Department of the Army

FY 1996/FY 1997 Biennial Budget Estimates

Military Construction, Family Housing and Homeowners Assistance

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Department of the Army

FY 1996/FY 1997 Biennial Budget Estimates

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FY 1996

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PART I: MILITARY CONSTRUCTION 1996

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DEPARTMENT OF THE ARMY
FISCAL YEAR 1996
MILITARY CONSTRUCTION (PART I)
(DOLLARS ARE IN THOUSANDS)
INSIDE THE UNITED STATES

STATE	PROJECT NUMBER	INSTALLATION (COMMAND) / PROJECT TITLE	AUTHORIZATION REQUEST	APPROPRIATION REQUEST	PAGE
Arizona		Fort Huachuca (TRADOC)			3
	40461	Whole Barracks Complex Renewal	16,000	16,000	5
		Subtotal Fort Huachuca PART I	$ 16,000	16,000	
		* TOTAL MCA FOR Arizona	$ 16,000	16,000	
California		Fort Irwin (FORSCOM)			11
	27588	Consolidated Maintenance Facility	15,500	15,500	13
		Subtotal Fort Irwin PART I	$ 15,500	15,500	
		Presidio of San Francisco (FORSCOM)			17
	44787	Regional Sewer System	3,000	3,000	19
		Subtotal Presidio of San Francisco PART I	$ 3,000	3,000	
		* TOTAL MCA FOR California	$ 18,500	18,500	
Colorado		Fort Carson (FORSCOM)			23
	41749	Sewage Treatment Plant	9,100	9,100	25
	44699	Sanitary Sewer System	1,750	1,750	29
		Subtotal Fort Carson PART I	$ 10,850	10,850	
		* TOTAL MCA FOR Colorado	$ 10,850	10,850	
District of Columb		Fort McNair (MDW)			35
	35062	National Defense University Facility	8,000	8,000	37
	42594	Whole Barracks Complex Renewal	5,500	5,500	41
		Subtotal Fort McNair PART I	$ 13,500	13,500	
		* TOTAL MCA FOR District of Columbia	$ 13,500	13,500	

DEPARTMENT OF THE ARMY
FISCAL YEAR 1996
MILITARY CONSTRUCTION (PART I)
(DOLLARS ARE IN THOUSANDS)
INSIDE THE UNITED STATES

STATE	PROJECT NUMBER	INSTALLATION (COMMAND) / PROJECT TITLE	AUTHORIZATION REQUEST	APPROPRIATION REQUEST	PAGE
Georgia		Fort Benning (TRADOC)			47
	25817	Close Combat Tactical Trainer Building	4,900	4,900	49
	35309	Whole Barracks Complex Renewal	33,000	33,000	52
		Subtotal Fort Benning PART I	$ 37,900	37,900	
		Fort Gordon (TRADOC)			55
	40800	Battalion Headquarters	3,150	3,150	57
	40807	General Purpose Warehouse	2,600	2,600	60
		Subtotal Fort Gordon PART I	$ 5,750	5,750	
		Fort Stewart (FORSCOM)			63
	39156	Deployment Staging Area	8,400	8,400	65
		Subtotal Fort Stewart PART I	$ 8,400	8,400	
		* TOTAL MCA FOR Georgia	$ 52,050	52,050	
Kentucky		Fort Knox (TRADOC)			71
	40592	Close Combat Tactical Trainer Building	5,600	5,600	73
		Subtotal Fort Knox PART I	$ 5,600	5,600	
		* TOTAL MCA FOR Kentucky	$ 5,600	5,600	
New York		Watervliet Arsenal (AMC)			79
	13052	Oil Runoff Containment Facility	680	680	81
		Subtotal Watervliet Arsenal PART I	$ 680	680	
		* TOTAL MCA FOR New York	$ 680	680	

DEPARTMENT OF THE ARMY
FISCAL YEAR 1996
MILITARY CONSTRUCTION (PART I)
(DOLLARS ARE IN THOUSANDS)
INSIDE THE UNITED STATES

