds allowances, and affordable housing does not meet minimum adequacy standards.

IMPACT IF NOT PROVIDED: If this project is not provided, command sponsored personnel will continue to live in substandard off-post housing and be exposed to health risks from the use of non-potable water. Mission accomplishment will be degraded by the dispersion of key personnel in off-post housing, and the quality of life available to these personnel will be adversely impacted.

ADDITIONAL: This project has been coordinated with the installation physical security plan and no physical security and/or CBT/T measures other than those required by regulation, or included in Corps of Engineers standardized designs for this type facility are required. Alternative methods of meeting this requirement have been analyzed during project development, and new construction is the only feasible option to meet the requirement. This project is located on an installation which will be retained by United States Forces Korea (USFK) and Eighth United States Army (EUSA) for the foreseeable future. A follow-on phase will complete this multi-building complex of family housing.

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

DD FORM 1 DEC 76 1391C

1.COMPONENT	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		FEBRUARY 2000

3.INSTALLATION AND LOCATION

Korea Various, Korea

4.PROJECT TITLE	5.PROJECT NUMBER
Family Housing New Construction	51489

ADDITIONAL: (CONTINUED)
The possibility of Host Nation funding for this project has been addressed, but sufficient funds from the Host Nation programs are not available to support this requirement.

Installation Engineer: Mr. Richard E. Bain
Phone Number: DSN (315) 753-6051

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MILITARY FAMILY HOUSING JUSTIFICATION	1. DATE OF REPORT	2. FISCAL YEAR	REPORT CONTROL SYMBOL
	February 2000	2001	P&L (AR) 1716

3. DOD COMPONENT	4. REPORTING INSTALLATION	
ARMY	a. NAME	b. LOCATION
5. DATA AS OF	Camp Humpherys KS208	Pyongtack Korea

ANALYSIS OF REQUIREMENTS AND ASSETS	CURRENT				PROJECTED			
	OFFICER (a)	E9 - E4 (b)	E3 - E1 (c)	TOTAL (d)	OFFICER (e)	E9 - E4 (f)	E3 - E1 (g)	TOTAL (h)
6. TOTAL PERSONNEL STRENGTH	445	2,873	664	3,982	453	2,802	647	3,902
7. PERMANENT PARTY PERSONNEL	445	2,873	664	3,982	453	2,802	647	3,902
8. GROSS FAMILY HOUSING REQUIREMENTS	91	96	0	187	133	96	0	229
9. TOTAL UNACCEPTABLY HOUSED (a+b+c)	88	93	0	181				
a. INVOLUNTARILY SEPARATED				0				
b. IN MILITARY HOUSING TO BE DISPOSED/REPLACED				0				
c. UNACCEPTABLY HOUSED - IN COMMUNITY	88	93		181				
10. VOLUNTARY SEPARATIONS	0	0	0	0	0	0	0	0
11. EFFECTIVE HOUSING REQUIREMENTS	91	96	0	187	133	96	0	229
12. HOUSING ASSETS (a + b)	3	3	0	6	55	11	0	66
a. UNDER MILITARY CONTROL	3	3	0	6	55	11	0	66
(1) Housed in Existing DOD Owned/Controlled	3	3		6	3	3		6
(2) Under Contract / Approved					52	8	0	60
(3) Vacant				0				
(4) Inactive				0				
b. PRIVATE HOUSING	0	0	0	0				0
(1) Acceptably Housed				0				
(2) Acceptable Vacant Rental				0				
13. EFFECTIVE HOUSING DEFICIT	88	93	0	181	78	85	0	163
14. PROPOSED PROJECT					35	25		60

15. REMARKS (Specify item number)

Line 8. Includes command sponsored military and 2 command sponsored civilian positions authorized family housing.
Line 9. These are families in country that reside in inadequate rental housing in the Camp Humphery's area.
This is the second 60 unit phase of a three phase project to construct 180 mid rise high density on-post housing units.

Company Grade Officer:	5	4 Bedroom Units
	14	3 Bedroom Units
	16	2 Bedroom Units
Senior NCO:	3	4 Bedroom Units
	22	3 Bedroom Units

DD Form 1523, NOV 90 *Previous editions are obsolete*

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ARMY FAMILY HOUSING
FY 2001 BUDGET ESTIMATE
POST-ACQUISITION CONSTRUCTION

	($ in Thousands)
FY 2001 Budget Request	$63,590
FY 2000 Current Estimate	$35,400

PURPOSE AND SCOPE

The Post-acquisition Construction program provides funding for revitalization of military family housing units that are more economical to renovate rather than replace. The proposed investment in post-acquisition construction will increase the useful life of the revitalized units by 35 years and concurrently reduce maintenance and repair requirements. In FY 2001 the Army will operate and maintain an inventory of approximately 100,974 family housing units with an average life exceeding 30 years. Many of these units require major improvements, or revitalization, to meet contemporary living standards and to provide some of the modern amenities found in comparable community housing.

The Army continues to emphasize the "whole neighborhood" revitalization concept. Our program considers the requirement of the total neighborhood -- including the dwelling units, supporting utility systems, energy conservation, roads, playgrounds and community facilities. The result eliminates much of the existing stereotypical construction, improves quarters to contemporary standards, and provides functional units in more attractive housing areas.

Five overseas, post-acquisition construction projects are included in this request. Although the Army relies on host nation support or residual value contributions to improve housing located overseas, the requested projects are the most critical projects not identified for funding through these programs.

PROGRAM SUMMARY

Authorization is requested for appropriation for whole neighborhood revitalization and improvements to 770 units. Projects exceeding the statutory funding limitation (10 USC 2825) of $50,000 per dwelling unit (adjusted by the area construction cost factor) are documented by the DD Forms 1391 which follow this summary. These projects are listed in the following table:

ARMY FAMILY HOUSING
FY 2001 BUDGET ESTIMATE
POST-ACQUISITION CONSTRUCTION (continued)

Location	Historic	Type	No. of Units	Amount ($000)
Fort Wainwright, AK	No	SNCO	28	7,200
Fort McNair, DC	Yes	SNCO	8	1,300
West Point, NY	Yes	F/CGO,JNCO	59	9,100
Fort Belvoir, VA	No	JNCO	148	14,000
Ansbach, GE	No	JNCO	42	4,200
Wiesbaden, GE	No	JNCO	144	13,200
Wuerzburg, GE	No	SNCO	64	6,300
Yongsan, KR	No	GFOQ	1	90
Subtotal			494	55,390
Projects which do not exceed the statutory funding limitation (10 USC 2825) of $50,000 per dwelling unit (adjusted by the area construction cost factor) are listed below:				
Heidelberg, GE	No	JNCO	276	8,200
Total Post-Acquisition			770	63,590

Type: GFOQ – General Flag Officer Quarters
F/CGO - Field and Company Grade Officer
SNCO - Senior NCO
JNCO - Junior NCO

FUNDING SUMMARY

Construction Improvements Program ($000)	Requested Authorization Amount ($000)
$63,590	$63,590

1.COMPONENT	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		FEBRUARY 2000

3.INSTALLATION AND LOCATION	4.PROJECT TITLE
Various Locations - Continental and Overseas	Army Family Housing Post Acquisition Construction

5.PROGRAM ELEMENT	6.CATEGORY CODE	7.PROJECT NUMBER	8.PROJECT COST ($000)
88742A	711	AFH	Auth 63,590 Approp 63,590

9.COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
Post Acquisition Construction Improvements		LS		63,590
Projects qualifying for the Defense Energy Conservation Investment Program (ECIP)		LS		0
TOTAL				63,590

10.Description of Proposed Construction

These projects provide needed revitalization of family housing units that do not meet current standards for livability, maintainability and energy efficiency. Revitalization projects provide for renewal of the whole neighborhood which considers the dwelling unit and supporting infrastructure. Work within the house considers upgrading kitchens (to include dishwashers, garbage disposals and range hoods) and bathrooms, installation of new half-baths (where required), increasing net living area to space currently authorized, installation of central air conditioning and heating systems including, as required, relocation of ductwork, exterior storage, patios and covered parking. Replacement or installation of supporting infrastructure considers utility distribution systems, storm sewers, roads, road realignment, off street parking, landscaping and recreation facilities.

1.COMPONENT	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		FEBRUARY 2000

3.INSTALLATION AND LOCATION

Various Locations - Continental and Overseas

4.PROJECT TITLE	5.PROJECT NUMBER
Army Family Housing Post Acquisition Construction	

11. REQUIREMENTS: The numerous acquisitions of the post war period have left a legacy of houses that are over thirty five years old which require major revitalization. The improvement requirements of the inventory have increased faster than prior years programs have met. Consequently, there is an on going requirement to renew and upgrade quarters including upgrading/replacement of the supporting infrastructure and recreational facilities. Units must be revitalized/improved due to age and obsolescence as contemporary standards have evolved. Since units are fully occupied and in high demand, accomplishing the program requires that a systematic revitalization effort be maintained. Units have deteriorated support systems and size/functionality deficiencies that are not adequate for today's family.

IMPACT IF NOT PROVIDED: The desired/required improvements to our service members' quality of life will not be realized. Family housing units and supporting systems will continue to be used as is with increasing obsolescence, recurring maintenance costs and unnecessarily high energy use. The President's goal of 30% energy reduction between 1985 and 2005 will not be met. Soldiers and their families will continue to live in quarters that are below acceptable standards, affecting their duty performance and adversely impacting on the Army's mission.

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

DD FORM 1 DEC 76 1391C

1.COMPONENT	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		FEBRUARY 2000

3.INSTALLATION AND LOCATION

Various Locations - Continental and Overseas

4.PROJECT TITLE	5.PROJECT NUMBER
Army Family Housing Post Acquisition Construction	

DESCRIPTION OF WORK TO BE ACCOMPLISHED

Country/State Installation and Project

	Post Acquisition Construction	ECIP	CWE ($000) Total
Alaska			
Fort Wainwright			
(Project Number 41585)	7,200		
Whole neighborhood revitalization of senior noncommissioned officer family housing to current standards including energy conservation, supporting infrastructure and neighborhood amenities - 28 units. (Separate DD Form 1391 is attached).			
Installation Total			7,200
District of Columbia			
Fort McNair			
(Project Number 37183)	1,300		
Whole neighborhood revitalization of historic senior noncommissioned officer family housing - 8 units. (Separate DD Form 1391 is attached).			
Installation Total			1,300
New York			
United States Military Academy			
(Project Number 17963)	9,100		
Whole neighborhood revitalization of company and field grade officer and junior noncommissioned officer family housing to current standards including energy conservation and supporting infrastructure - 59 units. (Separate DD Form 1391 is attached).			
Installation Total			9,100
Virginia			
Fort Belvoir			
(Project Number 50309)	14,000		
Whole neighborhood revitalization of junior enlisted family housing to current standards including energy conservation, supporting infrastructure and neighborhood amenities - 148 units. (Separate DD Form 1391 is attached).			
Installation Total			14,000

1.COMPONENT	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		FEBRUARY 2000

3.INSTALLATION AND LOCATION

Various Locations - Continental and Overseas

4.PROJECT TITLE	5.PROJECT NUMBER
Army Family Housing Post Acquisition Construction	

DESCRIPTION OF WORK TO BE ACCOMPLISHED

Country/State Installation and Project

	Post Acquisition Construction	ECIP	CWE ($000) Total
USA TOTALS	31,600		31,600

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

DD FORM 1 DEC 76 1391C

1.COMPONENT	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		FEBRUARY 2000

3.INSTALLATION AND LOCATION

Various Locations - Continental and Overseas

4.PROJECT TITLE	5.PROJECT NUMBER
Army Family Housing Post Acquisition Construction	

DESCRIPTION OF WORK TO BE ACCOMPLISHED

Country/State Installation and Project

	Post Acquisition Construction	ECIP	CWE ($000) Total
Germany (Note: All projects are priced at $1 = 1.95 MARKS)			
Ansbach			
(Project Number 45986)	4,200		

Whole neighborhood revitalization of junior enlisted stairwell apartment type family housing at Ansbach to current standards including energy conservation, supporting infrastructure and neighborhood amenities - 42 units. No improvements or major repairs were accomplished in the past three years, nor are any planned for the following three years. (Separate DD Form 1391 is attached).

Installation Total 4,200

Germany (Note: All projects are priced at $1 = 1.95 MARKS)
Wiesbaden
(Project Number 45079) 13,200

Whole neighborhood revitalization of junior enlisted stairwell apartment type family housing at Wiesbaden to current standards including energy conservation, supporting infrastructure and neighborhood amenities - 144 units. During FY 1998, a failed plumbing riser required renovation of kitchens and baths in six of these units, and one unit required fire damage repair. Other than this, no improvements or major repairs were accomplished in the past three years, nor are any planned for the following three years. (Separate DD Form 1391 is attached).

Installation Total 13,200

Germany (Note: All projects are priced at $1 = 1.95 MARKS)
Wuerzburg
(Project Number 45089) 6,300

Whole neighborhood revitalization of senior enlisted stairwell apartment type family housing at Wuerzburg to current standards including energy conservation, supporting infrastructure and neighborhood amenities - 64 units. No improvements or major repairs were accomplished in the past three years, nor are any planned for the following three years. (Separate DD Form 1391 is attached).

Installation Total 6,300

1.COMPONENT	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		FEBRUARY 2000

3.INSTALLATION AND LOCATION

Various Locations - Continental and Overseas

4.PROJECT TITLE	5.PROJECT NUMBER
Army Family Housing Post Acquisition Construction	

DESCRIPTION OF WORK TO BE ACCOMPLISHED

Country/State Installation and Project

	Post Acquisition Construction	ECIP	CWE ($000) Total
Germany (Note: All projects are priced at $1 = 1.95 MARKS)			
Heidelberg			
(Project Number 49673)	8,200		

Improve enlisted stairwell apartment type family housing at Heidelberg by constructing tower additions to add second bathrooms to three and four bedroom units and laundry facilities to all units - 276 units. No improvements or major repairs were accomplished on these units in the past three years, nor are any planned for the following three years.

Installation Total			8,200
Germany Total			31,900
Korea (Note: All projects are priced at $1 = 1,149.80 WON)			
Korea Various			
(Project Number 50943)	90		

Improve GFOQ by constructing an expanded dining room and a study/bedroom addition to support mission requirements and enhance quarters functionality - 1 unit. During FY 1998, water damage required renovation of a bathroom. In FY 2000, the HVAC system will be replaced, and in FY 2003 the plumbing system will be replaced to include asbestos abatement. Other than this, no improvements or major repairs were accomplished in the past three years, nor are any planned for the following three years. (Separate DD Form 1391 is attached).

Installation Total			90
Korea Total			90
OVERSEAS TOTALS	31,990		31,990
Total USA and Overseas	63,590		63,590

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

DD FORM 1 DEC 76 1391C

1.COMPONENT	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		FEBRUARY 2000

3.INSTALLATION AND LOCATION	4.PROJECT TITLE
Fort Wainwright, Alaska	Family Housing Improvements

5.PROGRAM ELEMENT	6.CATEGORY CODE	7.PROJECT NUMBER	8.PROJECT COST ($000)
88742A	711	41585	Auth 7,200 Approp 7,200

9.COST ESTIMATES

ITEM	UM (M/E)	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITY				5,618
Revitalize 3 BR Quarters	FA	28 --	196,900	(5,513)
Reconfigure Mech Room	EA	7 --	10,350	(72)
Building Information Systems	LS	--	--	(33)
SUPPORTING FACILITIES				1,128
Electric Service	LS	--	--	(182)
Water, Sewer, Gas	LS	--	--	(231)
Steam And/Or Chilled Water Dist	LS	--	--	(488)
Paving, Walks, Curbs & Gutters	LS	--	--	(125)
Site Imp(102) Demo( )	LS	--	--	(102)
ESTIMATED CONTRACT COST				6,746
CONTINGENCY PERCENT (.00 %)				
SUBTOTAL				6,746
SUPV, INSP & OVERHEAD (6.50%)				438
TOTAL REQUEST				7,184
TOTAL REQUEST (ROUNDED)				7,200
INSTALLED EQT-OTHER APPROP				(0)

10.Description of Proposed Construction Whole neighborhood revitalization of 28 senior noncommissioned officer family quarters by converting 56 three bedroom eight-plex family housing units into three bedroom, four-plex units with garages. Scope of work includes asbestos and lead based paint removal, reconfiguration of walls, renovation of kitchens and bathrooms, upgrade of heating and electrical systems to include reconfiguration of building mechanical rooms, additional insulation and vapor barrier, and adequate sound insulation between units. Supporting facilities include upgrade of existing electrical, water, sewer, and steam supply systems, driveways and parking, construct playgrounds, and landscaping. Five percent of the units will be accessible and easily modifiable to accommodate the requirements of the handicapped.

PROJECT: Whole neighborhood revitalization of 28 senior noncommissioned officer family quarters including energy efficiency, supporting infrastructure and neighborhood amenities. (Current Mission)

REQUIREMENT: This project is required to improve existing conditions of these family quarters by providing adequate standards of comfort, size, habitability, energy efficiency and safety, and to extend the life expectancy of the units.

1.COMPONENT	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		FEBRUARY 2000

3.INSTALLATION AND LOCATION

Fort Wainwright, Alaska

4.PROJECT TITLE	5.PROJECT NUMBER
Family Housing Improvements	41585

CURRENT SITUATION: Built in 1948, these houses are structurally sound, but interiors require complete renovation. Kitchens and baths need complete remodeling. Portions of the existing heat system are insulated with asbestos, heat is uneven, with temperature regulation virtually impossible. Electric wiring is not up to code, is deteriorated, and a potential fire hazard. Insulation must be increased, and new, more efficient vapor barrier installed for units to become energy efficient. Partition walls between units have no sound proofing, creating a boarding house rather than private home atmosphere. Noise from adjoining units disrupts family privacy and sleep. Fire proofing between units is inadequate and could lead to the loss of an entire building. The neighborhood is crowded, with inadequate parking, and no adjacent off-street parking is available. Utility distribution systems are deteriorated, and playgrounds and landscaping are inadequate.

IMPACT IF NOT PROVIDED: If this project is not provided, service members and their families will continue to be housed in inadequate housing. The quarters and supporting infrastructure will continue to deteriorate with energy and maintenance costs continuing to increase. The health, safety and quality of life of the occupants will be diminished, potentially impacting morale, mission and retention of qualified personnel.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and no anti-terrorism/force protection or physical security measures are required. The life cycle cost analysis shows renovation to be more cost effective than all other feasible alternatives.