STATE	PROJECT NUMBER	INSTALLATION (COMMAND) / PROJECT TITLE	AUTHORIZATION REQUEST	APPROPRIATION REQUEST	PAGE
North Carolina		Fort Bragg (FORSCOM)			87
	40871	Staging Area Complex	11,200	11,200	89
	41160	Whole Barracks Complex Renewal	18,500	18,500	93
		Subtotal Fort Bragg PART I	$ 29,700	29,700	
		* TOTAL MCA FOR North Carolina	$ 29,700	29,700	
Oklahoma		Fort Sill (TRADOC)			99
	39263	Central Vehicle Wash Facility	6,300	6,300	101
		Subtotal Fort Sill PART I	$ 6,300	6,300	
		* TOTAL MCA FOR Oklahoma	$ 6,300	6,300	
South Carolina		Charleston Naval Weapons Sta (AMC)			107
	43561	Wharf Additions	9,200	9,200	109
	44364	Army Strategic Maintenance Complex Ph II	16,500	16,500	112
		Subtotal Charleston Naval Weapons Sta PART I	$ 25,700	25,700	
		Fort Jackson (TRADOC)			117
	34551	Whole Barracks Complex Renewal	32,000	32,000	119
		Subtotal Fort Jackson PART I	$ 32,000	32,000	
		* TOTAL MCA FOR South Carolina	$ 57,700	57,700	
Texas		Fort Bliss (TRADOC)			125
	36102	Whole Barracks Complex Renewal	48,000	48,000	127
		Subtotal Fort Bliss PART I	$ 48,000	48,000	
		Fort Hood (FORSCOM)			131
	22612	Whole Barracks Complex Renewal	17,500	17,500	133
		Subtotal Fort Hood PART I	$ 17,500	17,500	
		* TOTAL MCA FOR Texas	$ 65,500	65,500	

DEPARTMENT OF THE ARMY
FISCAL YEAR 1996
MILITARY CONSTRUCTION (PART I)
(DOLLARS ARE IN THOUSANDS)
INSIDE THE UNITED STATES

STATE	PROJECT NUMBER	INSTALLATION (COMMAND) / PROJECT TITLE	AUTHORIZATION REQUEST	APPROPRIATION REQUEST	PAGE
Virginia		Fort Eustis (TRADOC)			139
	15962	Deployment Training Facility	5,400	5,400	141
		Subtotal Fort Eustis PART I	$ 5,400	5,400	
		Fort Myer (MDW)			145
	44486	Army Museum Land Acquisition	17,000	17,000	147
		Subtotal Fort Myer PART I	$ 17,000	17,000	
		* TOTAL MCA FOR Virginia	$ 22,400	22,400	
Washington		Fort Lewis (FORSCOM)			153
	19280	Tactical Equipment Shop	15,000	15,000	155
	43326	Multi-Purpose Training Range-Yakima	8,500	8,500	158
	43339	Rail Spur & Tank Trails-Yakima	3,200	3,200	161
	43496	Consolidated Fuel Station	3,400	3,400	164
	44164	Tank Trail Erosion Mitigation-Yakima	2,000	2,000	167
		Subtotal Fort Lewis PART I	$ 32,100	32,100	
		* TOTAL MCA FOR Washington	$ 32,100	32,100	
		** TOTAL INSIDE THE UNITED STATES FOR MCA	$ 330,880	330,880	

DEPARTMENT OF THE ARMY
FISCAL YEAR 1996
MILITARY CONSTRUCTION (PART I)
(DOLLARS ARE IN THOUSANDS)
OUTSIDE THE UNITED STATES