Installation Engineer: COL MARK C. NELSON
Phone Number: (907) 384-3000

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

DD FORM 1 DEC 76 1391C

1.COMPONENT	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		FEBRUARY 2000

3.INSTALLATION AND LOCATION	4.PROJECT TITLE
Fort McNair, District of Columbia	Family Housing Improvements

5.PROGRAM ELEMENT	6.CATEGORY CODE	7.PROJECT NUMBER	8.PROJECT COST ($000)
88742A	711	37183	Auth 1,300 Approp 1,300

9.COST ESTIMATES

ITEM	UM (M/E)	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITY				1,184
Revitalize Historic NCO Units	FA	8 --	148,000	(1,184)
SUPPORTING FACILITIES				28
Site Imp(28) Demo( )	LS	--	--	(28)
ESTIMATED CONTRACT COST				1,212
CONTINGENCY PERCENT (.00 %)				
SUBTOTAL				1,212
SUPV, INSP & OVERHEAD (5.70%)				69
TOTAL REQUEST				1,281
TOTAL REQUEST (ROUNDED)				1,300
INSTALLED EQT-OTHER APPROP				(0)

10.Description of Proposed Construction Whole neighborhood revitalization of 8 historic senior noncommissioned officer three bedroom family quarters constructed in 1906 to current standards. Work includes foundation repair and waterproofing of basements. Upgrade electrical system to include relocation of exposed conduit in baseboards. Restore wood double-hung sash windows to include lead based paint removal. Renovate kitchen, and replace fixtures in second floor bathroom. Install new half bath in master bedroom, and powder room on first floor. Replace the heating/air conditioning units, install a patio and provide minor landscaping. Work will be in accordance with historic preservation standards.

PROJECT: Whole neighborhood revitalization of 8 historic senior noncommissioned officer family housing units. (Current Mission)
REQUIREMENT: This project is required to improve existing conditions of these historic family quarters to conform to adequate standards of comfort, habitability, safety, and to extend their life expectancy in conformance with the National Historic Preservation Act of 1966.
CURRENT SITUATION: These are duplex units containing 8 three-bedroom, one and three quarters bath units of 128.7 net square meters (1,385 net square feet) each. They were built in 1906 as part of a comprehensive plan for the

1.COMPONENT	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		FEBRUARY 2000

3.INSTALLATION AND LOCATION

Fort McNair, District of Columbia

4.PROJECT TITLE	5.PROJECT NUMBER
Family Housing Improvements	37183

CURRENT SITUATION: (CONTINUED)
Army War College designed by the prominent architecture firm of McKim Mead and White. These 93 year old buildings are structurally sound but have water penetration problems and numerous components in need of repair or replacement. All of the units contain lead based paint and some have asbestos, posing a hazard to residents and workers. There is no first floor bathroom, and the electrical system does not meet current code requirements. This project includes all work to bring these quarters up to current standards and is part of a comprensive program to revitalize MDWs historic family quarters.
IMPACT IF NOT PROVIDED: If this project is not provided, service members will continue to reside in quarters with substandard facilities, obsolete systems and components, and environmental hazards. These conditions adversely affect the health, safety, and quality of life of the residents. Maintenance and energy costs will continue to rise, and these historic quarters will continue to deteriorate.
ADDITIONAL: This project has been coordinated with the installation physical security plan, and no anti-terrorism/force protection or physical security measures are required. The life cycle cost analysis shows revitalization to be more cost effective than all other feasible alternatives.

Installation Engineer: Ltc. Michael Ostrom
Phone Number: 202/475-1139

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DD FORM 1 DEC 76 1391C

1.COMPONENT	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		FEBRUARY 2000

3.INSTALLATION AND LOCATION	4.PROJECT TITLE
United States Military Academy, New York	Family Housing Improvements

5.PROGRAM ELEMENT	6.CATEGORY CODE	7.PROJECT NUMBER	8.PROJECT COST ($000)
88742A	711	17963	Auth 9,100 Approp 9,100

9.COST ESTIMATES

ITEM	UM (M/E)	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITY				7,434
3 BR Company/Field Grade	FA	51 --	100,750	(5,138)
Car Port (3 bay)	EA	17 --	29,400	(500)
323 SF Addition	FA	51 --	25,925	(1,322)
Renovate JRNCO Units	FA	8 --	59,300	(474)
SUPPORTING FACILITIES				1,205
Electric Service	LS	--	--	(185)
Water, Sewer, Gas	LS	--	--	(390)
Paving, Walks, Curbs & Gutters	LS	--	--	(365)
Site Imp(265) Demo( )	LS	--	--	(265)
ESTIMATED CONTRACT COST				8,639
CONTINGENCY PERCENT (.00 %)				
SUBTOTAL				8,639
SUPV, INSP & OVERHEAD (5.70%)				492
TOTAL REQUEST				9,131
TOTAL REQUEST (ROUNDED)				9,100
INSTALLED EQT-OTHER APPROP				(0)

10.Description of Proposed Construction Whole neighborhood revitalization of 59 family quarters consisting of 51 company and field grade officer 3 bedroom units constructed in 1962, and 8 historic junior noncommissioned officer family quarters constructed in the late 1800s. Scope of work includes replacement of existing gas fired heating system with a gas fired forced hot water system; lead paint and asbestos abatement; installation of a passive radon system; upgrade plumbing and electrical systems and fixtures; installation of individual utility meters; install central air-conditioning; renovate bathrooms to include low flow shower heads, water saving toilets, and exhaust systems; renovate kitchens to include replacement of cabinets, counter tops and flooring, install dishwasher and garbage disposal; construct a 323 NSF rear addition and re-configure the floorplan to allow for a full second bathroom, and add to the liveable areas by improving the utilization of available space; convert the 4 bedroom units to 3 bedroom; replace hot water tanks as required; abate lead based paint and asbestos, and repair plaster/paint interiors and refinish wooden floors; reconfigure parking areas to include installation of carports connected to the units (as applicable) and add parking space adjacent to the unit; replace roofs, gutters and drains; add bulk storage and replace garbage storage areas to include space for recycling; revitalize exterior to include scraping and painting wrought iron porch

1.COMPONENT	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		FEBRUARY 2000

3.INSTALLATION AND LOCATION

United States Military Academy, New York

4.PROJECT TITLE	5.PROJECT NUMBER
Family Housing Improvements	17963

DESCRIPTION OF PROPOSED CONSTRUCTION: (CONTINUED)
railings and the exterior of the homes, inspect/repair termite damage, inspect/replace exterior wood, repoint brick as required, replace rear overhang to include construction of a new wooden deck, replace windows and exterior doors as required, repair foundations as required; relandscape and install privacy fencing. Supporting facilities include replacing sewer laterals, repaving roads and walkways and replacement of the electric distribution system in this area. Revitalization of the eight JRNCO units includes all work required for a complete interior renovation of these units. Five percent of these units will be accessible and easily modifiable to accommodate requirements of the handicapped.

PROJECT: Whole Neighborhood revitalization of 59 family quarters (51 company and field grade units, and 8 historic junior noncommissioned officer units) including supporting infrastructure. (Current Mission)
REQUIREMENT: This project is required to improve existing conditions of these family quarters to provide adequate standards of comfort, size, habitability and safety and to extend the life expectancy of these housing units.
CURRENT SITUATION: New Brick Housing Area units are slab-on-grade, three and four bedroom, one and a half bath, duplex and triplex buildings, two story, containing 1,058 net square feet (98.3 net square meters). These are company and field grade quarters located generally in the Connor/Winnans Road area. The units have had no significant major repairs since their construction in 1962. Interior and exterior electrical systems are overloaded and do not meet current standards. Kitchen and bathrooms are original and require modernization and revitalization. The units do not have central air-conditioning which forces the occupants to install inefficient window air-conditioning units. These units have neither basements nor covered parking. Adequate off street parking is not located adjacent to the majority of these housing units. A lead paint survey has been performed and lead contaminated paint will be abated as will any asbestos that is discovered. Exterior lighting is ineffective or nonexistent. The back yards of many of the units have a drainage ditch running through it which limits useable space. The overhangs are in extremely bad shape and need to be demolished. Termite damage has been identified in many of the units and the exterior finishes are in poor condition. Roads in the housing area are in poor condition and need to be realigned for better traffic and pedestrian safety. The duplex junior NCO units are functional but have had no improvement work in over 20 years. They require repair and upgrade of kitchens and baths, interior fixtures and surfaces and relocation of laundry facilities to the basement.
IMPACT IF NOT PROVIDED: If this project is not provided, the quarters will continue to deteriorate with maintenance costs continuing to accelerate and the health, safety and quality of life of the occupants will be diminished.
ADDITIONAL: This project has been coordinated with the installation physical

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED
DD FORM 1 DEC 76 1391C

1.COMPONENT	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		FEBRUARY 2000

3.INSTALLATION AND LOCATION

United States Military Academy, New York

4.PROJECT TITLE	5.PROJECT NUMBER
Family Housing Improvements	17963

ADDITIONAL: (CONTINUED)
security plan, and no anti-terrorism/force protection or physical security measures are required. The life cycle cost analysis shows renovation to be more cost effective than all other feasible alternatives.

Installation Engineer: COL Tom Luebker
Phone Number: 914-938-3415

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1.COMPONENT	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		FEBRUARY 2000

3.INSTALLATION AND LOCATION	4.PROJECT TITLE
Fort Belvoir, Virginia	Family Housing Improvements

5.PROGRAM ELEMENT	6.CATEGORY CODE	7.PROJECT NUMBER	8.PROJECT COST ($000)
88742A	711	50309	Auth 14,000 Approp 14,000

9.COST ESTIMATES

ITEM	UM (M/E)	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITY				11,841
Revitalize JRNCO Quarters	FA	148 --	61,220	(9,061)
Construct Additions	m2 (SF)	3,094 (33,300)	879.73	(2,722)
Site Foundation Work	LS	--	--	(58)
SUPPORTING FACILITIES				1,342
Electric Service	LS	--	--	(539)
Paving, Walks, Curbs & Gutters	LS	--	--	(499)
Storm Drainage	LS	--	--	(4)
Site Imp(300) Demo( )	LS	--	--	(300)
ESTIMATED CONTRACT COST				13,183
CONTINGENCY PERCENT (.00 %)				
SUBTOTAL				13,183
SUPV, INSP & OVERHEAD (5.70%)				751
TOTAL REQUEST				13,934
TOTAL REQUEST (ROUNDED)				14,000
INSTALLED EQT-OTHER APPROP				(0)

10.Description of Proposed Construction

Whole neighborhood revitalization of 148 junior enlisted family quarters constructed in 1956 including neighborhood amenities and supporting infrastructure. This is Phase 3 of a 3 phase project to revitalize a total of 270 dwelling units in the Dogue Creek Village Housing area. Work includes increasing the size of the units to improve the floorplan and to convert them to three and four bedroom units. Work includes installing a half-bath on the first floor, relocating laundry area to a new utility room, renovating the bathroom on the second floor, adding a master bathroom, installing HVAC duct system and sealing existing concrete slab encased duct system, replacing heating system, conversion of utility systems from fuel oil to natural gas, removal of underground fuel oil tanks, increase insulation in attic space, replacing interior and exterior electrical fixtures, lead based paint abatement, installing double pane thermo windows, reconfiguring kitchen, bedrooms, living and utility rooms. Supporting facility work includes road repairs, additional off-street parking, sidewalks, storm sewer, exterior electric work and underground lines, installation of gas lines, landscaping and recreation facilities. Due to the availability of local medical facilities, at least ten percent of these units will be modified such that they are accessible and easily modifiable to a accommodate the requirements of the handicapped.

1.COMPONENT	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		FEBRUARY 2000

3.INSTALLATION AND LOCATION

Fort Belvoir, Virginia

4.PROJECT TITLE	5.PROJECT NUMBER
Family Housing Improvements	50309

PROJECT: Whole neighborhood revitalization of 148 junior enlisted family housing quarters in the Dogue Creek Housing Area, including neighborhood amenities and supporting infrastructure. This is phase 3 of a 3-phase project to revitalize the 270 units in this housing area (Current Mission).

REQUIREMENT: This project is required to improve the existing conditions of these family quarters to provide adequate standards of size, energy efficiency, comfort, habitability, safety, and to extend the useful life of these quarters.

CURRENT SITUATION: These quarters are two story, one bathroom units except for the one story bungalow units which are designed for use by the handicapped. The three bedroom units are 975 net square feet (90.6 net square meters), while the two bedroom units are 934 net square feet (86.8 net square meters). These inadequately sized units are in fair to poor overall condition due to age and deterioration, but are structurally sound. Their current poor state of repair results in high maintenance and repair costs. The existing overhead electrical system is overloaded and needs to be replaced. The kitchen area is congested, lacks adequate storage space, electrical outlets and an eat-in-area, and provides the only space for the washer and dryer. Bathrooms lack vanities and adequate storage, and have tiles that are cracked and mismatched, reflecting many years of fair wear and tear. The existing plumbing fixtures are chipped, discolored and marred. Windows are failing and need replacement. There is no half-bath on the first floor and only one second floor bath. Existing fuel oil heating system is inefficient, difficult to control and the old buried oil storage tanks are a potential environmental hazard. The interior floor layout lacks proper flow for occupants and guests, and hinders placement of furniture. This phase will accommodate the significant requirement for handicapped accessible quarters due to the proximity of Fort Belvoir to major medical facilties.

IMPACT IF NOT PROVIDED: If this project is not provided, junior enlisted personnel and their families will continue to reside in inadequate conditions, and the quarters will continue to deteriorate with maintenance and repair costs continuing to accelerate and the health, safety and quality of life of the occupants will be diminished.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and no anti-terrorism/force protection or physical security measures are required. The life cycle cost analysis shows revitalization to be more cost effective than all other feasible alternatives.

Installation Engineer: Ltc. David Farace
Phone Number: 703/806-3017

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

DD FORM 1 DEC 76 1391C

1.COMPONENT	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		FEBRUARY 2000

3.INSTALLATION AND LOCATION	4.PROJECT TITLE
Ansbach, Bleidorn Fam Hsg, Germany	Family Housing Improvements

5.PROGRAM ELEMENT	6.CATEGORY CODE	7.PROJECT NUMBER	8.PROJECT COST ($000)
88742A	711	45986	Auth 4,200 Approp 4,200

9.COST ESTIMATES

ITEM	UM (M/E)	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITY				3,656
Revitalize 2-Bedroom Units	FA	12 --	82,414	(989)
Revitalize 3 BR Quarters	FA	18 --	87,076	(1,567)
Revitalize 4 BR Quarters	FA	12 --	91,672	(1,100)
SUPPORTING FACILITIES				310
Electric Service	LS	--	--	(51)
Water, Sewer, Gas	LS	--	--	(92)
Paving, Walks, Curbs & Gutters	LS	--	--	(20)
Storm Drainage	LS	--	--	(23)
Site Imp(124) Demo( )	LS	--	--	(124)
ESTIMATED CONTRACT COST				3,966
CONTINGENCY PERCENT (.00 %)				
SUBTOTAL				3,966
SUPV, INSP & OVERHEAD (6.50%)				258
TOTAL REQUEST				4,224
TOTAL REQUEST (ROUNDED)				4,200
INSTALLED EQT-OTHER APPROP				(0)

10.Description of Proposed Construction Whole neighborhood revitalization of 42 (12 two-, 18 three- and 12 four-bedroom) junior enlisted stairwell apartment type family housing units constructed in 1956 at Ansbach (Bleidorn family housing area), to current standards including neighborhood amenities, supporting infrastructure and energy efficiency. Work includes increasing living space, new closets, doors, adding private laundry to all units and adding second bathrooms to three and four bedroom units, new energy efficient windows, repair and upgrade of electric system including 110v, heating lines and radiators, replace roofing and add insulation. Project modernizes stairwells and entry. Supporting facility work includes central trash collection points, repair of walkways, parking, lighting, water, sewer and storm drain lines and upgrade of recreation facilities and landscaping.

PROJECT: Whole neighborhood revitalization of 42 junior enlisted stairwell apartment type family quarters at Ansbach to include neighborhood amenities, supporting facilities and energy conservation improvements to current standards. (Current Mission)

REQUIREMENT: This project is required to improve existing conditions of these junior enlisted family housing quarters to conform to adequate standards of comfort, habitability, safety, energy conservation and to extend the life

1.COMPONENT	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		FEBRUARY 2000

3.INSTALLATION AND LOCATION

Ansbach,
Bleidorn Fam Hsg, Germany

4.PROJECT TITLE	5.PROJECT NUMBER
Family Housing Improvements	45986

REQUIREMENT: (CONTINUED)
expectancy of these units.
CURRENT SITUATION: These multi-story apartments consist of 12 two-bedroom units at 76.3 NSM (820 NSF), 18 three-bedroom units at 88.3 NSM (951 NSF) and 12 four-bedroom units at 103.6 NSM (1115 NSF). These 42 year old units have had only piecemeal repairs since construction. Major components have exceeded their useful life but the buildings are structurally sound. Entries and stairwells are deteriorated and uninviting; original bathroom tiles are no longer produced, and when damaged, often patched with non-matching tiles. Units show their age in the deteriorated cabinets, sinks and surfaces; second bathrooms are non-existent for larger families; laundry machines are shared in the basement; the electrical system is overaged, undersized and lacking 110V except in the kitchen. Walkways are inadequate as is parking and exterior lighting. Existing playgrounds are inadequate. This project includes all work required to bring these units up to current standards.
IMPACT IF NOT PROVIDED: If this project is not provided, service members will continue to reside in inadequate housing which will continue to deteriorate, causing increased maintenance and energy costs. This adversely affects the health, safety and quality of life of these junior enlisted personnel and their families.
ADDITIONAL: This project has been coordinated with the installation physical security plan and no physical security and/or CBT/T measures other than those required by regulation, or included in Corps of Engineers standardized designs for this type facility are required. CINCUSAREUR's Conventional Forces Europe (CFE) planners have certified the end-state requirement for this installation. The life cycle cost analysis shows revitalization to be more cost effective than all other feasible alternatives. No improvements or major repairs were accomplished in the past three years, nor are any planned for the following three years.
NATO INFRASTRUCTURE: This project is not within the established NATO Infrastructure Category for Common Funding, nor is it expected to become eligible.

Installation Engineer: Ms. Janette Hruban
Phone Number: DSN 467-2277

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED
DD FORM 1 DEC 76 1391C

1.COMPONENT	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		FEBRUARY 2000

3.INSTALLATION AND LOCATION	4.PROJECT TITLE
Wiesbaden, Hainerberg Housing, Germany	Family Housing Improvements

5.PROGRAM ELEMENT	6.CATEGORY CODE	7.PROJECT NUMBER	8.PROJECT COST ($000)
88742A	711	45079	Auth 13,200 Approp 13,200

9.COST ESTIMATES

ITEM	UM (M/E)	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITY				12,114
Revitalize 2-Bedroom Units	FA	72 --	77,250	(5,562)
Revitalize 3-Bedroom Units	FA	72 --	91,000	(6,552)
SUPPORTING FACILITIES				299
Electric Service	LS	--	--	(21)
Paving, Walks, Curbs & Gutters	LS	--	--	(212)
Site Imp(66) Demo( )	LS	--	--	(66)
ESTIMATED CONTRACT COST				12,413
CONTINGENCY PERCENT (.00 %)				
SUBTOTAL				12,413
SUPV, INSP & OVERHEAD (6.50%)				807
TOTAL REQUEST				13,220
TOTAL REQUEST (ROUNDED)				13,200
INSTALLED EQT-OTHER APPROP				(0)

10.Description of Proposed Construction Whole neighborhood revitalization of 144 (72 two-bedroom and 72 three-bedroom) junior enlisted stairwell apartment type family housing units constructed in 1952 at Wiesbaden (Hainerberg), to current standards including neighborhood amenities, supporting infrastructure and energy efficiency. Work includes renovate kitchens and baths, adding second bathrooms to the 3-bedroom units, and private laundry to all units; repair flooring, and replace heating and plumbing lines and radiators, and upgrade electrical system to current standards to include 110v; install new interior and apartment doors, replace interior plaster and closets and abate asbestos and lead-based paint. Repair balconies, windows, and repaint interiors. Upgrade fire alarm system, replace building entrance doors, portico, mailboxes, bulletin boards and finished surfaces. Repair roofs and exterior plaster and paint. Supporting facility work includes repair walkways, upgrade parking to two spaces per unit, install screened garbage collection points, and upgrade exterior lighting and neighborhood landscaping.

PROJECT: Whole neighborhood revitalization of 144 junior enlisted stairwell apartment type family quarters at Wiesbaden to include neighborhood amenities, supporting facilities and energy conservation improvements to current standards. (Current Mission)

1.COMPONENT	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		FEBRUARY 2000

3.INSTALLATION AND LOCATION

Wiesbaden,
Hainerberg Housing, Germany

4.PROJECT TITLE	5.PROJECT NUMBER
Family Housing Improvements	45079

REQUIREMENT: This project is required to improve existing conditions of these junior enlisted family housing quarters to conform to adequate standards of comfort, habitability, safety, energy conservation and to extend the life expectancy of these units.

CURRENT SITUATION: These multi-story apartments consist of 72 two-bedroom units at 91.5 NSM (985 NSF) and 72 three-bedroom units at 115.3 NSM (1241 NSF). These 48 year old units have had no major improvements since original construction, but are structurally sound. Asbestos and lead-based paint have been identified in these quarters. The kitchens are too small, have inefficient layouts and lack dishwashers and vented exhaust hoods. Kitchen cabinets, sinks and surfaces as well as bathroom fixtures are antiquated, chipped and worn out. Three bedroom units lack second bathrooms and all units lack private laundry facilities. Heating system distribution is inefficient, inadequate and does not meet current standards. Electrical systems are failing and need replacement (undersized and not grounded). Building components have exceeded their useful life and are failing (roofs, exterior plaster, entrance doors), and the stairwells lack a fire alarm system. Existing parking and exterior lighting is inadequate. This project includes all work required to bring these units up to current standards.

IMPACT IF NOT PROVIDED: If this project is not provided, service members and their families will continue to live in inadequate housing which will continue to deteriorate, causing increased maintenance and energy costs. This adversely affects the health, safety and quality of life of these junior enlisted personnel and their families.

ADDITIONAL: This project has been coordinated with the installation physical security plan and no physical security and/or CBT/T measures other than those required by regulation, or included in Corps of Engineers standardized designs for this type facility are required. CINC USAREUR’s Conventional Forces Europe (CFE) planners have certified the end-state requirement for this installation. The life cycle cost analysis shows revitalization to be more cost effective than all other feasible alternatives. During FY 1998, a failed plumbing riser required renovation of kitchens and baths in six of these units, and one additional unit required fire damage repairs. Other than this, no improvements or major repairs were accomplished in the past three years, nor are any planned for the following three years.

NATO INFRASTRUCTURE: This project is not within an established NATO Infrastructure Category for Common Funding, nor is it expected to become eligible.

Installation Engineer: Mr. Karlheinz Rudhart
Phone Number: 490-5760

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

DD FORM 1 DEC 76 1391C

1.COMPONENT	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		FEBRUARY 2000

3.INSTALLATION AND LOCATION	4.PROJECT TITLE
Wuerzburg, Leighton Barracks, Germany	Family Housing Improvements

5.PROGRAM ELEMENT	6.CATEGORY CODE	7.PROJECT NUMBER	8.PROJECT COST ($000)
88742A	711	45089	Auth 6,300 Approp 6,300

9.COST ESTIMATES

ITEM	UM (M/E)	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITY				5,531
Revitalize 2 BR Quarters	FA	64 --	86,420	(5,531)
SUPPORTING FACILITIES				423
Electric Service	LS	--	--	(74)
Water, Sewer, Gas	LS	--	--	(133)
Paving, Walks, Curbs & Gutters	LS	--	--	(29)
Storm Drainage	LS	--	--	(33)
Site Imp(154) Demo( )	LS	--	--	(154)
ESTIMATED CONTRACT COST				5,954
CONTINGENCY PERCENT (.00 %)				
SUBTOTAL				5,954
SUPV, INSP & OVERHEAD (6.50%)				387
TOTAL REQUEST				6,341
TOTAL REQUEST (ROUNDED)				6,300
INSTALLED EQT-OTHER APPROP				(0)

10.Description of Proposed Construction Whole neighborhood revitalization of 64 two-bedroom senior enlisted stairwell apartment type family housing units constructed in 1952 at Wuerzburg (Leighton Barracks) to current standards including neighborhood amenities, supporting infrastructure and energy efficiency. Work includes roofs and down spouts, windows, living rooms, bedrooms, bathrooms, closets, doors and stairwells. Laundry rooms will be added to each apartment. Supporting facility work includes electrial distribution, water supply, sanitary and storm sewer and exterior lighting upgrades. Neighborhood amenities include installation of central trash collection points, and upgrade of recreational field, playgrounds, picnic areas, walkways, parking, lighting and landscaping.

PROJECT: Whole neighborhood revitalization of 64 senior enlisted stairwell apartment type family quarters at Wuerzburg including neighborhood amenities, supporting infrastructure and energy improvements to current standards. (Current Mission)

REQUIREMENT: This project is required to improve existing conditions for these senior enlisted family housing quarters to conform to adequate standards of comfort, habitability, safety, energy conservation and to extend the life expectancy of these units.

1.COMPONENT	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		FEBRUARY 2000

3.INSTALLATION AND LOCATION

Wuerzburg,
Leighton Barracks, Germany

4.PROJECT TITLE	5.PROJECT NUMBER
Family Housing Improvements	45089

CURRENT SITUATION: These multi-story apartment buildings consist of 64 two-bedroom units at 98.0 NSM (1055 NSF). Many components of the apartments have exceeded their useful life after more than 40 years of continuous use. The facilities are structurally sound, but piecemeal maintenance and repair has not kept pace with deterioration of the facilities. Interior finished surfaces and cabinets are deteriorated. Laundry centers are shared by all occupants and are located in the basements. Both interior and exterior utility systems are deteriorated and require upgrade and replacement. Recreation facilities are inadequate.

IMPACT IF NOT PROVIDED: If this project is not provided, service members will continue to live in inadequate housing which will continue to deteriorate, causing increased maintenance and energy costs. This adversely affects the health, safety and quality of life of these senior enlisted personnel and their families.

ADDITIONAL: This project has been coordinated with the installation physical security plan and no physical security and/or CBT/T measures other than those required by regulation, or included in Corps of Engineers standardized designs for this type facility are required. CINCUSAREUR's Conventional Forces Europe (CFE) planners have certified the end-state requirement for this installation. The life cycle cost analysis shows revitalization to be more cost effective than all other feasible alternatives. No improvements or major repairs were accomplished in the past three years, nor are any planned for the following three years.

NATO INFRASTRUCTURE: This project is not within the established NATO Infrastructure category for common funding, nor is it expected to become eligible.

Installation Engineer: Mr. Rod Thompson
Phone Number: DSN 350-6481

PREVIOUS EDITIONS MAY BE USED INTERNALLY
UNTIL EXHAUSTED

DD FORM 1 DEC 76 1391C

1.COMPONENT	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		FEBRUARY 2000

3.INSTALLATION AND LOCATION	4.PROJECT TITLE
Korea Various, Korea	Family Housing Improvements

5.PROGRAM ELEMENT	6.CATEGORY CODE	7.PROJECT NUMBER	8.PROJECT COST ($000)
88742A	711	50943	Auth 90 Approp 90

9.COST ESTIMATES

ITEM	UM (M/E)	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITY				79
Building Addition, Bldg S-4401	m2 (SF)	50.63 (545)	1,561	(79)
SUPPORTING FACILITIES				2
Site Imp(2) Demo( )	LS	--	--	(2)
ESTIMATED CONTRACT COST				81
CONTINGENCY PERCENT (.00 %)				
SUBTOTAL				81
SUPV, INSP & OVERHEAD (6.50%)				5
TOTAL REQUEST				86
TOTAL REQUEST (ROUNDED)				90
INSTALLED EQT-OTHER APPROP				(0)

10.Description of Proposed Construction

Improve one GFOQ at Yongsan by constructing a 545 net square foot addition to building S-4401, for the Commander in Chief (CINC), United Nations Command, Combined Forces Command/Commander, US Forces Korea. This addition will provide an expanded dining room and a study/bedroom. Work includes: install two exterior walls and connect to existing exterior walls, built up roof, ceiling, carpet floor, and paint. Install insulation above ceiling and in exterior walls. Install electrical outlets, lighting, telephone and TV outlets, and extend heating and cooling systems into the new rooms. Relocate fireplace, install three new doors and four new windows, replace two existing windows, and restore landscaping.

PROJECT: Improve one General/Flag Officer Quarters (GFOQ) by constructing a 545 net square foot dining room/study addition. (Current Mission)

REQUIREMENT: This project is required to improve the existing conditions of this GFOQ by providing an expanded dining room and a study/bedroom. This will improve habitability and privacy for family members and enhance the quarters' functionality in support of the extensive mission related entertainment requirements of the occupant.

1.COMPONENT	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		FEBRUARY 2000

3.INSTALLATION AND LOCATION

Korea Various, Korea

4.PROJECT TITLE	5.PROJECT NUMBER
Family Housing Improvements	50943

CURRENT SITUATION: The house consists of an original section built in 1959 by the host nation and a second section added on in 1976, and contains 3,447 net square feet (320 net square meters) of living space. This piecemeal construction plan has resulted in a floorplan which is inadequate for mission related entertainment functions, and lacking in bedrooms and private family living space. As the senior U.S. military representative in South Korea, the CINC has responsibilities that include official entertainment of overnight guests in his quarters. These entertainment responsibilities are important to the CINC's ability to effectively communicate the Commander's current and future requirements to visitors from outside Korea. Thus, the ability to entertain official visitors in his quarters has a direct relationship to the readiness of US forces in the theater. The lack of an additional study/bedroom limits the CINC's ability to entertain overnight guests, and the existing dining room is too narrow to properly seat and serve guests. The configuration of the house lends itself to simple construction of this addition by adding two exterior walls to the existing structure. This is the lowest cost and most efficient method of providing the additional floor space. Existing building components such as windows will be reused to the extent possible. Current utility systems will support this addition .

IMPACT IF NOT PROVIDED: If this project is not provided, this facility will remain inadequate for the requirements of this General Officer position. The CINC, Korea, will not be able to fulfill the many official entertainment functions required by this command position.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and no anti-terrorism/force protection or physical security measures are required.

Installation Engineer: Ltc Koburn Stoll
Phone Number: DSN 724-3781

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

DD FORM 1 DEC 76 1391C

ARMY FAMILY HOUSING
FY 2001 BUDGET ESTIMATE
PLANNING AND DESIGN

($ in Thousands)	
FY 2001 Budget Request	$6,542
FY 2000 Current Estimate	$4,300

PURPOSE AND SCOPE

This program provides funding for preparing working drawings, specifications, cost estimates, project planning reports, final design drawings and reviews of construction proposals. Also included are architectural and engineering services supporting new or post acquisition construction projects, and costs incurred in developing requests for project proposals. These funds also are used to plan and design future family housing construction projects and family housing energy conservation projects.

PROGRAM SUMMARY

Authorization and appropriation are requested for $6,542,000 in FY 2001 to fund family housing construction planning and design activities. The funds will provide for final design work on FY 2001 and FY 2002 projects, and for initial concept designs for FY 2003 projects to ensure that construction contracts can be awarded in the respective fiscal years.

The FY 2001 planning and design program supports the Army’s continuing emphasis on the whole neighborhood revitalization program. Revitalization projects require a greater degree of planning and design than do new construction projects. This additional design effort is necessary to ensure modernization requirements, including supporting utility systems and infrastructure, are efficiently and effectively integrated into existing structures.

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ARMY FAMILY HOUSING
FY 2001 BUDGET ESTIMATE
OPERATION, UTILITIES, AND MAINTENANCE

	($ in Thousands)
FY 2001 Budget Request	$776,263
FY 2000 Current Estimate	$858,400

PURPOSE AND SCOPE

Operation Accounts. The operating accounts portion of the program provides for expenses in the following sub-accounts and includes both direct and indirect support, as applicable:

1. Management - Provides resources for family housing management, installation administrative support, RCI, and for services provided by Community Homefinding, Relocation, and Referral Services. Includes housing requirements surveys, condition assessments of existing housing, and development of family housing construction and repair projects. Includes the installation and operation of the Housing Operation Management Systems (HOMES) to support effective housing management.

2. Services - Provides basic installation service support functions such as refuse collection and disposal, pest control, snow removal and street cleaning. Includes the cost of family housing's proportionate share of fire and police protection. Also includes cost of fire and police protection in RCI housing areas.

3. Furnishings - Provides for procurement, management, control, moving and handling of furnishings; plus maintenance, repair, and replacement of the existing furnishings inventory.

4. Miscellaneous - Provides payments to non-Department of Defense agencies for housing units occupied by Army personnel.

Utilities Account. The utilities account includes the costs of heat, air conditioning, electricity, water, and sewage for family housing units. Also includes the cost of utilities for privatized housing at Fort Carson.

ARMY FAMILY HOUSING
FY 2001 BUDGET ESTIMATE
OPERATION, UTILITIES, AND MAINTENANCE (continued)

Maintenance Account. The maintenance account provides funding for the following activities required to maintain family housing real property assets:

1. Dwellings - Includes service calls, routine maintenance, annual repairs, interior and exterior painting, between occupancy maintenance, repairing/restoring damage caused by fires or storms, and major repair work including projects deferred in prior years.

2. Exterior Utilities - Includes costs for maintenance and repair of sewer and water lines, primary and secondary electric lines, and other exterior utilities exclusively for use by family housing.

3. Other Real Property - Includes work on grounds, surfaced areas, and other real property serving family housing.

4. Incidental Improvements - Includes low-cost incidental (minor) improvements for less than $3,000 per dwelling unit. This work is normally performed concurrently with maintenance and repair projects. Also includes modifications to quarters to meet the needs of exceptional family members.

Reimbursement Authority. This account provides authority to incur additional costs for services and repair of damages to be reimbursed by collection of payments from Federal and non-Federal sources.

ARMY FAMILY HOUSING
FY 2001 BUDGET ESTIMATE
OPERATION, UTILITIES, AND MAINTENANCE (continued)

PROGRAM SUMMARY

Authorization and appropriation are requested for $776,263,000 for FY 2001. This amount, together with estimated reimbursements of $22,000,000 will fund the Operation and Maintenance program of $798,263,000. A summary follows:

($ in thousands)

Operation	Utilities	Maintenance	Total Direct	Reimbursements	Total Program
180,370	198,101	397,792	776,263	22,000	798,263

The FY 2001 operation, utilities, and maintenance programs include the following major initiatives:

1. Continuing the operation, maintenance, and improvement of the Housing Operation Management System (HOMES), an Army-wide computer system designed to support all phases of housing management. On-going initiatives include making HOMES more user friendly, improving management output reports, and establishing methods for system improvements and changes.

2. Continuing efforts to identify adequate housing in communities which is affordable for the soldier. Where shortages exist, housing surveys are reviewed and installation proposals are developed to request new construction, or leasing of additional housing for military families.

3. Achieving the annual Army Energy Conservation goal of 1.5 percent. Utility consumption per unit is being reduced as a result of energy conserving repair and revitalization projects.

4. Continuing the program overseas to repair and revitalize the family housing inventory. The result extends the useful life of the quarters, reduces future maintenance and utility costs, and increases occupancy in the outyears.