STATE	PROJECT NUMBER	INSTALLATION (COMMAND) / PROJECT TITLE	AUTHORIZATION REQUEST	APPROPRIATION REQUEST	PAGE
Korea		Korea Various (EUSA)			173
		Eastern Corridor			
		Combined Field Army			
	44141	Whole Barracks Complex Renewal	6,800	6,800	175
		Eastern Corridor			
	44085	Dining Facility	4,150	4,150	178
	44086	Whole Barracks Complex Renewal	7,300	7,300	181
	44593	Whole Barracks Complex Renewal	6,200	6,200	184
		Western Corridor			
	44143	Whole Barracks Complex Renewal	5,600	5,600	187
		Subtotal Korea Various PART I	$ 30,050	30,050	
		* TOTAL MCA FOR Korea	$ 30,050	30,050	
Overseas Various		Classified Location (FORVAR)			193
		Classified Location			
	42608	Strategic Logistical Prepo Complex Ph I	48,000	48,000	195
		Subtotal Classified Location PART I	$ 48,000	48,000	
		* TOTAL MCA FOR Overseas Various	$ 48,000	48,000	
** TOTAL OUTSIDE THE UNITED STATES FOR MCA			$ 78,050	78,050	

DEPARTMENT OF THE ARMY
FISCAL YEAR 1996
MILITARY CONSTRUCTION (PART I)
(DOLLARS ARE IN THOUSANDS)
WORLDWIDE

STATE	PROJECT NUMBER	INSTALLATION (COMMAND) / PROJECT TITLE	AUTHORIZATION REQUEST	APPROPRIATION REQUEST	PAGE
Worldwide Various		Worldwide Various Locations (WORLDWD)			201
	45246	Classified Project	1,900	1,900	203
		Subtotal Worldwide Various Locations PART I	$ 1,900	1,900	
		Minor Construction (MINEXG)			205
	30427	Unspecified Minor Construction	9,000	9,000	207
		Subtotal Minor Construction PART I	$ 9,000	9,000	
		Planning and Design (PLANDES)			209
	28533	Host Nation Support	20,000	20,000	211
	34127	Planning and Design	32,894	32,894	213
		Subtotal Planning and Design PART I	$ 52,894	52,894	
		* TOTAL MCA FOR Worldwide Various	$ 63,794	63,794	
** TOTAL WORLDWIDE FOR MCA			$ 63,794	63,794	
MILITARY CONSTRUCTION (PART I) TOTAL			$ 472,724	472,724	

FY 96 MCA Construction Projects

State	Location	Project	Cost ($000)	New/ Current
Inside The United States				
Arizona	Fort Huachuca	Whole Barracks Complex Renewal	16,000	C
California	Fort Irwin	Consolidated Maintenance Facility	15,500	C
California	Presidio of San Francisco	Regional Sewer System	3,000	C
Colorado	Fort Carson	Sewage Treatment Plant	9,100	C
Colorado	Fort Carson	Sanitary Sewer System	1,750	C
District of Columbia	Fort McNair	National Defense University Facility	8,000	C
District of Columbia	Fort McNair	Whole Barracks Complex Renewal	5,500	C
Georgia	Fort Benning	Close Combat Tactical Trainer Building	4,900	N
Georgia	Fort Benning	Whole Barracks Complex Renewal	33,000	C
Georgia	Fort Gordon	Battalion Headquarters	3,150	C
Georgia	Fort Gordon	General Purpose Warehouse	2,600	C
Georgia	Fort Stewart	Deployment Staging Area	8,400	C
Kentucky	Fort Knox	Close Combat Tactical Trainer Building	5,600	N
New York	Watervliet Arsenal	Oil Runoff Containment Facility	680	C
North Carolina	Fort Bragg	Staging Area Complex	11,200	C
North Carolina	Fort Bragg	Whole Barracks Complex Renewal	18,500	C
Oklahoma	Fort Sill	Central Vehicle Wash Facility	6,300	C
South Carolina	Charleston Naval Weapons Sta	Wharf Additions	9,200	N
South Carolina	Charleston Naval Weapons Sta	Army Strategic Maintenance Complex Ph II	16,500	N
South Carolina	Fort Jackson	Whole Barracks Complex Renewal	32,000	C
Texas	Fort Bliss	Whole Barracks Complex Renewal	48,000	C
Texas	Fort Hood	Whole Barracks Complex Renewal	17,500	C
Virginia	Fort Eustis	Deployment Training Facility	5,400	C
Virginia	Fort Myer	Army Museum Land Acquisition	17,000	N
Washington	Fort Lewis	Tactical Equipment Shop	15,000	N
Washington	Fort Lewis	Multi-Purpose Training Range-Yakima	8,500	N
Washington	Fort Lewis	Rail Spur & Tank Trails-Yakima	3,200	N
Washington	Fort Lewis	Consolidated Fuel Station	3,400	C
Washington	Fort Lewis	Tank Trail Erosion Mitigation-Yakima	2,000	N
Outside The United States				
Korea	Combined Field Army	Whole Barracks Complex Renewal	6,800	C
Korea	Eastern Corridor	Dining Facility	4,150	C
Korea	Eastern Corridor	Whole Barracks Complex Renewal	7,300	C
Korea	Eastern Corridor	Whole Barracks Complex Renewal	6,200	C
Korea	Western Corridor	Whole Barracks Complex Renewal	5,600	C
Overseas Various	Classified Location	Strategic Logistical Prepo Complex Ph I	48,000	N
Worldwide Various				
Worldwide Various	Minor Construction	Unspecified Minor Construction	9,000	
Worldwide Various	Planning and Design	Host Nation Support	20,000	
Worldwide Various	Planning and Design	Planning and Design	32,894	
Worldwide Various	Worldwide Various Locations	Classified Project	1,900	