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ARMY FAMILY HOUSING
FY 2001 BUDGET ESTIMATE
OPERATION AND MAINTENANCE, SUMMARY (WORLDWIDE)
Excludes Leased Units and Costs
FY 2001

A. INVENTORY DATA	FY 1999 ACTUALS		FY 2000 CURRENT ESTIMATE		FY 2001 BUDGET REQUEST	
INVENTORY BEGINNING OF YEAR	117,062		113,990		109,475	
INVENTORY END OF YEAR	113,990		109,475		96,852	
AVERAGE INVENTORY	115,526		111,125		100,974	
UNITS REQUIRING O&M FUNDING:						
a. Contiguous US	76,695		73,524		64,357	
b. U.S. Overseas	12,181		11,925		11,663	
c. Foreign	26,651		25,676		24,954	
d. Worldwide	115,526		111,125		100,974	
B. FUNDING REQUIREMENT	**UNIT COST ($)**	**TOTAL COST ($000)**	**UNIT COST ($)**	**TOTAL COST ($000)**	**UNIT COST ($)**	**TOTAL COST ($000)**
1. OPERATION						
a. Management	794	91,768	814	90,486	894	90,286
b. Services	417	48,168	445	49,446	444	44,855
c. Furnishings	411	47,439	435	48,311	439	44,374
d. Miscellaneous	5	600	7	823	8	855
SUBTOTAL - OPERATION	1,627	187,975	1,701	189,066	1,786	180,370
2. UTILITIES	1,865	215,413	1,883	209,248	1,962	198,101
3. MAINTENANCE						
a. Annual Recurring M&R	2,169	250,532	2,119	235,472	2,000	201,976
b. Major M&R Projects	1,484	171,457	1,447	160,831	1,407	142,059
c. Exterior Utilities	188	21,662	185	20,584	169	17,020
d. M&R, Other Real Prop.	327	37,817	321	35,699	299	30,238
e. Alts. & Additions	73	8,440	72	8,008	64	6,499
SUBTOTAL MAINTENANCE	4,241	489,908	4,145	460,594	3,940	397,792
4. FOREIGN CURRENCY		[14,033]				
5. APPROPRIATION	7,732	893,296	7,729	858,909	7,688	776,263
6. REIMBURSABLE PROGRAM	147	17,000	171	19,000	218	22,000
7. TOTAL O&M PROGRAM	7,880	910,296	7,900	877,909	7,906	798,263

EXHIBIT FH-2

ARMY FAMILY HOUSING
FY 2001 BUDGET ESTIMATE
OPERATION AND MAINTENANCE, SUMMARY (CONUS)
Excludes Leased Units and Costs
FY 2001

A. INVENTORY DATA	FY 1999 ACTUALS		FY 2000 CURRENT ESTIMATE		FY 2001 BUDGET REQUEST	
INVENTORY BEGINNING OF YEAR	77,916		75,473		72,791	
INVENTORY END OF YEAR	75,473		72,791		60,303	
AVERAGE INVENTORY	76,695		73,524		64,357	
B. FUNDING REQUIREMENT	**UNIT COST ($)**	**TOTAL COST ($000)**	**UNIT COST ($)**	**TOTAL COST ($000)**	**UNIT COST ($)**	**TOTAL COST ($000)**
1. OPERATION						
a. Management	767	60,214	762	57,413	846	55,968
b. Services	379	29,065	392	28,854	344	22,163
c. Furnishings	145	11,100	153	11,254	134	8,645
d. Miscellaneous	5	358	8	570	10	622
SUBTOTAL - OPERATION	1,313	100,737	1,300	98,091	1,319	87,398
2. UTILITIES	1,430	109,639	1,474	108,376	1,512	97,278
3. MAINTENANCE						
a. Annual Recurring M&R	2,002	153,580	1,976	145,301	1,669	107,382
b. Major M&R Projects	1,204	92,320	1,188	87,344	1,003	64,550
c. Exterior Utilities	166	12,695	163	12,010	138	8,876
d. M&R, Other Real Prop.	294	22,529	290	21,315	245	15,752
e. Alts. & Additions	74	5,645	73	5,341	61	3,947
SUBTOTAL MAINTENANCE	3,739	286,769	3,690	271,311	3,116	200,507
4. FOREIGN CURRENCY SAVINGS						
5. APPROPRIATION	6,482	497,145	6,498	477,778	5,985	385,183
6. REIMBURSABLE PROGRAM	156	12,000	190	14,000	249	16,000
7. TOTAL O&M PROGRAM	6,639	509,145	6,689	491,778	6,234	401,183

EXHIBIT FH-2

ARMY FAMILY HOUSING
FY 2001 BUDGET ESTIMATE
OPERATION AND MAINTENANCE, SUMMARY (U.S. OVERSEAS)
Excludes Leased Units and Costs
FY 2001

A. INVENTORY DATA	FY 1999 ACTUALS		FY 2000 CURRENT ESTIMATE		FY 2001 BUDGET REQUEST	
INVENTORY BEGINNING OF YEAR	12,248		12,113		11,736	
INVENTORY END OF YEAR	12,113		11,736		11,590	
AVERAGE INVENTORY	12,181		11,925		11,663	
B. FUNDING REQUIREMENT	**UNIT COST ($)**	**TOTAL COST ($000)**	**UNIT COST ($)**	**TOTAL COST ($000)**	**UNIT COST ($)**	**TOTAL COST ($000)**
1. OPERATION						
a. Management	609	7,415	686	8,184	785	9,154
b. Services	308	3,749	362	4,311	581	6,775
c. Furnishings	510	6,212	478	5,703	662	7,726
d. Miscellaneous	2	24	16	196	20	233
SUBTOTAL - OPERATION	1,429	17,400	1,543	18,394	2,048	23,888
2. UTILITIES	2,522	30,715	2,709	32,302	2,682	31,277
3. MAINTENANCE						
a. Annual Recurring M&R	2,577	31,389	2,586	30,837	2,260	26,358
b. Major M&R Projects	1,982	24,141	1,989	23,717	1,738	20,272
c. Exterior Utilities	486	5,916	487	5,812	426	4,968
d. M&R, Other Real Prop.	582	7,092	584	6,967	511	5,955
e. Alts. & Additions	146	1,776	146	1,745	128	1,491
SUBTOTAL MAINTENANCE	5,773	70,314	5,793	69,077	5,063	59,044
4. FOREIGN CURRENCY SAVINGS						
5. APPROPRIATION	9,723	118,429	10,044	119,773	9,792	114,209
6. REIMBURSABLE PROGRAM	82	1,000	84	1,000	86	1,000
7. TOTAL O&M PROGRAM	9,805	119,429	10,128	120,773	9,878	115,209

EXHIBIT FH-2

ARMY FAMILY HOUSING
FY 2001 BUDGET ESTIMATE
OPERATION AND MAINTENANCE, SUMMARY (FOREIGN)
Excludes Leased Units and Costs
FY 2001

A. INVENTORY DATA	FY 1999 ACTUALS		FY 2000 CURRENT ESTIMATE		FY 2001 BUDGET REQUEST	
INVENTORY BEGINNING OF YEAR	26,898		26,404		24,948	
INVENTORY END OF YEAR	26,404		24,948		24,959	
AVERAGE INVENTORY	26,651		25,676		24,954	
B. FUNDING REQUIREMENT	**UNIT COST ($)**	**TOTAL COST ($000)**	**UNIT COST ($)**	**TOTAL COST ($000)**	**UNIT COST ($)**	**TOTAL COST ($000)**
1. OPERATION						
a. Management	906	24,139	969	24,889	1,008	25,164
b. Services	576	15,354	634	16,281	638	15,917
c. Furnishings	1,130	30,127	1,221	31,354	1,122	28,003
d. Miscellaneous	8	218	2	57	0	0
SUBTOTAL - OPERATION	2,620	69,838	2,827	72,581	2,768	69,084
2. UTILITIES	2,816	75,059	2,671	68,570	2,787	69,546
3. MAINTENANCE						
a. Annual Recurring M&R	2,460	65,563	2,311	59,334	2,734	68,236
b. Major M&R Projects	2,064	54,995	1,938	49,770	2,294	57,237
c. Exterior Utilities	115	3,052	108	2,762	127	3,176
d. M&R, Other Real Prop.	308	8,196	289	7,418	342	8,530
e. Alts. & Additions	38	1,019	36	922	42	1,060
SUBTOTAL MAINTENANCE	4,984	132,825	4,682	120,206	5,540	138,241
4. FOREIGN CURRENCY		[14,033]				
5. APPROPRIATION	10,421	277,722	10,179	261,357	11,095	276,871
6. REIMBURSABLE PROGRAM	150	4,000	156	4,000	200	5,000
7. TOTAL O&M PROGRAM	10,571	281,722	10,335	265,357	11,296	281,871

ARMY FAMILY HOUSING
FY 2001 BUDGET ESTIMATE
FOREIGN CURRENCY EXCHANGE DATA
($ in Thousands)

	FY 1999		FY 2000		FY 2001		FY 2002	
	U.S. $ Requiring Conversion	Approved Execution Rates	U.S. $ Requiring Conversion	Approved Execution Rates	U.S. $ Requiring Conversion	*Budgeted* Exchange Rates	U.S. $ Requiring Conversion	*Budgeted* Exchange Rates
Belgium	6,948	38.648	7,873	38.650	4,957	40.210		
Euro	14,003	0.982	58,156	0.949	149,647	0.998	293,145	0.998
Germany	238,454	1.928	205,114	1.855	132,876	1.952		
Italy	11,229	1,888.189	11,097	1,836.370	6,694	1,932.190		
Japan	5,618	140.590	7,295	111.670	6,991	102.670	6,822	102.670
Korea	11,710	1,446.750	13,858	1,199.100	14,134	1,149.800	16,340	1,149.800
Netherlands	9,423	2.167	8,535	2.090	5,118	2.197		
Total	297,385		311,928		320,417		316,307	

EXHIBIT PB-18

ARMY FAMILY HOUSING
FY 2001 BUDGET ESTIMATE
HISTORIC HOUSING COSTS

	DU's	($000) FY 01
a. Non GFOQ Dwelling Units (DU's)		
- Line-item Improvements:	46	9,322
- Maintenance and Repair:	4,177	34,586
B. GFOQ Dwelling Units (DU's)		
- Line-item Improvements:	0	0
- Maintenance and Repair:	168	5,931
C. Grand Total	4,391	49,839

This exhibit provides information regarding maintenance and repair costs to housing units designated as historically significant under provisions of the National Historical Preservation Act, P.L. 89-665 as amended. The costs for all units include recurring maintenance and repair, major repairs, incidental improvements, and major improvements/renovations.

ARMY FAMILY HOUSING
FY 2001 BUDGET ESTIMATE
OPERATION ACCOUNT

($ in Thousands)	
FY 2001 Budget Request	$180,370
FY 2000 Current Estimate	$189,056

The operation account represents the day-to-day cost of providing family housing services. The FY 2001 program was developed using prescribed inflation, inventory reduction plans and civilian pay rates. The account includes all costs for implementation of RCI (management, salaries, studies). Reductions have also been made for units that are to be transferred to a private entity under the RCI plan throughout this budget year. Each operation sub-account is described on the following pages.

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ARMY FAMILY HOUSING
FY 2001 BUDGET ESTIMATE
OPERATION ACCOUNT
MANAGEMENT SUB-ACCOUNT

($ in Thousands)	
FY 2001 Budget Request	$90,286
FY 2000 Current Estimate	$90,486

The FY 2001 request provides funding for RCI and the continued requirement for salaries, referral services, housing surveys, and project planning. Pricing adjustments in the Exhibit OP-5 are based on OSD prescribed pay and non-pay inflation factors.

Increases reflect RCI costs that include management, salaries, feasibility studies, environmental assessments, and requests for qualifications for these locations.

ARMY FAMILY HOUSING
FY 2001 BUDGET ESTIMATE
OPERATION ACCOUNT
MANAGEMENT SUB-ACCOUNT (Continued)
RECONCILIATION OF INCREASES AND DECREASES
EXHIBIT OP-5

		$ In Thousands
1. FY 1999 Obligations	**[91,768]**	
2. FY 2000 Conference Position		**84,185**
3. Congressional Adjustment – Result of revised economic assumptions		-270
4. FY 2000 Adjusted Appropriations		**83,915**
5. Program Adjustment: Increase for RCI Development and Operations of RCI Program		6,571
6. FY 2000 Current Estimate		**90,486**
7. Price adjustment: Pay and non-pay inflation, and Foreign Currency		-420
8. Program Adjustment: Moffett/Onizuka Transfer		220
9. FY 2001 Budget Request		**90,286**

ARMY FAMILY HOUSING
FY 2001 BUDGET ESTIMATE
OPERATION ACCOUNT
SERVICES SUB-ACCOUNT

($ in Thousands)	
FY 2001 Budeget Request	$44,855
FY 2000 Current Estimate	$49,437

The FY 2001 request is based on the required level of support for refuse collection, street cleaning, police and fire protection, pest control, and custodial services. Pricing adjustments in the Exhibit OP-5 are based on OSD prescribed non-pay inflation factors and foreign currency rates. Inventory reduction adjustments reflect the sum of computed changes at MACOM level cost per unit rather than changes at an Army-wide cost per unit.

Program changes are a result of inventory reductions and transfer of housing to private entities. Fire and police protection continues to be provided for the privatized housing units.

ARMY FAMILY HOUSING
FY 2001 BUDGET ESTIMATE
OPERATION ACCOUNT
SERVICES SUB-ACCOUNT (Continued)

RECONCILIATION OF INCREASES AND DECREASES
EXHIBIT OP-5

		$ In Thousands	
1.	**FY 1999 Obligations**	**[48,168]**	
2.	**FY 2000 Conference Position**		**47,715**
3.	Congressional Adjustment – Result of Revised economic assumptions		-153
4.	**FY 2000 Adjusted Appropriations**		**47,562**
5.	Program Adjustment for Anticipated Expenses including Fire and Police Support in Family Housing Areas		**1,875**
6.	**FY 2000 Current Estimate**		**49,437**
7.	Price adjustment: Pay and non-pay inflation, and Foreign Currency		-1,056
8.	Program change due to inventory reduction (avg 10,151 units) and privatization		-3,526
9.	**FY 2001 Budget Request**		**44,855**

ARMY FAMILY HOUSING
FY 2001 BUDGET ESTIMATE
OPERATION ACCOUNT
FURNISHINGS SUB-ACCOUNT

($ in Thousands)	
FY 2001 Budget Request	$44,374
FY 2000 Current Estimate	$48,310

The furnishings sub-account is primarily used for controlling, managing, moving and handling, maintaining, and repairing household equipment (i.e., refrigerators, ranges, and where authorized at OCONUS locations, washers and dryers) for family quarters throughout the Army. In addition, furniture items such as beds, tables, dressers, etc., are authorized for OCONUS locations.

Pricing adjustments in the Exhibit OP-5 for this account are based on OSD prescribed pay and non-pay inflation factors. Program decreases are a result of RCI and inventory reductions. The Army plans to demolish dwelling units deemed uneconomical to repair. Inventory reduction adjustments reflect the sum of computed changes at MACOM level cost per unit rather than changes at an Army-wide cost per unit.

ARMY FAMILY HOUSING
FY 2001 BUDGET ESTIMATE
OPERATION ACCOUNT
FURNISHINGS SUB-ACCOUNT (Continued)

RECONCILIATION OF INCREASES AND DECREASES
EXHIBIT OP-5

			$ In Thousands
1.	**FY 1999 Obligations**	**[47,439]**	
2.	**FY 2000 Conference Position**		**44,970**
3.	Congressional Adjustment – Result of revised economic assumptions		-144
4.	**FY 2000 Adjusted Appropriations**		**44,826**
5.	Program Adjustments: Increase in anticipated expenses for replacement, repair, warehousing and transport of Government owned furnishings.		3,484
6.	**FY 2000 Current Estimate**		**48,310**
7.	Price adjustment: Pay and non-pay inflation, and Foreign Currency		-2,012
8.	Program decrease due to inventory reduction (10,151 avg no. of units)		-1,924
9.	**FY 2001 Budget Request**		**44,374**

ARMY FAMILY HOUSING
FY 2001 BUDGET ESTIMATE
OPERATION ACCOUNT
MISCELLANEOUS SUB-ACCOUNT

	($ in Thousands)
FY 2001 Budget Request	$855
FY 2000 Current Estimate	$823

The Miscellaneous subaccount includes funds for payment to non-Department of Defense agencies for housing provided to U.S. soldiers. The FY 2001 request will fund housing provided by the U.S. Coast Guard (USCG) for Army soldier families in Puerto Rico, California, Massachusetts and Florida. Pricing adjustments in the Exhibit OP-5 are based on OSD prescribed pay inflation factors.

ARMY FAMILY HOUSING
FY 2001 BUDGET ESTIMATE
OPERATION ACCOUNT
MISCELLANEOUS SUB-ACCOUNT (Continued)

RECONCILIATION OF INCREASES AND DECREASES
EXHIBIT OP-5

		$ In Thousands
1.	**FY 1999 Obligations**	**[600]**
2.	**FY 2000 Conference Position**	**482**
3.	Congressional Adjustment – Result of revised economic assumptions	-2
4.	**FY 2000 Adjusted Appropriations**	**480**
5.	Program Adjustment: Increase of housing units leased from the U.S. Coast Guard.	**343**
6.	**FY 2000 Current Estimate**	**823**
7.	Program Adjustment	32
8.	**FY 2001 Budget Request**	**855**

FEBRUARY 2000

ARMY FAMILY HOUSING
FY 2001 BUDGET ESTIMATE
UTILITIES ACCOUNT

	($ in Thousands)
FY 2001 Budget Request	$198,101
FY 2000 Current Estimate	$209,248

This program provides for all utility services for Army Family Housing. Services include electricity, natural and propane gas, steam/hot water, fuel oil, coal, water and sewage. These are must-pay costs and are essential to keep family quarters occupied.

The energy consumption reduction goal of 1.5 percent has been considered in the program. It is anticipated that the established savings realized as a result of energy conserving repair and improvement projects completed in prior years will continue to help achieve the energy reduction goals.

Fuel price adjustments and non-fuel inflation are computed at the OSD prescribed rates.

Inventory reductions are due to RCI, BRAC, and continuing efforts to divest housing, which is excess to requirements or is not economically feasible to repair.

ARMY FAMILY HOUSING
FY 2001 BUDGET ESTIMATE
UTILITIES (Continued)

RECONCILIATION OF INCREASES AND DECREASES
EXHIBIT OP-5

		$ In Thousands
1. FY 1999 Obligations	**[215,413]**	
2. FY 2000 Conference Position		**220,952**
3. Congressional Adjustment – Result of revised economic assumptions		-710
4. FY 2000 Adjusted Appropriations		**220,242**
5. Revision of baseline due to savings resulting from a much milder than anticipated winter in 1999		-10,994
6. FY 2000 Current Estimate		**209,248**
7. Price adjustment: Pay and non-pay inflation, and Foreign Currency		-6,885
8. Program Decreases:		-4,262
a. Decrease due to inventory reduction(-10,151 average of units)	-4,827	
b. Energy Conservation	-2,605	
c. Ft. Carson Utility Costs	3,170	
9. FY 2001 Budget Request		**198,101**

ARMY FAMILY HOUSING
FY 2001 BUDGET ESTIMATE
MAINTENANCE AND REPAIR ACCOUNT

	($ in Thousands)
FY 2001 Budget Request	$397,792
FY 2000 Current Estimate	$460,594

The value of family housing assets maintained by the Army exceeds $17 billion in replacement costs. Ensuring that these facilities can be continuously occupied requires sound property management and timely recurring maintenance for preservation and protection of this major investment.

The program adjustment to the FY 2000 current estimate brings the FY 2001 program to essential maintenance. There is enough maintenance and repair dollars to stop further deterioration of the existing owned inventory, to keep units safe for assignment.