Total Cost of New Mission projects	(10)	$	129,900
Total Cost of Current Mission projects	(25)	$	279,030
Total Cost of other line items	(4)	$	63,794
Total Cost of FY 96 MCA Projects	(39)	$	472,724

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DEPARTMENT OF THE ARMY
MILITARY CONSTRUCTION (PART I) FY 1996

INSTALLATION LIST

INSTALLATION	MACOM	1390 PAGE
B		
Fort Benning	TRADOC	47
Fort Bliss	TRADOC	125
Fort Bragg	FORSCOM	87
C		
Fort Carson	FORSCOM	23
Charleston Naval Weapons Sta	AMC	107
Classified Location	FORVAR	193
E		
Fort Eustis	TRADOC	139
G		
Fort Gordon	TRADOC	55
H		
Fort Hood	FORSCOM	131
Fort Huachuca	TRADOC	3
I		
Fort Irwin	FORSCOM	11
J		
Fort Jackson	TRADOC	117

DEPARTMENT OF THE ARMY
MILITARY CONSTRUCTION (PART I) FY 1996

INSTALLATION LIST

INSTALLATION	MACOM	1390 PAGE
K		
Fort Knox	TRADOC	71
Korea Various	EUSA	173
L		
Fort Lewis	FORSCOM	153
M		
Fort McNair	MDW	35
Minor Construction	MINEXG	205
Fort Myer	MDW	145
P		
Planning and Design	PLANDES	209
Presidio of San Francisco	FORSCOM	17
S		
Fort Sill	TRADOC	99
Fort Stewart	FORSCOM	63
W		
Watervliet Arsenal	AMC	79
Worldwide Various Locations	WORLDWD	201

DEPARTMENT OF THE ARMY

MILITARY CONSTRUCTION (PART I) FY 1996

COMMAND SUMMARY

MAJOR ARMY COMMAND NAME	AUTHORIZATION REQUEST	APPROPRIATION REQUEST
INSIDE THE UNITED STATES		
US Army Materiel Command	26,380	26,380
US Army Forces Command	117,050	117,050
Various US Army Major Commands-Worldwide	17,000	17,000
US Army Military District of Washington	13,500	13,500
US Army Training and Doctrine Command	156,950	156,950
OUTSIDE THE UNITED STATES		
Eighth United States Army	30,050	30,050
Various US Army Major Commands-Foreign	48,000	48,000
WORLDWIDE		
Military Construction, Army-Minor	9,000	9,000
Planning and Design	52,894	52,894
Ass't Chief of Staff For Installation Mgmt	1,900	1,900
TOTAL	472,724	472,724

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DEPARTMENT OF DEFENSE
MILITARY CONSTRUCTION, ARMY

The military construction program for the active Army in terms of budget plans shown in the schedules of this title are summarized in the following tabulation:

FISCAL YEAR	MILITARY CONSTRUCTION, ARMY BUDGET PLAN
FY 1994	$ 891,759,000
FY 1995	550,476,000
FY 1996 (Request)	$ 472,724,000
FY 1997 (Request)	492,082,000

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 Family. 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 1995.

This request funds the Army's most critical facilities needs within the context of changing force structure and fiscal constraints. The Army's facilities strategy is to:

Focus the Investment
Reduce Facility Inventory
Maintain the Inventory

The focus of investment is on revitalization of facilities at installations which remain after base closure actions. In the current year, investment is primarily directed toward facilities to improve Strategic Mobility, troop housing, and environmental and safety requirements.

2. 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.

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

4. Supporting Activities. Provides for the Defense Access Road Program.

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 [$550,476,000] $472,724,000, to remain available until September 30, [1999] *2000: Provided,* That of this amount, not to exceed [$66,126,000] *$52,894,000* shall be available for study, planning, design, architect and engineer services, 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.

10 USC 2675, 2802-05, 2807, 2828, 2851-54, 2857; Military Construction Appropriations Act, 1995; additional authorizing legislation to be proposed.

Program and Financing (in Thousands of dollars)

Identification code 21-2050-0-1-051		Budget Plan (amounts for MILITARY CONSTRUCTION actions programed)			
		1994 actual	1995 est.	1996 est.	1997 est.
	Program by activities:				
	Direct program:				
00.0101	Major construction	770,318	472,350	410,830	402,700
00.0201	Minor construction	12,000	12,000	9,000	5,000
00.0301	Planning	109,441	66,126	52,894	84,382
00.0401	Supporting activities				
00.9101	Total direct program	891,759	550,476	472,724	492,082
01.0101	Reimbursable program	1,954,943	1,800,000	1,800,000	1,800,000
10.0001	Total	2,846,702	2,350,476	2,272,724	2,292,082
	Financing:				
	Offsetting collections from:				
11.0001	Federal funds(-)	-1,885,766	-1,550,000	-1,550,000	-1,550,000
13.0001	Trust funds(-)	-69,177	-250,000	-250,000	-250,000
17.0001	Recovery of prior year obligations				
	Unobligated balance available, start of year:				
21.4002	For completion of prior year budget plans	-13,900	-1,685		
21.4003	Available to finance new budget plans	-35,160			
21.4009	Reprograming from/to prior year budget plans	-6,000			
22.0001	Unobligated balance transferred to other accounts				
	Unobligated balance available, end of year:				
24.4002	For completion of prior year budget plans	1,685			
24.4003	Available to finance subsequent year budget plans	32,073			
25.0001	Unobligated balance expiring				
39.0001	Budget authority	870,457	548,791	472,724	492,082
	Budget authority:				
40.0001	Appropriation	870,457	550,476	472,724	492,082
40.7903	Reduction pursuant to P.L. 103-307 (-)		-1,685		
43.0001	Appropriation (adjusted)	870,457	548,791	472,724	492,082
	Relation of obligations to outlays:				
71.0001	Obligations incurred				
72.1001	Receivables from other government accts. SOY				
72.4001	Obligated balance, start of year				
74.1001	Receivables from other government accts, EOY				
74.4001	Obligated balance, end of year				
77.0001	Adjustments in expired accounts (net)				
78.0001	Adjustments in unexpired accounts				
90.0001	Outlays (net)				

Military Construction, Army
Program and Financing (in Thousands of dollars)