This budget request contains a list including a larger number of foreign projects than those in the United States. Projects within the United States can be executed at a lower cost due to lower Area Cost Factors (ACF) and the type of construction, they are therefore not reported above the M&R threshold. In foreign areas, primarily in Germany, construction is of more expensive masonry and usually multi-storied, stairwell apartment style units. The foreign projects, that exceed the cost reporting requirements, are included in detail.

Overseas, the Army continues the whole-house/whole-neighborhood revitalization program to bring existing facilities up to new construction standards. This program combines all improvements with required maintenance and repairs in the overseas housing upgrade program, minimizing quarters downtime and disruptions to residents for piece-meal work.

ARMY FAMILY HOUSING
FY 2001 BUDGET ESTIMATE
MAINTENANCE AND REPAIR ACCOUNT (continued)

RECONCILIATION OF INCREASES AND DECREASES
EXHIBIT OP-5

		$ In Thousands	
1.	**FY 1999 Obligations**	**[489,908]**	
2.	**FY 2000 Conference Position**		**469,211**
3.	Congressional Adjustment – Result of revised economic assumptions		-1,507
4.	**FY 2000 Adjusted Appropriations**		**467,704**
5.	Baseline Adjustment: Decrease in program including Rescission		**-**7110
6.	**FY 2000 Current Estimate**		**460,594**
7.	Price adjustment: Pay and non-pay inflation, and Foreign Currency		-12,337
8.	Program Decreases:		-50,465
	a. Decrease due to inventory reduction(-10,151 average of units; includes units to be privatized.	-21,037	
	b. Program Reduction	-29,428	
9.	**FY 2001 Budget Request**		**397,792**

1. COMPONENT ARMY	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2. DATE February 2000

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
Various Locations - World-wide	AFH Maintenance and Repair Projects over $20,000 per Dwelling Unit

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
887420	771	Congressional Report Request	$162,463.0

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
Projects for Repairs to Family Housing Dwelling Units (Non General/Flag Officer Qtrs (GFOQ))	DU	1,756	--	$162,463.0

10. Description of Proposed Construction

Projects include work necessary to provide adequate family quarters by repairing/replacing deteriorated building components, i.e., windows, doors, kitchen and bathroom cabinets, countertops, flooring and floor covering, electrical, mechanical, and sanitary systems, light fixtures, chimneys, gutters and downspouts, roofs, and structural components as required. Replacement of building components in quarters designated as historically significant are performed on life cycle analysis, as applicable, in coordination with the State Historical Preservation Office.

11. Requirement for Project:

PROJECT: Provides repair in 1,756 units by replacing deteriorated components and/or building systems. These units do not include general or flag officers quarters as projects for those units are reported separately. Projects at installations falling under the Residential Communities Initiative (RCI) Program for FY 01 have not been included in this submission.

1. COMPONENT ARMY	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2. DATE February 2000

3. INSTALLATION AND LOCATION

Various Locations - World-wide

4. PROJECT TITLE	5. PROJECT NUMBER
Army Family Housing Maintenance and Repair Projects over $20,000 per Dwelling Unit (DU)	P1920

REQUIREMENTS: Projects are required to accomplish necessary repairs in family quarters to correct deficiencies due to continued use, deterioration or failure of building components. The work proposed is the type necessary to assure continued occupancy, adequately maintain the facility, prevent the unit from further deterioration and is based on life cycle analysis of the component.

CURRENT SITUATION: These units vary in age up to 110 years. The buildings are structurally sound and worthy of investment; however, the facility components and utility systems are deteriorated to the extent that maintenance is no longer effective, and major repairs or replacement of components are required. Types of repairs to be performed are based on a cost analysis.

NOTES:

1. This information is provided in accordance with the House Appropriation Committee, Conference Report 105-647, July 24, 1998, requiring the Services to report major repairs in family quarters where the costs (obligations) exceed $20,000 per dwelling unit in a fiscal year. GFOQs are reported separately where the total obligations for maintenance and repair during the fiscal year will exceed $25,000. The project listing allows for execution of the projects in FY 01.

2. This budget request contains a list with a larger number of foreign projects than those in the United States. Projects within the United States can be executed at a lower cost due to lower Area Cost Factors (ACF) and the type of construction, they are therefore not included in detail. In foreign areas, primarily in Germany, construction is of more expensive masonry and usually multi-storied, stairwell apartment style units. The foreign projects, that exceed the cost reporting requirements, are included in detail.

1. COMPONENT ARMY	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2. DATE February 2000

3. INSTALLATION AND LOCATION

Various Locations - World-wide

4. PROJECT TITLE	5. PROJECT NUMBER
Army Family Housing Maintenance and Repair Projects over $20,000 per Dwelling Unit (DU)	P1920

DESCRIPTION OF WORK TO BE ACCOMPLISHED

STATE INSTALLATION	NO. D.U.	YEAR BUILT	($000) AVE D.U. COST	AVG D.U. NSF	TOTAL PROJECT NSF	($000) TOTAL CWE	($000) CONCUR PAC
GEORGIA							
Fort McPherson Historical (PN 48640)	2	1889	180.0	3,346	6,692	360.0	0.0

Repair dwelling units with the complete renovation of the units to include the repair or replacement of windows, doors, fixtures, flooring and floor coverings, components of the electrical, mechanical, and sanitary systems, water lines, interior and exterior painting, wooden components, standing seam terne metal roof, gutters and downspouts. Work also includes the abatement of lead-base paint. Major maintenance and repair plus post acquisition construction for the past five years: None.

Fort McPherson Historical (PN 52933)	1	1891	180.0	3,346	3,346	180.0	0.0

Repair dwelling units with the complete renovation of the units to include the repair or replacement of windows, doors, fixtures, flooring and floor coverings, components of the electrical, mechanical, and sanitary systems, water lines, interior and exterior painting, wooden components, standing seam terne metal roof, gutters and downspouts. Work also includes the abatement of lead-base paint. Major maintenance and repair plus post acquisition construction for the past five years: None.

PENNSYLVANIA							
Carlisle Barracks (PN 52795)	47	1939	27.7	1,698	79,823	1,300.0	0.0

Repair dwelling units with the repair or replacement of windows, storm windows, doors, trim, interior and exterior painting as required. Work also includes the abatement of lead-base paint. Major maintenance and repair plus post acquisition construction for the past five years: None.

VIRGINIA							
Fort Lee (PN 53048)	328	1957 - 1961	64.0	1,269	416,173	21,000.0	0.0

Repair dwelling units with the complete renovation of the units to include the repair or replacement of windows, doors, fixtures, flooring and floor coverings, components of the electrical, mechanical, and sanitary systems, water lines, interior and exterior painting, wooden components, roof, gutters, downspouts, converting carports to garages. Work also includes the abatement of lead-base paint and asbestos. Major maintenance and repair plus post acquisition construction for the past five years: None.

1. COMPONENT ARMY	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2. DATE February 2000

3. INSTALLATION AND LOCATION

Various Locations – World-wide

4. PROJECT TITLE	5. PROJECT NUMBER
Army Family Housing Maintenance and Repair Projects Over $20,000 per Dwelling Unit (DU)	P1920

DESCRIPTION OF WORK TO BE ACCOMPLISHED

STATE INSTALLATION	NO. D.U.	YEAR BUILT	($000) AVE D.U. COST	AVG D.U. NSF	TOTAL PROJECT NSF	($000) TOTAL CWE	($000) CONCUR PAC
Fort Monroe Historical (PN 45409)	7	1880 - 1946	95.7	3,257	22,802	670.0	0.0

Repair dwelling units to include the repair by replacing and disposal of asbestos siding, painting and caulking as required. Major maintenance and repair plus post acquisition construction for the past five years: None.

GERMANY ($/DM 1.71)

Ansbach (PN 51246)	60	1972	95.0	1,011	60,660	5,700.0	0.0

Repair dwelling units by the repair or replacement of interior plaster, flooring, floor and wall tiles, doors and entry steps, windows, roof components, insulation, built-in bathroom and kitchen cabinets and closets, components of the electrical, mechanical, water, and sanitary systems, balconies, painting the building exterior and interior, and cleanup as required. A second bathroom and laundry room will be added by reconfiguring existing space within the apartment. Scope of work also includes repair or replacement of parking and street paving, underground utilities, landscaping, and play areas with amenities. Major maintenance and repair plus post acquisition construction for the past 5 years: None.

Bamberg (PN 49883)	54	1955	87.4	1,010	54,558	4,700.0	0.0

Repair dwelling units by the repair or replacement of interior plaster, flooring, floor and wall tiles, doors and entry steps, windows, built-in bathroom and kitchen cabinets and closets, components of the electrical, mechanical, water, and sanitary systems, painting and cleanup as required. Major maintenance and repair plus post acquisition construction for the past 5 years: None.

Baumholder (PN 50813)	48	1952 - 1955	111.3	1,160	55,680	5,343.0	0.0

Repair dwelling units by the repair or replacement of interior plaster, flooring, floor and wall tiles, doors and entry steps, windows, roof components, insulation, built-in bathroom and kitchen cabinets and closets, components of the electrical, mechanical, water, and sanitary systems, balconies, painting the building exterior and interior, construction of a bathroom with shower, providing space for a washer and dryer, abatement of lead-based paint and asbestos, and cleanup as required. Major maintenance and repair plus post acquisition construction for the past 5 years: None.

1. COMPONENT ARMY	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2. DATE February 2000

3. INSTALLATION AND LOCATION

Various Locations - World-wide

4. PROJECT TITLE	5. PROJECT NUMBER
Army Family Housing Maintenance and Repair Projects Over $20,000 per Dwelling Unit (DU)	P1920

DESCRIPTION OF WORK TO BE ACCOMPLISHED

STATE INSTALLATION	NO. D.U.	YEAR BUILT	($000) AVE D.U. COST	AVG D.U. NSF	TOTAL PROJECT NSF	($000) TOTAL CWE	($000) CONCUR PAC
Baumholder (PN 52635)	64	1952 - 1955	97.5	1,050	67,200	6,240.0	0.0

Repair dwelling units by the repair or replacement of interior plaster, flooring, floor and wall tiles, doors and entry steps, windows, roof components, insulation, built-in bathroom and kitchen cabinets and closets, components of the electrical, mechanical, water, and sanitary systems, balconies, painting the building exterior and interior, construction of a bathroom with shower, providing space for a washer and dryer, abatement of lead-based paint and asbestos, and cleanup as required. Work includes landscaping, utility services, streetlights, and storm drainage. Major maintenance and repair plus post acquisition construction for the past 5 years: None.

Darmstadt (PN 52709)	72	1954 - 1955	87.5	998	71,832	6,300.0	0.0

Repair dwelling units by the repair or replacement of interior plaster, flooring, floor and wall tiles, doors and entry steps, windows, roof components, insulation, built-in bathroom and kitchen cabinets and closets, components of the electrical, mechanical, water, and sanitary systems, balconies, painting the building exterior and interior, construction of a bathroom with shower, providing space for a washer and dryer, abatement of lead-based paint and asbestos, and cleanup as required. Scope of work also includes repair or replacement of parking and street paving, underground utilities (electric, water, and sewer), landscaping, and play areas with amenities. Major maintenance and repair plus post acquisition construction for the past 5 years: None.

Darmstadt (PN 52710)	54	1954 - 1956	87.4	998	53,874	4,719.0	0.0

Repair dwelling units by the repair or replacement of interior plaster, flooring, floor and wall tiles, doors and entry steps, windows, roof components, insulation, built-in bathroom and kitchen cabinets and closets, components of the electrical, mechanical, water, and sanitary systems, balconies, painting the building exterior and interior, construction of a bathroom with shower, providing space for a washer and dryer, abatement of lead-based paint and asbestos, and cleanup as required. Scope of work also includes repair or replacement of parking and street paving, underground utilities (electric, water, and sewer), landscaping, and play areas with amenities. Major maintenance and repair plus post acquisition construction for the past 5 years: None.

1. COMPONENT ARMY	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2. DATE February 2000

3. INSTALLATION AND LOCATION

Various Locations - World-wide

4. PROJECT TITLE	5. PROJECT NUMBER
Army Family Housing Maintenance and Repair Projects Over $20,000 per Dwelling Unit (DU)	P1920

DESCRIPTION OF WORK TO BE ACCOMPLISHED

STATE INSTALLATION	NO. D.U.	YEAR BUILT	($000) AVE D.U. COST	AVG D.U. NSF	TOTAL PROJECT NSF	($000) TOTAL CWE	($000) CONCUR PAC
Darmstadt (PN 52718)	52	1951 - 1953	92.3	1,064	55,312	4,800.0	0.0

Repair dwelling units by the repair or replacement of interior plaster, flooring, floor and wall tiles, doors and entry steps, windows, roof components, insulation, built-in bathroom and kitchen cabinets and closets, components of the electrical, mechanical, water, and sanitary systems, balconies, painting the building exterior and interior, construction of a bathroom with shower, providing space for a washer and dryer, abatement of lead-based paint and asbestos, and cleanup as required. Scope of work also includes repair or replacement of parking and street paving, underground utilities (electric, water, and sewer), landscaping, and play areas with amenities. Major maintenance and repair plus post acquisition construction for the past 5 years: None

Garmisch (PN 52718)	13	1956	30.0	1,310	17,030	390.0	0.0

Repair dwelling units by the repair or replacement of balconies, patios, and exterior painting of the units. Major maintenance and repair plus post acquisition construction for the past 5 years: None

Giessen (PN 50998)	36	1955	115.3	990	35,652	4,150.0	0.0

Repair dwelling units by the repair or replacement of interior plaster, flooring, floor and wall tiles, doors and entry steps, windows, roof components, insulation, built-in bathroom and kitchen cabinets and closets, components of the electrical, mechanical, water, and sanitary systems, balconies, painting the building exterior and interior, construction of a bathroom with shower, providing space for a washer and dryer, abatement of lead-based paint and asbestos, and cleanup as required. Scope of work also includes repair or replacement of parking and street paving, underground utilities (electric, water, and sewer), landscaping, and play areas with amenities. Major maintenance and repair plus post acquisition construction for the past 5 years: None

Giessen (PN 52641)	72	1955 - 1956	106.1	1,123	80,880	7,641.0	0.0

Repair dwelling units by the repair or replacement of interior plaster, flooring, floor and wall tiles, doors and entry steps, windows, roof components, insulation, built-in bathroom and kitchen cabinets and closets, components of the electrical, mechanical, water, and sanitary systems, balconies, painting the building exterior and interior, construction of a bathroom with shower, providing space for a washer and dryer, abatement of lead-based paint and asbestos, and cleanup as required. Scope of work also includes repair or replacement of parking and street paving, underground utilities (electric, water, and sewer), landscaping, and play areas with amenities. Major maintenance and repair plus post acquisition construction for the past 5 years: None

1. COMPONENT ARMY	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2. DATE February 2000

3. INSTALLATION AND LOCATION
Various Locations - World-wide

4. PROJECT TITLE	5. PROJECT NUMBER
Army Family Housing Maintenance and Repair Projects over $20,000 per Dwelling Unit (DU)	P1920

DESCRIPTION OF WORK TO BE ACCOMPLISHED

STATE INSTALLATION	NO. D.U.	YEAR BUILT	($000) AVE D.U. COST	AVG D.U. NSF	TOTAL PROJECT NSF	($000) TOTAL CWE	($000) CONCUR PAC
Grafenwoehr (PN 52419)	24	1972	112.5	990	23,766	2,700.0	0.0

Repair dwelling units by the repair or replacement of interior plaster, flooring, floor and wall tiles, doors and entry steps, windows, roof components, insulation, built-in bathroom and kitchen cabinets and closets, components of the electrical, mechanical, water, and sanitary systems, exterior plaster to include insulation, painting the building exterior and interior, abatement of lead-based paint and asbestos, and cleanup as required. Major maintenance and repair plus post acquisition construction for the past 5 years: None.

Hanau (PN 50995)	54	1956	107.6	1,123	60,660	5,808.0	0.0

Repair dwelling units by the repair or replacement of interior plaster, flooring, floor and wall tiles, doors and entry steps, windows, roof components, insulation, built-in bathroom and kitchen cabinets and closets, components of the electrical, mechanical, water, and sanitary systems, balconies, painting the building exterior and interior, construction of a bathroom with shower, providing space for a washer and dryer, abatement of lead-based paint and asbestos, and cleanup as required. Scope of work also includes repair or replacement of parking and street paving, underground utilities (electric, water, and sewer), landscaping, and play areas with amenities. Major maintenance and repair plus post acquisition construction for the past 5 years: None.

Hanau (PN 52639)	48	1952 - 1953	111.2	1,076	51,632	5,337.0	0.0

Repair dwelling units by the repair or replacement of interior plaster, flooring, floor and wall tiles, doors and entry steps, windows, roof components, insulation, built-in bathroom and kitchen cabinets and closets, components of the electrical, mechanical, water, and sanitary systems, balconies, painting the building exterior and interior, construction of a bathroom with shower, providing space for a washer and dryer, abatement of lead-based paint and asbestos, and cleanup as required. Scope of work also includes repair or replacement of parking and street paving, underground utilities (electric, water, and sewer), landscaping, and play areas with amenities. Major maintenance and repair plus post acquisition construction for the past 5 years: None.

Heidelberg (PN 52707)	19	1956	168.4	1,875	35,625	3,200.0	0.0

Repair dwelling units by the repair or replacement of interior plaster, flooring, floor and wall tiles, doors and entry steps, windows, roof components, insulation, built-in bathroom and kitchen cabinets and closets, components of the electrical, mechanical, water, and sanitary systems, balconies, painting the building exterior and interior, abatement of lead-based paint and asbestos, and cleanup as required. Scope of work also includes repair or replacement of parking and street paving, walkways, and landscaping. Major maintenance and repair plus post acquisition construction for the past 5 years: None.

1. COMPONENT ARMY	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2. DATE February 2000

3. INSTALLATION AND LOCATION

Various Locations – World-wide

4. PROJECT TITLE	5. PROJECT NUMBER
Army Family Housing Maintenance and Repair Projects over $20,000 per Dwelling Unit (DU)	P1920

DESCRIPTION OF WORK TO BE ACCOMPLISHED

STATE INSTALLATION	NO. D.U.	YEAR BUILT	($000) AVE D.U. COST	AVG D.U. NSF	TOTAL PROJECT NSF	($000) TOTAL CWE	($000) CONCUR PAC
Mannheim (PN 51232)	108	1952	94.4	1,219	131,664	10,200.0	0.0

Repair dwelling units by the repair or replacement of interior plaster, flooring, floor and wall tiles, doors and entry steps, windows, roof components, insulation, built-in bathroom and kitchen cabinets and closets, components of the electrical, mechanical, water, and sanitary systems, balconies, painting the building exterior and interior, roofing, dormer windows, construction of a bathroom with shower, providing space for a washer and dryer, abatement of lead-based paint and asbestos, and cleanup as required. Scope of work also includes repair or replacement of parking and street paving, walkways, and landscaping. Major maintenance and repair plus post acquisition construction for the past 5 years: None.