Identification code 21-2050-0-1-051	1994 actual	1995 est.	1996 est.	1997 est.
	Obligations			
Program by activities:				
Direct program:				
00.0101 Major construction	846,443	629,051	495,842	456,607
00.0201 Minor construction	14,271	11,576	9,512	5,120
00.0301 Planning	110,759	70,457	55,415	84,660
00.0401 Supporting activities	9,392			
00.9101 Total direct program	980,865	711,084	560,769	546,387
01.0101 Reimbursable program	2,017,154	1,800,000	1,800,000	1,800,000
10.0001 Total	2,998,019	2,511,084	2,360,769	2,346,387
Financing:				
Offsetting collections from:				
11.0001 Federal funds(-)	-1,884,304	-1,550,000	-1,550,000	-1,550,000
13.0001 Trust funds(-)	-11,303	-250,000	-250,000	-250,000
17.0001 Recovery of prior year obligations	-136,353			
Unobligated balance available, start of year:				
21.4002 For completion of prior year budget plans	-631,716	-522,256	-361,648	-273,603
21.4003 Available to finance new budget plans	-13,900	-1,685		
21.4009 Reprograming from/to prior year budget plans				
22.0001 Unobligated balance transferred to other accounts	-6,000			
Unobligated balance available, end of year:				
24.4002 For completion of prior year budget plans	522,256	361,648	273,603	219,298
24.4003 Available to finance subsequent year budget plans	1,685			
25.0001 Unobligated balance expiring	32,073			
39.0001 Budget authority	870,457	548,791	472,724	492,082
Budget authority:				
40.0001 Appropriation	870,457	550,476	472,724	492,082
40.7903 Reduction pursuant to P.L. 103-307 (-)		-1,685		
43.0001 Appropriation (adjusted)	870,457	548,791	472,724	492,082
Relation of obligations to outlays:				
71.0001 Obligations incurred	1,102,412	711,084	560,769	546,387
72.1001 Receivables from other government accts. SOY	-215,585	-302,204		
72.4001 Obligated balance, start of year	823,186	1,202,229	892,726	831,591
74.1001 Receivables from other government accts, EOY	302,204			
74.4001 Obligated balance, end of year	-1,202,229	-892,726	-831,591	-808,286
77.0001 Adjustments in expired accounts (net)	5,165			
78.0001 Adjustments in unexpired accounts	-136,353			
90.0001 Outlays (net)	678,800	718,383	621,904	569,692

Military Construction, Army
Object Classification (in Thousands of dollars)

Identification code 21-2050-0-1-051		1994 actual	1995 est.	1996 est.	1997 est.
	Direct obligations:				
	Personnel compensation:				
111.101	Full-time permanent	47,307	53,517	55,659	56,337
111.301	Other than full-time permanent	1,618	2,698	2,929	2,902
111.501	Other personnel compensation	815	914	970	977
111.901	Total personnel compensation	49,740	57,129	59,558	60,216
112.101	Personnel Benefits: Civilian personnel	9,309	12,027	12,495	12,627
121.001	Travel and transportation of persons	3,390	1,984	1,522	2,189
122.001	Transportation of things	72	58	42	65
123.301	Communications, utilities, and miscellaneous charges	256	177	135	203
124.001	Printing and reproduction	405	237	181	273
	Other services with the private sector				
125.203	Contracts with the private sector	137,624	85,245	65,397	93,945
	Purchases goods/services (inter/intra) Fed accounts				
125.302	Payments to foreign national indirect hire personnel	5,158	33	25	42
126.001	Supplies and materials	193	287	219	330
131.001	Equipment	79	70	68	75
132.001	Land and structures	765,246	553,837	421,127	376,422
199.001	Total Direct obligations	971,472	711,084	560,769	546,387
	Reimbursable obligations:				
	Personnel Compensation:				
211.101	Full-time permanent	177,757	166,023	169,926	168,753
211.301	Other than full-time permanent	8,203	15,224	15,785	15,878
211.501	Other personnel compensation	4,189	4,217	4,309	4,309
211.901	Total personnel compensation	190,149	185,464	190,020	188,940
212.101	Personnel Benefits: Civilian Personnel	36,739	35,446	36,234	35,958
221.001	Travel and transportation of persons	10,937	9,900	9,900	9,900
222.001	Transportation of things	665	2,700	2,700	2,700
223.301	Communications, utilities, and miscellaneous charges	82,569	61,812	58,620	58,620
224.001	Printing and reproduction	913	1,080	1,080	1,080
	Other services with the private sector				
225.204	Other charges with the private sector	710,132	591,300	591,000	591,000
	Purchases goods/services (inter/intra) Fed accounts				
225.302	Payments to foreign national indirect hire personnel	456	3,036	3,036	3,036
231.001	Equipment	18,876	31,140	31,140	31,109
232.001	Land and structures	965,718	878,122	876,270	877,657