Mannheim (PN 52790)	84	1952	101.5	1,188	99,800	8,529.0	0.0

Repair dwelling units by the repair or replacement of interior plaster, flooring, floor and wall tiles, doors and entry steps, windows, roof components, insulation, built-in bathroom and kitchen cabinets and closets, components of the electrical, mechanical, water, and sanitary systems, balconies, painting the building exterior and interior, roofing, dormer windows, construction of a bathroom with shower, providing space for a washer and dryer, abatement of lead-based paint and asbestos, and cleanup as required. Scope of work also includes repair or replacement of parking and street paving, walkways, and landscaping. Major maintenance and repair plus post acquisition construction for the past 5 years: None.

Schweinfurt (PN 49238)	36	1955	84.7	968	34,847	3,050.0	0.0

Repair dwelling units by the repair or replacement of interior plaster, flooring, floor and wall tiles, doors and entry steps, windows, roof components, insulation, built-in bathroom and kitchen cabinets and closets, components of the electrical, mechanical, water, and sanitary systems, balconies, painting the building exterior and interior, abatement of lead-based paint and asbestos, and cleanup as required. Scope of work also includes the installation of a fire suppression system which includes kitchen fire suppression system, central fire alarm stations, smoke detectors, and fire resistant entrance doors with panic hardware. Major maintenance and repair plus post acquisition construction for the past 5 years: None.

1. COMPONENT ARMY	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2. DATE February 2000

3. INSTALLATION AND LOCATION
Various Locations – World-wide

4. PROJECT TITLE	5. PROJECT NUMBER
Army Family Housing Maintenance and Repair Projects over $20,000 per Dwelling Unit (DU)	P1920

DESCRIPTION OF WORK TO BE ACCOMPLISHED

STATE INSTALLATION	NO. D.U.	YEAR BUILT	($000) AVE D.U. COST	AVG D.U. NSF	TOTAL PROJECT NSF	($000) TOTAL CWE	($000) CONCUR PAC
Schweinfurt (PN 49240)	27	1955	114.8	1,443	38,966	3,100.0	0.0

Repair dwelling units by the repair or replacement of interior plaster, flooring, floor and wall tiles, doors and entry steps, windows, roof components, insulation, built-in bathroom and kitchen cabinets and closets, components of the electrical, mechanical, water, and sanitary systems, balconies, painting the building exterior and interior, abatement of lead-based paint and asbestos, and cleanup as required. Scope of work also includes the installation of a fire suppression system which includes kitchen fire suppression system, central fire alarm stations, smoke detectors, and fire resistant entrance doors with panic hardware. Major maintenance and repair plus post acquisition construction for the past 5 years: None.

Schweinfurt (PN 49587)	40	1955	86.3	1,031	41,228	3,450.0	0.0

Repair dwelling units by the repair or replacement of interior plaster, flooring, floor and wall tiles, doors and entry steps, windows, roof components, insulation, built-in bathroom and kitchen cabinets and closets, components of the electrical, mechanical, water, and sanitary systems, balconies, painting the building exterior and interior, abatement of lead-based paint and asbestos, and cleanup as required. Scope of work also includes the installation of a fire suppression system, which includes kitchen fire suppression system, central fire alarm stations, smoke detectors, and fire resistant entrance doors with panic hardware. Major maintenance and repair plus post acquisition construction for the past 5 years: None.

Stuttgart (PN 52789)	72	1952	84.8	990	71,280	6,105.0	0.0

Repair dwelling units by the repair or replacement of interior plaster, flooring, floor and wall tiles, doors and entry steps, windows, roof components, insulation, built-in bathroom and kitchen cabinets and closets, components of the electrical, mechanical, water, and sanitary systems, balconies, painting the building exterior and interior, construction of a bathroom with shower, providing space for a washer and dryer, abatement of lead-based paint and asbestos, and cleanup as required. Scope of work also includes repair or replacement of parking and street paving, landscaping, and play areas with amenities. Major maintenance and repair plus post acquisition construction for the past 5 years: None.

Stuttgart (PN 52825)	72	1952	84.8	990	71,280	6,105.0	0.0

Repair dwelling units by the repair or replacement of interior plaster, flooring, floor and wall tiles, doors and entry steps, windows, roof components, insulation, built-in bathroom and kitchen cabinets and closets, components of the electrical, mechanical, water, and sanitary systems, balconies, painting the building exterior and interior, construction of a bathroom with shower, providing space for a washer and dryer, abatement of lead-based paint and asbestos, and cleanup as required. Scope of work also includes repair or replacement of parking and street paving, landscaping, and play areas with amenities. Major maintenance and repair plus post acquisition construction for the past 5 years: None.

1. COMPONENT ARMY	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2. DATE February 2000

3. INSTALLATION AND LOCATION

Various Locations – World-wide

4. PROJECT TITLE	5. PROJECT NUMBER
Army Family Housing Maintenance and Repair Projects over $20,000 per Dwelling Unit (DU)	P1920

DESCRIPTION OF WORK TO BE ACCOMPLISHED

STATE INSTALLATION	NO. D.U.	YEAR BUILT	($000) AVE D.U. COST	AVG D.U. NSF	TOTAL PROJECT NSF	($000) TOTAL CWE	($000) CONCUR PAC
Vilseck (PN 52425)	2	1956	162.0	1,365	2,730	324.0	0.0

Repair dwelling units by the repair or replacement of interior plaster, flooring, floor and wall tiles, doors and entry steps, windows, roof components, insulation, built-in bathroom and kitchen cabinets and closets, components of the electrical, mechanical, water, and sanitary systems, painting, abatement of lead-based paint and asbestos, and cleanup as required. Scope of work also includes the installation of a fire suppression system, which includes kitchen fire suppression system, central fire alarm stations, smoke detectors, and fire resistant entrance doors with panic hardware. Major maintenance and repair plus post acquisition construction for the past 5 years: None.

Vilseck (PN 52878)	36	1955	119.4	975	35,112	4,300.0	0.0

Repair dwelling units by the repair or replacement of interior plaster, flooring, floor and wall tiles, doors and entry steps, windows, roof components, insulation, built-in bathroom and kitchen cabinets and closets, components of the electrical, mechanical, water, and sanitary systems, painting, abatement of lead-based paint and asbestos, and cleanup as required. Scope of work also includes the installation of a fire suppression system, which includes kitchen fire suppression system, central fire alarm stations, smoke detectors, and fire resistant entrance doors with panic hardware. Major maintenance and repair plus post acquisition construction for the past 5 years: None.

Wiesbaden (PN 50819)	54	1954 - 1956	111.1	1,102	59,514	6,000.0	0.0

Repair dwelling units by the repair or replacement of interior plaster, flooring, floor and wall tiles, doors and entry steps, windows, roof components, insulation, built-in bathroom and kitchen cabinets and closets, components of the electrical, mechanical, water, and sanitary systems, painting, construction of a bathroom with shower, providing space for a washer and dryer, abatement of lead-based paint and asbestos, and cleanup as required. Scope of work also includes repair or replacement of parking and street paving, underground utilities (electric, water, and sewer), landscaping, and play areas with amenities. Major maintenance and repair plus post acquisition construction for the past 5 years: None.

1. COMPONENT ARMY	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2. DATE February 2000

3. INSTALLATION AND LOCATION

Various Locations – World-wide

4. PROJECT TITLE	5. PROJECT NUMBER
Army Family Housing Maintenance and Repair Projects over $20,000 per Dwelling Unit (DU)	P1920

DESCRIPTION OF WORK TO BE ACCOMPLISHED

STATE INSTALLATION	NO. D.U.	YEAR BUILT	($000) AVE D.U. COST	AVG D.U. NSF	TOTAL PROJECT NSF	($000) TOTAL CWE	($000) CONCUR PAC
Wiesbaden (PN 52637)	54	1954	109.3	1,051	56,727	5,900.0	0.0

Repair dwelling units by the repair or replacement of interior plaster, flooring, floor and wall tiles, doors and entry steps, windows, roof components, insulation, built-in bathroom and kitchen cabinets and closets, components of the electrical, mechanical, water, and sanitary systems, painting, construction of a bathroom with shower, providing space for a washer and dryer, abatement of lead-based paint and asbestos, and cleanup as required. Scope of work also includes repair or replacement of parking and street paving, underground utilities (electric, water, and sewer), landscaping, and play areas with amenities. Major maintenance and repair plus post acquisition construction for the past 5 years: None.

Wuerzberg (PN 52248)	48	1952	104.2	1,146	55,008	5,000.0	0.0

Repair dwelling units by the repair or replacement of interior plaster, flooring, floor and wall tiles, doors and entry steps, windows, roof components, insulation, built-in bathroom and kitchen cabinets and closets, components of the electrical, mechanical, water, and sanitary systems, painting, construction of a bathroom with shower, providing space for a washer and dryer, abatement of lead-based paint and asbestos, and cleanup as required. Scope of work also includes repair or replacement of parking and street paving, underground utilities (electric, water, and sewer), landscaping, and play areas with amenities. Major maintenance and repair plus post acquisition construction for the past 5 years: None.

Wuerzberg (PN 52249)	48	1952	104.2	1,146	55,008	5,000.0	0.0

Repair dwelling units by the repair or replacement of interior plaster, flooring, floor and wall tiles, doors and entry steps, windows, roof components, insulation, built-in bathroom and kitchen cabinets and closets, components of the electrical, mechanical, water, and sanitary systems, painting, construction of a bathroom with shower, providing space for a washer and dryer, abatement of lead-based paint and asbestos, and cleanup as required. Scope of work also includes repair or replacement of parking and street paving, underground utilities (electric, water, and sewer), landscaping, and play areas with amenities. Major maintenance and repair plus post acquisition construction for the past 5 years: None.

1. COMPONENT ARMY	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2. DATE February 2000

3. INSTALLATION AND LOCATION

Various Locations – World-wide

4. PROJECT TITLE	5. PROJECT NUMBER
Army Family Housing Maintenance and Repair Projects over $20,000 per Dwelling Unit (DU)	P1920

DESCRIPTION OF WORK TO BE ACCOMPLISHED

STATE INSTALLATION	NO. D.U.	YEAR BUILT	($000) AVE D.U. COST	AVG D.U. NSF	TOTAL PROJECT NSF	($000) TOTAL CWE	($000) CONCUR PAC
JAPAN ($/YEN 123.05)							
Camp Zama (PN51294)	3	1975	241.3	1,728	5,184	724.0	0.0

Repair dwelling units by the repair or replacement kitchen and bathroom cabinets, countertops, fixtures, and other components, range hood and exhaust system, doors, windows, flooring and floor coverings, roof structure, roofing, ridge exterior insulation, gutter and downspouts, foundation drainage, components of the electrical, mechanical, water, and sanitary systems, interior and exterior painting, and clean-up as required. Install a fire protection system. Major maintenance and repair plus post acquisition construction for the past 5 years: None.

KOREA							
Seoul (PN 52918)	10	1952	251.5	2,135	21,345	2,515.0	0.0

Repair dwelling units by the repair or replacement of interior plaster, flooring, floor and wall tiles, doors, windows, roof components, insulation, bathroom and kitchen cabinets, components of the electrical, mechanical, water, and sanitary systems, painting, abatement of lead-based paint and asbestos, and cleanup as required. Major maintenance and repair plus post acquisition construction for the past 5 years: None.

Seoul (PN 52919)	7	1958 - 1959	231.9	1,711	11,975	1,623.0	0.0

Repair dwelling units by the repair or replacement of interior plaster, flooring, floor and wall tiles, doors, windows, roof components, insulation, bathroom and kitchen cabinets, components of the electrical, mechanical, water, and sanitary systems, painting, abatement of lead-based paint and asbestos, and cleanup as required. Major maintenance and repair plus post acquisition construction for the past 5 years: None.

ARMY FAMILY HOUSING
FY 2001 BUDGET ESTIMATE

GENERAL/FLAG OFFICER QUARTERS (GFOQs)
ESTIMATED MAINTENANCE AND REPAIRS
EXCEEDING $25,000 PER DWELLING UNIT

The projects list in this section is provided in accordance with the reporting requirement stated in House Report 105-578, June 16, 1998. This section provides information regarding the anticipated costs for those GFOQs where maintenance and repair obligations in FY 01 are expected to exceed $25,000 per dwelling unit. Maintenance and repairs include recurring work (service calls, preventive maintenance, and routine work between occupancy), as well as major repairs. Sixty-eight GFOQs are listed with a total maintenance and repair cost of $6,794,700. GFOQs at Residential Communities Initiative (RCI) sites programmed in FY 2001 have not been included is this submission.

In those quarters designated as historic, major work is coordinated with the appropriate State Historic Preservation Office. The majority of our GFOQs were built prior to the current size limitations and are generally larger than more contemporary structures. The Army has stewardship for historic dwelling units and a legal responsibility under the provisions of the National Historic Preservation Act, P.L. 89-665 as amended, to preserve and maintain these units. Deferring required repairs will accelerate the rate of deterioration, increase the final cost of repairs, and preclude compliance with Congressionally directed preservation responsibilities.

Experience has shown that it is more cost effective to execute one large repair project on a unit to eliminate the deficiencies in lieu of programming multiple smaller projects spread over several years. The Army’s project review and approval process eliminates unnecessary maintenance and repair. The requested repairs are necessary to ensure that the quarters are maintained in a safe, sanitary and livable condition. Failure to make these repairs will critically impact the condition of quarters and may render them uninhabitable.

ARMY FAMILY HOUSING
FY 2001 BUDGET ESTIMATE SUBMISSION
GENERAL FLAG OFFICERS QUARTERS

STATE INSTALLATION QTRS NO.	NET SQUARE FOOTAGE	HIS-TORIC	YEAR BUILT	MAINT & REPAIRS	LEASE	NEW WORK
DISTRICT OF COLUMBIA						
Fort McNair						
(PN 51221)						
1 Second Ave	3,184	yes	1903	$50,000	-	-

Maintenance and repairs include service orders - $15,000; exterior painting - $15,000; and major repairs include renovating the master bathroom - $20,000.

2 Second Ave	3,184	yes	1905	$30,000	-	-

Maintenance and repairs include service orders - $15,000; and exterior painting - $15,000.

3 Second Ave	3,184	yes	1904	$30,000	-	-

Maintenance and repairs include service orders - $15,000; and exterior painting - $15,000.

4 Second Ave	3,169	yes	1903	$26,000	-	-

Maintenance and repairs include service orders - $10,000; and exterior painting - $16,000.

5 Second Ave	3,197	yes	1903	$30,000	-	-

Maintenance and repairs include service orders - $15,000; and exterior painting - $15,000.

6 Second Ave	3,184	yes	1903	$30,000	-	-

Maintenance and repairs include service orders - $15,000; and exterior painting - $15,000.

7 Second Ave	4,436	yes	1903	$30,000	-	-

Maintenance and repairs include service orders - $15,000; and exterior painting - $15,000.

ARMY FAMILY HOUSING
FY 2001 BUDGET ESTIMATE SUBMISSION
GENERAL FLAG OFFICERS QUARTERS

STATE INSTALLATION QTRS NO.	NET SQUARE FOOTAGE	HIS-TORIC	YEAR BUILT	MAINT & REPAIRS	LEASE	NEW WORK
DISTRICT OF COLUMBIA (cont'd)						
Fort McNair (cont'd)						
(PN 51485)						
8 Second Ave	4,057	yes	1905	$86,000	-	-

Maintenance and repairs include service orders - $10,000, Routine maintenance and change of occupancy - $15,000; interior and exterior painting - $30,000; grounds maintenance - $1,000; and major repairs include the renovation of the kitchen - $30,000.

(PN 49218)						
9 Second Ave	4,278	yes	1903	$50,000	-	-

Maintenance and repairs include service orders - $15,000; exterior painting - $15,000; and major repairs include the renovation of the guest bathroom - $20,000.

10 Second Ave	3,169	yes	1903	$56,000	-	-

Maintenance and repairs include service orders - $10,000, Routine maintenance and change of occupancy - $15,000; interior and exterior painting - $30,000; and grounds maintenance - $1,000.

11 Second Ave	3,169	yes	1903	$56,000	-	-

Maintenance and repairs include service orders - $15,000, Routine maintenance and change of occupancy - $10,000; interior and exterior painting - $30,000; and grounds maintenance - $1,000.

12 Second Ave	3,169	yes	1903	$30,000	-	-

Maintenance and repairs include service orders - $15,000; and exterior painting - $15,000.

ARMY FAMILY HOUSING
FY 2001 BUDGET ESTIMATE SUBMISSION
GENERAL FLAG OFFICERS QUARTERS

STATE INSTALLATION QTRS NO.	NET SQUARE FOOTAGE	HIS-TORIC	YEAR BUILT	MAINT & REPAIRS	LEASE	NEW WORK
DISTRICT OF COLUMBIA (cont'd)						
Fort McNair (cont'd)						
13 Second Ave	3,169	yes	1903	$30,000	-	-

Maintenance and repairs include service orders - $15,000; and exterior painting - $15,000.

14 Second Ave	3,169	yes	1903	$56,000	-	-

Maintenance and repairs include service orders - $15,000, Routine maintenance and change of occupancy - $10,000; interior and exterior painting - $30,000; and grounds maintenance - $1,000.

15 Second Ave	3,169	yes	1903	$56,000	-	-

Maintenance and repairs include service orders - $15,000, Routine maintenance and change of occupancy - $10,000; interior and exterior painting - $30,000; and grounds maintenance - $1,000.

GEORGIA						
Fort Gordon (PN 52983)						
4 Boardman	2,556	no	1930	$32,600	-	-

Maintenance and repairs include service calls - $4,500; grounds maintenance - $3,500; major repairs include the replacement of windows and trim, lead-based paint abatement - $24,500; and self-help - $100.

ARMY FAMILY HOUSING
FY 2001 BUDGET ESTIMATE SUBMISSION
GENERAL FLAG OFFICERS QUARTERS

STATE INSTALLATION QTRS NO.	NET SQUARE FOOTAGE	HIS-TORIC	YEAR BUILT	MAINT & REPAIRS	LEASE	NEW WORK
GEORGIA (cont'd)						
Fort McPherson						
(PN 50507)						
12W Staff Row	2,757	yes	1891	$186,900	-	-

Maintenance and repairs include service calls - $2,500; routine and preventive maintenance - $2,500; grounds maintenance - $1,900; and major repairs include the repair and renovation of the unit to current standards, lead-based paint abatement - $180,000.

(PN 48633)						
15E Staff Row	4,037	yes	1904	$285,500	-	-

Maintenance and repairs include service calls - $2,500; routine and preventive maintenance - $2,500; grounds maintenance - $500; and major repairs include the repair and renovation of the unit to current standards, lead-based paint abatement - $280,000.

(PN 48633)						
15W Staff Row	4,037	yes	1904	$286,900	-	-

Maintenance and repairs include service calls - $2,500; routine and preventive maintenance - $2,500; grounds maintenance - $1,900; and major repairs include the repair and renovation of the unit to current standards, lead-based paint abatement - $280,000.

(PN 48635)						
19E Staff Row	3,885	yes	1892	$275,600	-	-

Maintenance and repairs include service calls - $2,500; routine and preventive maintenance - $1,200; grounds maintenance - $1,900; and major repairs include the repair and renovation of the unit to current standards, lead-based paint abatement - $270,000.

ARMY FAMILY HOUSING
FY 2001 BUDGET ESTIMATE SUBMISSION
GENERAL FLAG OFFICERS QUARTERS

STATE INSTALLATION QTRS NO.	NET SQUARE FOOTAGE	HIS-TORIC	YEAR BUILT	MAINT & REPAIRS	LEASE	NEW WORK
GEORGIA (cont'd)						
Fort McPherson (cont'd)						
(PN 48635)						
19W Staff Row	3,885	yes	1892	$275,600	-	-

Maintenance and repairs include service calls - $2,500; routine and preventive maintenance - $1,200; grounds maintenance - $1,900; and major repairs include the repair and renovation of the unit to current standards, lead-based paint abatement - $270,000.

HAWAII						
Fort Shafter						
(PN 51343)						
9 Palm Circle	4,490	yes	1908	$218,100	-	-

Maintenance and repairs include service calls - $5,000; routine and preventive maintenance - $10,000; grounds maintenance - $6,000; and major repairs include structural repairs, renovation of kitchen and bathrooms - $197,100.

(PN 51366)						
10 Palm Circle	4,405	yes	1908	$215,400	-	-

Maintenance and repairs include service calls - $5,000; routine and preventive maintenance - $10,000; grounds maintenance - $5,700; and major repairs include structural repairs, renovation of kitchen and bathrooms - $194,700.

(PN 51367)						
11 Palm Circle	4,589	yes	1908	$213,500	-	-

Maintenance and repairs include service calls - $5,000; routine and preventive maintenance - $14,000; grounds maintenance - $5,700; and major repairs include structural repairs, renovation of kitchen and bathrooms - $188,800.

ARMY FAMILY HOUSING
FY 2001 BUDGET ESTIMATE SUBMISSION
GENERAL FLAG OFFICERS QUARTERS (Continued)

STATE INSTALLATION QTRS NO.	NET SQUARE FOOTAGE	HIS-TORIC	YEAR BUILT	MAINT & REPAIRS	LEASE	NEW WORK
HAWAII (cont'd)						
Fort Shafter (cont'd)						
(PN 51368)						
12 Palm Circle	3,480	yes	1908	$204,400	-	-

Maintenance and repairs include service calls - $4,000; routine and preventive maintenance - $10,300; interior painting - $5,000; grounds maintenance - $5,700; quarters cleaning - $300; and major repairs include structural repairs, renovation of kitchen and bathrooms - $179,400.

KANSAS						
Fort Leavenworth						
(PN 52989)						
1 Scott	5,545	yes	1861	$55,400	-	-

Maintenance and repairs include service calls - $1,300; routine and preventive maintenance - $2,600; grounds maintenance - $4,500; exterior painting - $14,000; and major repairs include the repair or replacement of exterior wood components, painting porch, lead-based paint abatement - $33,000.

605 Scott	4,177	yes	1883	$81,800	_	_

Maintenance and repair include service calls - $1,000; routine and preventive maintenance - $2,700; grounds maintenance - $4,100; exterior painting - $14,000; and major repairs include the repair and renovation of the unit to current standards, lead-based paint abatement - $60,000.

611 Scott	4,966	yes	1841	$33,500	-	-

Maintenance and repairs include service calls - $1,500; routine maintenance and preventative maintenance - $3,900; grounds maintenance - $4,100; and major repairs include the repair or replacement of exterior wood components, exterior painting, lead-based paint abatement - $24,000

ARMY FAMILY HOUSING
FY 2001 BUDGET ESTIMATE SUBMISSION
GENERAL FLAG OFFICERS QUARTERS (Continued)

STATE INSTALLATION QTRS NO.	NET SQUARE FOOTAGE	HIS-TORIC	YEAR BUILT	MAINT & REPAIRS	LEASE	NEW WORK
NEW JERSEY						
Picatinny Arsenal						
(PN 51371)						
113 Joyes Lane	3,585	no	1909	$138,500	-	-

Maintenance and repairs include service calls - $3,600; routine maintenance and preventive maintenance - $5,900; and major repairs include replacement of windows, repair or replacement of wood trim - $129,000.

NEW YORK						
Fort Drum						
(PN 52925)						
4710 LeRay Dr	2,940	no	1988	$50,400	-	-

Maintenance and repairs include service calls - $3,200; routine and preventive maintenance - $3,900; interior painting - $3,400; repair covered walkway - $1,500; and major repairs include renovate kitchen - $38,400.

(PN 53011)						
100 Jefferson	10,558	yes	1820	$266,800	-	-

Maintenance and repairs include service calls - $4,000; routine maintenance and preventive maintenance - $5,000; grounds maintenance - $3,800; major repairs include exterior repairs of roof, deck, chimneys, painting, lead-based paint abatement - $234,000; and project design - $20,000.

(PN 53012)						
101 Jefferson	4,400	yes	1821	$55,500	-	-

Maintenance and repairs include service calls - $3,000; routine maintenance and preventive maintenance - $11,500; interior painting - $6,000; grounds maintenance - $5,000; and major repairs include exterior repairs of wood trim, painting, lead-based paint abatement - $30,000.

ARMY FAMILY HOUSING
FY 2001 BUDGET ESTIMATE SUBMISSION
GENERAL FLAG OFFICERS QUARTERS (Continued)

STATE INSTALLATION QTRS NO.	NET SQUARE FOOTAGE	HIS-TORIC	YEAR BUILT	MAINT & REPAIRS	LEASE	NEW WORK
VIRGINIA						
Fort Monroe (PN 51305)						
151 Bernard Rd	5,274	yes	1819	$988,500	-	-

Maintenance and repairs include service calls - $4,000; routine maintenance and preventive maintenance - $4,000; grounds maintenance - $500; major repairs include the renovation of the unit to current standards, mechanical, electrical, sanitary systems, lead-based paint abatement - $900,000; and design costs - $80,000.

Fort Myer (PN 51209)						
1 Washington	8,460	yes	1899	$53,000	-	-

Maintenance and repairs include service calls - $15,000; exterior painting - $18,000; and major repairs include renovation of guest bathroom - $20,000.

2 Washington	3,619	yes	1899	$30,000	-	-

Maintenance and repairs include service calls - $15,000; and exterior painting - $15,000.

5 Grant Ave	3,405	yes	1903	$30,000	-	-

Maintenance and repairs include service calls - $15,000; and exterior painting - $15,000.

6 Grant Ave	7,365	yes	1908	$50,000	-	-

Maintenance and repairs include service calls - $25,000; and interior painting - $25,000.

ARMY FAMILY HOUSING
FY 2001 BUDGET ESTIMATE SUBMISSION
GENERAL FLAG OFFICERS QUARTERS (Continued)

STATE INSTALLATION QTRS NO.	NET SQUARE FOOTAGE	HIS-TORIC	YEAR BUILT	MAINT & REPAIRS	LEASE	NEW WORK
VIRGINIA (cont'd)						
Fort Myer (cont'd)						
7 Grant Ave	4,707	yes	1909	$66,000	-	-

Maintenance and repairs include service orders - $15,000, Routine maintenance and change of occupancy - $25,000; interior painting - $25,000; and grounds maintenance - $1,000.

11A Jackson Ave	2,742	yes	1892	$61,000	-	-

Maintenance and repairs include service orders - $15,000, Routine maintenance and change of occupancy - $20,000; interior and exterior painting - $25,000; and grounds maintenance - $1,000.

11B Jackson Ave	2,951	yes	1892	$30,000	-	-

Maintenance and repairs include service calls - $15,000; and exterior painting - $15,000.

12A Jackson Ave	2,701	yes	1892	$30,000	-	-

Maintenance and repairs include service calls - $15,000; and exterior painting - $15,000.

12B Jackson Ave	2,774	yes	1892	$30,000	-	-

Maintenance and repairs include service calls - $15,000; and exterior painting - $15,000.

13A Jackson Ave	1,980	yes	1903	$30,000	-	-

Maintenance and repairs include service calls - $15,000; and exterior painting - $15,000.

ARMY FAMILY HOUSING
FY 2001 BUDGET ESTIMATE SUBMISSION
GENERAL FLAG OFFICERS QUARTERS (Continued)

STATE INSTALLATION QTRS NO.	NET SQUARE FOOTAGE	HIS-TORIC	YEAR BUILT	MAINT & REPAIRS	LEASE	NEW WORK
VIRGINIA (cont'd)						
Fort Myer (cont'd)						
13B Jackson Ave	1,973	yes	1903	$30,000	-	-

Maintenance and repairs include service calls - $15,000; and exterior painting - $15,000.

14A Jackson Ave	1,988	yes	1903	$30,000	-	-

Maintenance and repairs include service calls - $15,000; and exterior painting - $15,000.

14B Jackson Ave	1,927	yes	1903	$30,000	-	-

Maintenance and repairs include service calls - $15,000; and exterior painting - $15,000.

15A Jackson Ave	2,535	yes	1908	$30,000	-	-

Maintenance and repairs include service calls - $15,000; and exterior painting - $15,000.

15B Jackson Ave	2,124	yes	1908	$30,000	-	-

Maintenance and repairs include service calls - $15,000; and exterior painting - $15,000.

16A Jackson Ave	2,463	yes	1908	$30,000	-	-

Maintenance and repairs include service calls - $15,000; and exterior painting - $15,000.

16B Jackson Ave	2,463	yes	1908	$30,000	-	-

Maintenance and repairs include service calls - $15,000; and exterior painting - $15,000.

ARMY FAMILY HOUSING
FY 2001 BUDGET ESTIMATE SUBMISSION
GENERAL FLAG OFFICERS QUARTERS (Continued)

STATE INSTALLATION QTRS NO.	NET SQUARE FOOTAGE	HIS-TORIC	YEAR BUILT	MAINT & REPAIRS	LEASE	NEW WORK
VIRGINIA (cont'd)						
Fort Myer (cont'd)						
23A Lee Ave	2,778	yes	1896	$61,000	-	-

Maintenance and repairs include service orders - $15,000, Routine maintenance and change of occupancy - $15,000; interior and exterior painting - $30,000; and grounds maintenance - $1,000.

24B Lee Ave	2,682	yes	1896	$56,000	-	-

Maintenance and repairs include service orders - $15,000, Routine maintenance and change of occupancy - $10,000; interior and exterior painting - $30,000; and grounds maintenance - $1,000.

25B Lee Ave	2,594	yes	1896	$56,000	-	-

Maintenance and repairs include service orders - $15,000, Routine maintenance and change of occupancy - $10,000; interior and exterior painting - $30,000; and grounds maintenance - $1,000.

26A Lee Ave	2,999	yes	1896	$96,800	-	-

Maintenance and repairs include service orders - $15,000, Routine maintenance and change of occupancy - $15,800; interior painting - $20,000; exterior painting - $15,000; major repairs include renovation of guest bathroom - $20,000; refinish floors - $10,000; and grounds maintenance - $1,000.

27A Lee Ave	3,715	yes	1896	$30,000	-	-

Maintenance and repairs include service calls - $15,000; and exterior painting - $15,000.

ARMY FAMILY HOUSING
FY 2001 BUDGET ESTIMATE SUBMISSION
GENERAL FLAG OFFICERS QUARTERS (Continued)

STATE INSTALLATION QTRS NO.	NET SQUARE FOOTAGE	HIS-TORIC	YEAR BUILT	MAINT & REPAIRS	LEASE	NEW WORK
VIRGINIA (cont'd)						
Fort Myer (cont'd)						
27B Lee Ave	2,718	yes	1896	$30,000	-	-

Maintenance and repairs include service calls - $15,000; and exterior painting - $15,000.

BELGIUM ($/BF 35.35)						
Mons						
Quarters 1	10,411	yes	1800	$57,500	-	-

Maintenance and repairs include service calls - $18,000; routine maintenance and preventive maintenance - $15,000; interior painting - $18,000; replace awning - $3,500; and incidental improvements - $3,000.

GERMANY ($/DM 1.71)						
Garmisch						
(PN 51355)						
38 Wetterstein	2,667	no	1936	$42,200	-	-

Maintenance and repairs include service calls - $2,000; routine maintenance and preventive maintenance - $5,000; self-help - $200; grounds maintenance - $4,000; and major repairs include the renovation of the kitchen, painting - $31,000.

Heidelberg						
26 Rhein Str.	7,500	no	1963	$34,500	-	-

Maintenance and repairs include service calls - $5,500; routine maintenance, preventive maintenance, and change of occupancy - $16,000; interior painting - $8,000; repair exterior utilities - $1,000; grounds maintenance - $3,500; and design $500.

ARMY FAMILY HOUSING
FY 2001 BUDGET ESTIMATE SUBMISSION
GENERAL FLAG OFFICERS QUARTERS (Continued)

STATE INSTALLATION QTRS NO.	NET SQUARE FOOTAGE	HIS-TORIC	YEAR BUILT	MAINT & REPAIRS	LEASE	NEW WORK
GERMANY ($/DM 1.71)(cont'd)						
Mannheim						
(PN 52827)						
59 Grant Circle	2,364	no	1956	$127,100	-	-

Maintenance and repairs include service calls - $2,500; routine maintenance preventive maintenance - $2,800; self-help - $200; grounds maintenance - $600; and major repairs include the renovation of kitchen, bathrooms, patio, and design - $121,000.

Stuttgart						
(PN 47140)						
39 Richard	11,094	yes	1921	$91,700	-	-

Maintenance and repairs include service calls - $5,500; routine maintenance and preventive maintenance - $2,500; self-help - $200; grounds maintenance - $3,500; and major repairs include the replacement of 1st floor windows, and design - $80,000.

(PN 51235)						
69 Florida	2,648	no	1957	$96,100	-	-

Maintenance and repairs include service calls - $3,000; routine maintenance, preventive maintenance, and change of occupancy - $3,800; interior painting - $2,800; self-help - $200; and major repairs include the renovation of the electrical and heating systems to current standards, design - $86,300.

(PN 51235)						
73 Florida	2,648	no	1957	$98,900	-	-

Maintenance and repairs include service calls - $3,000; routine maintenance, preventive maintenance, and change of occupancy - $3,800; interior painting - $2,900; self-help - $200; and major repairs include the renovation of the electrical and heating systems to current standards, design - $89,000.

ARMY FAMILY HOUSING
FY 2001 BUDGET ESTIMATE SUBMISSION
GENERAL FLAG OFFICERS QUARTERS (Continued)

STATE INSTALLATION QTRS NO.	NET SQUARE FOOTAGE	HIS-TORIC	YEAR BUILT	MAINT & REPAIRS	LEASE	NEW WORK
GERMANY ($/DM 1.71)(cont'd)						
Wiesbaden						
(PN 50989)						
2 Wuerttemberg	3,172	no	1956	$305,400	_	_

Maintenance and repairs include service calls - $3,000; routine and preventive maintenance - $2,000; self-help - $200; grounds maintenance - $200: and major repairs include the complete renovation of the dwelling unit to meet current standards and design - $300,000.

KOREA ($/Won 1242.50)						
Seoul						
(PN 51384/51282)						
Quarters 4433	3,669	no	1952	$153,000	-	-

Maintenance and repairs include service calls - $2,000; routine maintenance, preventive maintenance, and change of occupancy - $14,300; interior painting - $4,500; self-help - $200; grounds maintenance - $1,000; other real property - $1,000; incidental improvements - $1,000; exterior utilities - $1,000; and major repairs include repair or replacement of plumbing system, replace windows - $128,000.

(PN 51388)						
Quarters 7060B	1,761	no	1958	$40,900	-	-

Maintenance and repairs include service calls - $2,000; routine maintenance, preventive maintenance, and change of occupancy - $15,800; interior painting - $4,000; self-help - $100; grounds maintenance - $1,000; other real property - $1,000; incidental improvements - $1,000; exterior utilities - $1,000; and major repairs include the repair or replacement of components of the electrical system - $15,000.

ARMY FAMILY HOUSING
FY 2001 BUDGET ESTIMATE SUBMISSION
GENERAL FLAG OFFICERS QUARTERS (Continued)

STATE INSTALLATION QTRS NO.	NET SQUARE FOOTAGE	HIS-TORIC	YEAR BUILT	MAINT & REPAIRS	LEASE	NEW WORK
KOREA ($/Won 1242.50)(cont'd)						
Seoul (cont'd)						
(PN 51396/51397)						
Quarters 7084	1,912	no	1958	$143,400	-	-

Maintenance and repairs include service calls - $2,000; routine maintenance, preventive maintenance, and change of occupancy - $14,300; interior painting - $4,000; self-help - $100; grounds maintenance - $1,000; other real property - $1,000; incidental improvements - $1,000; exterior utilities - $1,000; and major repairs include replacement of existing cold/hot water and heating galvanized plumbing system and components of the electrical system - $81,000; removal of the bearing wall between existing dining area and the rear porch - $38,000.

(PN 51400/51401)						
Quarters 7086	2,215	no	1958	$143,300	-	-

Maintenance and repairs include service calls - $2,000; routine maintenance, preventive maintenance, and change of occupancy - $14,300; interior painting - $4,000; self-help - $200; grounds maintenance - $1,000; other real property - $800; incidental improvements - $1,000; exterior utilities - $1,000; and major repairs include replacement of existing cold/hot water and heating galvanized plumbing system and electrical upgrade - $81,000; removal of the bearing wall between existing dining area and the rear porch - $38,000.

ARMY FAMILY HOUSING
FY 2001 BUDGET ESTIMATE
REIMBURSABLE PROGRAM

($ in Thousands)	
FY 2001 Budget Request	$22,000
FY 2000 Current Estimate	$19,000

The reimbursable program provides for the collection and use of payments for utilities and services, routine maintenance and repair, rents associated with the use of government housing and trailer pads by authorized occupants, and damages caused by occupant negligence.