Military Construction, Army
Object Classification (in Thousands of dollars)

Identification code 21-2050-0-1-051	1994 actual	1995 est.	1996 est.	1997 est.
299.001 Total Reimbursable obligations	2,017,154	1,800,000	1,800,000	1,800,000
Allocation Accounts				
332.001 Land and structures	9,393			
399.001 Total Allocation Accounts	9,393			
999.901 Total obligations	2,998,019	2,511,084	2,360,769	2,346,387

Special Program Considerations
Fiscal Year 1996

SECTION I

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.

Resolution Trust Corporation Real Estate Assets

In accordance with guidance contained in Senate Report 101-384, page 282, the Army has screened the fiscal year 1996 and 1997 construction requirements against the Resolution Trust Corporation's (RTC) Real Estate Asset Inventory. The screening process included Military Construction, Army (MCA), Army Family Housing (AFH), and Base Closure Account (BCA) construction programs. None of the properties listed in the RTC assets inventory will meet the facility or housing needs of the Army at this time. The Army will continue to monitor the RTC inventory of assets in the future to determine if our facility needs can be economically met by the purchase of RTC assets.

Use of NATO Infrastructure Funds

The Conference Appropriation Committee Report No. 102-236, p.8, states that the Committees endorse the use of NATO Infrastructure funding for eligible projects in the U.S. NATO has adopted a new strategic concept which emphasizes mobility and reinforcement of forces from member nations. The U.S. has identified CONUS embarkation facilities to seek possible NATO funding at Forts Hood, TX, Riley, KS, and Benning, GA; and Military Ocean Terminals Bayonne, NJ, and Sunny Point, NC. Facilities requirements have been included in Infrastructure Capability Packages (ICP) which link military requirements with force goals. The ICPs were sent to Supreme Headquarters, Allied Powers, Europe (SHAPE), but to date, SHAPE has not forwarded any of these ICPs to NATO for consideration. NATO's bureaucratic process for getting an initiative approved is long and involved, and an eventual successful outcome is in doubt.

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 budget requests include an eligibility certificate for each project requested in Europe, Japan, and Korea. All overseas projects are considered for funding in Europe by NATO Infrastructure, 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. There are no projects in Europe or Japan in this budget request for fiscal years 1996 or 1997 Military Construction Appropriations. There are $30 million in whole barracks renewal projects in Korea in both fiscal years 1996 and 1997. The Korean Host Nation programs are continuing to fund some operational and quality of life projects each year. The Korean Host Nation Construction programs are not large enough to furnish sufficient funds to support the long term barracks requirements.

Construction and Basing Plans for New Major Army Weapon Systems

Section 2828 of Public Law 102-190, the FY92 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 FY96/97 Budget. Therefore, no siting plans are required.

Items of Interest - Authorizing Committees

House Report #103-499

Base Maintenance and Repair

On page 291, the committee encouraged the services to establish an appropriate level of funding in the out-year programs to reduce the backlog of maintenance and repair. The Army has an established program for the determination of the Backlog of Maintenance and Repair (BMAR) resulting from the amount of resources available in the fiscal year for execution of real property maintenance (RPM) type projects. The fiscal year 1996 and subsequent fiscal years resources were significantly increased by recent OSD decisions which stabilized BMAR growth. From an initial funding level in fiscal year 1996 of 41% of requirements the level of funding is now at 70% of requirements.

Family Housing Construction Alternatives

On page 303, the Committee encouraged the Services to explore less costly, innovative housing proposals and to review use of manufactured housing in lieu of on-site construction. The Army's new and replacement family housing is based on the "TURNKEY" contracting method which not only saves design costs, but permits contractors to construct Army housing based on local (existing) designs. Also, for ten years, the Army has specifically included the use of manufactured housing as an acceptable option for construction.

Phased Renovation with O&M Dollars

On page 303, the Committee expressed concern that renovation work was improperly included in Operation & Maintenance accounts and directed the services to indicate a major phased renovation project through a detailed summary description in the first year of the request. Therefore, repair projects forwarded to the Congress as part of the O&M budget request will include in the justification material assurance that the project is Repair, especially those projects which are being phased.