The following table shows the source of receipts for the family housing account.

	FY 1999	**FY 2000**	**FY 2001**
Non-Federal Sources	14,280	15,982	18,480
Federal Sources	2,720	3,018	3,520

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February 2000

ARMY FAMILY HOUSING
FY 2001 BUDGET ESTIMATE
LEASING ACCOUNT

($ in Thousands)	
FY 2001 Program	$202,011
FY 2000 Current Estimate	$222,294

PURPOSE AND SCOPE

The purpose of the leasing program is to provide family housing at both domestic and foreign locations when additional housing is needed to satisfy a housing deficit and the local economy cannot provide adequate support. The leasing program, authorized by 10 U.S.C. 2828, provides for the payment of rent, operating, and maintenance costs of privately owned quarters assigned to military families as government quarters. The program also includes funds needed to pay for services such as utilities, refuse collection, and maintenance when these services are not part of the contract agreement.

The Army continues to rely on the private sector to meet the majority of housing needs. Where private sector rental markets cannot meet Army requirements, and cost effective alternatives do not exist, short and long-term leases are utilized. In high cost areas and overseas, the Army leases housing that the service members could not afford.

PROGRAM SUMMARY

Authorization is requested for the appropriation of $202,011 to fund leases and related expenses in FY 2001. A summary of the leasing program follows:

	FY 1999 OBLIGATIONS		FY 2000 Curr. Est.		FY 2001 BUDGET REQUEST	
Lease Type	**Leases Supported**	**Cost $000**	**Leases Supported**	**Cost $000**	**Leases Supported**	**Cost $000**
Domestic	224	2,879	239	3,929	239	3,944
Sec. 2835	4,080	58,526	4,080	59,299	4,080	58,170
Foreign less GRHP	7,836	111,577	8,020	139,379	8,093	124,386
GRHP	1,476	22,615	1,281	19,687	1,169	15,511
Total	**13,616**	**195,597**	**13,620**	**222,294**	**13,581**	**202,011**

ARMY FAMILY HOUSING
FY 2001 BUDGET ESTIMATE
LEASING ACCOUNT (continued)

JUSTIFICATION:

1. Domestic Leasing. The domestic leasing program provides temporary housing for Army families pending availability of permanent housing.

2. Section 2835. The Army leases family housing at seven installations under the provisions of 10 U.S.C. 2835, Long Term Leasing of Military Family Housing to be Constructed (formerly known as Section 801 housing). Under this program the Army leases family housing units from a private sector developer for up to 20 years. The units are assigned as military housing to soldiers and their families. This program helped reduce our CONUS family housing deficit at installations where Army families were the most seriously affected by housing shortages. Funds are requested to continue payment of lease costs and operation and maintenance expenses. The FY 2001 budget request includes 4,080 occupied units.

3. Foreign Leasing. The FY 2001 total foreign leasing program request consists of 9,262 leased units. The majority of foreign leases are in Germany. Approximately 1,200 of these leases comprise the Governmental Rental Housing Program (GRHP). Under GRHP, the U.S. Government leases existing, individual housing units in Europe. The Army negotiates, executes and manages the lease contracts, and assumes responsibility for paying the costs. Soldier occupants forfeit their housing allowances and agree to occupy GRHP leased housing for their entire tour. GRHP leases are terminated when soldiers’ tours end. This program allows soldiers to be housed quickly, without large out-of-pocket expenses. There are no early termination costs.

ARMY FAMILY HOUSING
FY 2001 BUDGET ESTIMATE
LEASING ACCOUNT (continued)

RECONCILIATION OF INCREASES AND DECREASES
EXHIBIT OP-5

			$ In Thousands
1.	**FY 1999 Obligations**	**[195,597]**	
2.	**FY 2000 Conference Position**		**220,952**
3.	Congressional Adjustment – Result of revised economic assumptions		-710
4.	**FY 2000 Adjusted Appropriations**		**220,242**
5.	**FY 2000 Current Estimate**		**222,294**
6.	Price adjustment: Pay and non-pay inflation, and Foreign Currency		-16,030
7.	Program Decreases		-4,253
8.	**FY 2001 Budget Request**		**202,011**

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ARMY FAMILY HOUSING
FY 2001 BUDGET ESTIMATE

	FY 1999 OBLIGATIONS			FY 2000 CURR EST			FY 2001 BUDGET REQUEST		
	Units Supported	Months Purchsd	($000)	Units Supported	Months Purchsd	($000)	Units Supported	Months Purchsd	($000)
DOMESTIC LEASING									
Hattiesburg, MS	53	636	730	68	816	1,122	68	816	1,121
Los Angeles, CA	50	600	310	50	600	783	50	600	782
Miami, FL	120	1,440	1,827	120	1,440	2,012	120	1,440	2,029
Newport Ammunition Plant	1	12	12	1	12	12	1	12	12
Subtotal Domestic Leasing	**224**	**2,688**	**2,879**	**239**	**2,868**	**3,929**	**239**	**2,868**	**3,944**
Section 2835(801)									
Ft. Bragg, NC	250	3,000	3,050	250	3,000	3,095	250	3,000	3,070
Ft. Drum, NY	2,000	24,000	27,359	2,000	24,000	27,800	2,000	24,000	27,430
Ft. Hood, TX	300	3,600	2,636	300	3,600	2,607	300	3,600	2,583
Ft. McCoy, WI	80	960	1,560	80	960	1,570	80	960	1,546
Ft. Polk, LA	600	7,200	5,500	600	7,200	5,740	600	7,200	5,607
Ft. Wainwright, AK	550	6,600	14,440	550	6,600	14,466	550	6,600	13,975
Ft. Bliss, TX	300	3,600	3,981	300	3,600	4,021	300	3,600	3,959
Subtotal Section 2835 (801)	**4,080**	**48,960**	**58,526**	**4,080**	**48,960**	**59,299**	**4,080**	**48,960**	**58,170**
Total Domestic Leasing	**4,304**	**51,648**	**61,405**	**4,319**	**51,828**	**63,228**	**4,319**	**51,828**	**62,114**
FOREIGN LEASING									
FORSCOM									
Qatar	1	12	52	1	12	54	0	0	0
Total FORSCOM	**1**	**12**	**52**	**1**	**12**	**54**	**0**	0	**0**
EUSA									
Korea	**1,181**	**14,172**	**15,930**	**1,181**	**14,172**	**20,175**	**1,181**	**14,172**	**19,541**
USAREUR									
Belgium	198	2,376	3,847	300	3,600	4,541	300	3,600	4,007
Germany	5,493	65,916	76,271	5,554	66,648	96,076	5,623	67,476	84,331
Italy	614	7,368	9,945	614	7,368	9,640	614	7,368	8,736
Turkey	9	108	131	9	108	59	9	108	79
Netherlands	278	3336	5,401	278	3,336	6,041	278	3,336	4,638
Subtotal USAREUR	**6,592**	**79,104**	**95,595**	**6,755**	**81,060**	**116,357**	**6,824**	81,888	**101,791**
Govt Rental Hsg Prgm, Eur	1,476	17,712	20,590	1,281	15,372	19,687	1,169	14,028	15,511
Total USAREUR	**8,068**	**96,816**	**116,185**	**8,036**	**96,432**	**136,044**	**7,993**	95,916	**117,302**

ARMY FAMILY HOUSING
FY 2001 BUDGET ESTIMATE

	FY 1999 OBLIGATIONS			FY 2000 CURR EST			FY 2001 BUDGET REQUEST		
	Units Supported	Months Purchsd	($000)	Units Supported	Months Purchsd	($000)	Units Supported	Months Purchsd	($000)
OTHER FOREIGN SUPPORT PROGRAMS									
Bangladesh	2	24	60	2	24	60	2	24	60
Belgium	0	0	0	2	24	69	2	24	70
Botswana	1	12	40	1	12	40	1	12	40
Cameroon	1	12	44	1	12	44	1	12	44
China	0	0	0	0	0	0	0	0	0
Cote d'Ivoire	1	12	32	1	12	32	1	12	32
Croatia	1	12	24	1	12	24	1	12	24
Czech Republic	1	12	37	0	0	0	0	0	0
Denmark	2	24	78	0	0	0	0	0	0
Dominican Republic	2	24	53	2	24	54	2	24	55
Egypt	2	24	35	2	24	35	2	24	35
El Salvador	1	12	30	4	48	125	4	48	128
Ethiopia	0	0	0	1	12	60	1	12	40
France	3	36	177	3	36	173	3	36	176
Germany	0	0	0	8	96	333	8	96	339
Greece	1	12	19	4	48	128	4	48	130
Hungary	2	24	103	1	12	40	1	12	40
India	2	24	44	1	12	24	1	12	24
Indonesia	1	12	37	1	12	30	1	12	30
Israel	1	12	48	1	12	45	1	12	47
Italy	3	36	156	4	48	221	4	48	225
Jamaica	1	12	24	1	12	24	1	12	25
Jordan	4	48	130	4	48	130	4	48	130
Kenya	9	108	129	9	108	230	9	108	230
Korea	1	12	28	1	12	20	1	12	20
Kuwait	2	24	80	2	24	80	2	24	80
Morocco	2	24	39	2	24	25	2	24	25
Netherlands	0	0	0	2	24	97	2	24	98
Niger	1	12	33	1	12	33	1	12	33
Norway	0	0	0	2	24	60	2	24	61
Panama	3	36	59	0	0	0	0	0	0
Phillipines	1	12	45	1	12	45	1	12	45
Poland	1	12	39	1	12	39	1	12	39
Portugal	1	12	17	1	12	10	1	12	10
Qatar	0	0	0	0	0	0	5	60	250
Romania	1	12	33	1	12	20	1	12	20
Senegal	1	12	60	1	12	40	1	12	40
Spain	0	0	0	5	60	135	5	60	137
Sweden	1	12	60	1	12	20	1	12	20
Tunisia	2	24	85	2	12	50	2	12	50
Turkey	2	24	79	2	24	66	2	24	68
United Kingdom	1	12	35	3	36	107	3	36	109
Zimbabwe	1	12	33	1	12	25	1	12	25
Total Other Foreign Support Progra	**62**	**744**	**2,025**	**83**	**996**	**2,793**	**88**	**1,044**	**3,054**
Total Foreign Leasing	**9,312**	**111,744**	**134,192**	**9,301**	**111,612**	**159,066**	**9,262**	**111,132**	**139,897**
TOTAL LEASING PROGRAM	**13,616**	**163,392**	**195,597**	**13,620**	**163,440**	**222,294**	**13,581**	**162,960**	**202,011**

ARMY FAMILY HOUSING
FY 2001 BUDGET ESTIMATE
FY 2001 SUMMARY SHEET FOR HIGH COST LEASES

COUNTRY	LEASES	HIGH COST LEASES	FOREIGN CURRENCY	FY 1988 RATE	FY 2001 RATE	ADJUSTED** FY 01 CAP
Belgium	300	15	Franc	42.77	40.21	$24,805
Italy	614	1	Lira	1423.00	1932.19	$17,174
Ivory Coast	1	1	CFAF	305.90	611.74	$11,661
Netherlands	278	2	Guilder	2.33	2.20	$24,698
Qatar	5	1	Riyal	3.64	3.64	$23,320

** The adjusted high cost cap is determined by multiplying $23,320 (FY 1999 high cost lease limit adjusted for CPI) times the FY 1988 exchange rate divided by the FY 2001 exchange rate. Leases exceeding this cap are counted against the number of high cost leases allowed.

Note: **Other Foreign Support Programs** (which include Foreign Area Officer Leases, Offices of Defense Cooperation, and School of Other Nations Program leases) participate in the Department of State Housing Pool and are not subject to the maximum lease amounts cited for foreign leases in Section 2828(e)(1) of title 10, United States Code. Clarification of Participation in Department of State Housing Pools is discussed in Section 2806 of title 10, United States Code.

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ARMY FAMILY HOUSING
FY 2001 BUDGET ESTIMATE
DEBT PAYMENT ACCOUNT

	($ in Thousands)
FY 2001 Budget Request	$1
FY 2000 Current Estimate	$3

PURPOSE AND SCOPE

This program includes payments of Servicemen's Mortgage Insurance Premiums to the Federal Housing Administration for mortgages assumed by active military personnel for housing purchased by them. The Army has no outstanding debt for Capehart or Wherry mortgages.

PROGRAM SUMMARY

Authorization is required for the appropriation of $1,000 in FY 2001.

JUSTIFICATION

This program provides for the payment of premiums due on mortgage insurance provided by the Federal Housing Administration for housing mortgages purchased by active duty military personnel. Also, it continues payments for cases where a service member dies while on active duty and leaves a surviving spouse as owner of the property. Payments extend for a period of two years after death, or until the spouse disposes of the property, whichever occurs first. The premium rate is 1/2 of 1 percent of the unpaid balance of the mortgage. This program was discontinued through Public Law 93-130 (Military Construction Appropriation Act, 1980) which allowed coverage only on existing mortgages obtained prior to FY 1980.

SERVICEMEN'S MORTGAGE INSURANCE PREMIUMS

FISCAL YEAR	ESTIMATED TERMINATIONS	NUMBER MORTGAGES WITH PAYMENTS	($) ESTIMATED AVERAGE PAYMENT	($000) ESTIMATED PAYMENT FOR YEAR
1998	0	7	400.00	3
1999	6	1	400.00	1
2000	0	1	400.00	1
2001	0	1	400.00	1

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FY 2001
Budget Estimate

Homeowners Assistance Fund, Defense

Justification Data Submitted to Congress
February 2000

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February 2000

HOMEOWNERS ASSISTANCE FUND, DEFENSE
FY 2001 BUDGET ESTIMATE
SUMMARY

	(In Thousands)
FY 2001 Program	$ -0-
FY 2000 Program	$ -0-

Program and Scope

This fund finances a program for providing assistance to homeowners by reducing their losses incident to the disposal of their homes when the military installations at or near where they are serving or employed are ordered to be closed or the scope of operations is reduced. It was established in recognition of the fact that base closure and reduction actions can have serious economic effects on local communities. Military, federal civilian personnel and Non-appropriated Fund employees, who are required to relocate as a result of or during such actions, frequently cannot dispose of their homes under reasonable terms and conditions, and suffer severe financial hardship.

In order to determine the effect of the closure or reduction action on local communities, a Market Impact Study (MIS) is performed. The MIS addresses real estate market and overall economic conditions relative to the closure or reduction action, and includes appraisals of area properties before and after the announcement. Factors in determining market impact include: a significant decline in real estate market value; significant increases in inventory of unsold houses, average number of days on the market; foreclosures; decrease in home sales; and inability of affected personnel to sell homes for the amount of the existing mortgage(s). If the MIS demonstrates sufficient impact on the market and establishes a causal relationship, a program is implemented. Eligible applicants may be reimbursed for certain losses resulting from the sale of their home.

Benefits under the program include payment of partial compensation for losses sustained in the private sale of the dwelling; payment of the costs of a judicial foreclosure of a mortgage; or purchase of a dwelling by liquidating or assuming the outstanding mortgage(s).

Although the program provides for acquisition of dwellings, the Government does so only for the accommodation of the applicant. The homes are then resold by the Government. Every effort is made to insure that each applicant is treated equally and receives the maximum benefits under the law as rapidly as practicable, but with a minimum expenditure of time and money for administration.

Program Summary

The FY 2001 budget requests authorization of appropriation and appropriation in the amount of $0.00 to fund Homeowners Assistance Fund program expenses. Total program approved requirements for the FY 2001 program are estimated at $29,323,000 and will be funded with revenue from sales of acquired properties, prior year unobligated balances and anticipated authority to transfer monies into the fund from the BRAC account. Any additional program requirements arising during the year will be presented to the applicable service for approval and transfer of appropriated funds to the account.

The Homeowners Assistance Fund, Defense (HOA) is a non-expiring revolving fund. As shown on the Program Financial Summary chart, the fund receives funding from several sources: appropriations, borrowing authority, reimbursable authority, prior fiscal year unobligated balances, appropriation transfers, revenue from sale of acquired properties, and recovery of prior year obligations. Program expenses include payments to homeowners for losses on private sales; cost of judicial foreclosure; property acquisition by liquidating and/or assuming outstanding mortgages; partial payment of homeowners' lost equity on government acquisitions; retirement of debt after sale of properties when the government assumes mortgages; and administrative expenses.

The fund is not a profit-making endeavor. Although the proceeds from the sale of homes are returned to the fund, this revenue does not totally replenish it nor totally fund projected requirements. Since the Homeowners Assistance Fund is not self-sustaining, appropriated funds or funds transferred from the BRAC account are required to maintain its solvency as a revolving fund.
The FY 2001 budget request is $0.00. The program may require transfer of additional funds from the BRAC account to fund the FY 2001 program requirements.

The chart below is a summary of the funding for the FY1999, FY2000, FY2001

PROGRAM FINANCIAL SUMMARY

HOMEOWNERS ASSISTANCE FUND, DEFENSE	ACTUAL FY 1999	FY 2000	FY 2001
PROGRAM RESOURCES			
New Appropriation/TOA Requested	0	0	0
Indefinite Borrowing Authority	0	0	0
Transfer To/From Other Account	7,200,000	5,000,000	4,064,000
Total Budget Authority Requested	7,200,000	5,000,000	4,064,000
REIMBURSABLE RESOURCES			
Reimbursable Authority	0	0	0
OTHER PROGRAM RESOURCES			
Prior FY Unoblig Bal Brought FWD	42,214,000	28,769,000	8,666,000
Unobligated Balance Transferred - TO / FROM	8,400,000	0	0
Anticipated Revenue from Sale of Real Property	46,197,000	30,013,000	25,225,000
Recovery of Prior Year Balances	6,708,000	0	0
TOTAL PROGRAM RESOURCES	110,719,000	63,782,000	37,955,000
PLANNED PROGRAM EXECUTION			
Payments to Homeowners	32,740,000	15,345,000	7,118,000
Other Operating Cost	15,826,000	13,821,000	11,832,000
Acquisition of Real Property	33,384,000	25,950,000	10,373,000
Mortgages Assumed	0	0	0
Retirement of Debt - Authority W/D	0	0	0
TOTAL PLANNED PROGRAM EXPENSE	81,950,000	55,116,000	29,323,000
ANTICIPATED EOY UNOBLIGATED :			
Unused - Mortgage Assumption Authority	0	0	0
Balance Carried Forward	28,769,000	8,666,000	8,632,000