Repair and Maintenance

On page 304, the Committee recommended the execution of a $4,250,000 asbestos abatement project at Aberdeen Proving Ground. However, only $2,000,000 was appropriated for this project (Reference: Conference Defense Appropriations Report #103-747, page 50). $2,000,000 was provided to the Army Materiel Command for the asbestos abatement project to be awarded for contract execution in fiscal year 1995.

Fort Bragg, North Carolina, Library, PN 20735
On page 305, the Committee included language in PL 103-337, section 2105, authorizing the subject project for $5,500,000. Authorizing language was included in the FY95 National Defense Authorization Act to match a fiscal year 1994 Military Construction, Army (MCA), appropriation for a similar amount. Together, this will permit award of the project, which is scheduled during the latter part of fiscal year 1995.

Senate Report #103-282

Barracks Renewal, Fort Knox, Kentucky (PN 3091)
On page 245 the committee urged the Army to build the subject fiscal year 1994 project, which was approved by Congress at $25,000,000, at the full scope and in accordance with the revised barracks standards. In May 1994, the Army awarded the project (designed to the revised standards) at a cost of $26,939,000, using almost all of the Army's $2,000,000 reprogramming flexibility. This cost should cover the full authorized scope of the project.

Cedar Creek Tank Range, Fort Knox, Kentucky (PN 22332)
On page 246, the committee stated the cost of the subject fiscal year 1994 project had increased to $750,000 over the Congressionally approved amount of $4,150,000. The committee urged the Army to use its reprogramming authority to accommodate this cost growth. In May 1994, the Army awarded the project at a cost of $4,452,000, using part of the Army's reprogramming authority. The contract included all of the authorized firing lanes and targets so the range will function as intended. The unawarded contract items were only for sitework improvements which would have resulted in lower maintenance costs. The Army did not believe the estimated maintenance savings justified the additional capital expenditure.

Conference Report #103-701

Highway Safety at Hawthorne Army Ammunition Plant, Nevada (section 2107)
The conferees included a provision (Section 2107 of Public Law 103-337) directing the Army to conduct a traffic safety study for the rail and truck crossing at U.S. Highway 95

(US 95) at Hawthorne Army Depot. Military Traffic Management Command (MTMC) is conducting an analysis of the traffic requirements and the study will be submitted to the Congress in fiscal year 1995.

Replacement of Destroyed Facility, Fort Gordon, Georgia, (PN 43995)
On page 779 and in the FY95 MILCON Appropriations Conference Report #103-624, page 7, the conferees directed the Army to reprogram funds, pursuant to 10 USC 2854, for replacement of a vehicle maintenance facility destroyed by fire. Because of recent MCA general reductions approved by Congress, the Army's reprogramming capability has been severely restricted. Therefore, this project could best be funded by including it in a future budget request. To this end, the project was released for design in January 1995.

Planning & Design Authorizations

Fort Benning, Georgia, Consolidated Maintenance Facility, PN 13532. On page 788 and in the fiscal year 1995 SASC Report 103-282, page 245, the conferees stated that $1,000,000 had been made available to the MCA Planning and Design authorization to design the subject project. The Army released the project for design in January 1995.

Tobyhanna Army Depot, Pennsylvania, Industrial Operations Facility, PN 99. On page 788, the conferees stated that $1,200,000 had been made available to the MCA Planning and Design authorization to design the subject project, which Congress added to the fiscal year 1995 MCA program at $17,000,000. The Army released this project for design in August 1994.

Land Conveyance, Cornhusker AAP, Hall County, Nebraska
On page 794, the conferees approved language (PL 103-307, Sec 2836) to authorize the Army to transfer the Cornhusker Army Ammunition (AAP) plant to Hall County, Nebraska, at fair market value after the property meets the requirements of Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). The Army is prepared to release parcels of land at Cornhusker AAP as they are approved by EPA. A Statement of Condition is expected to be completed and approved in the Autumn of 1995 allowing transfer of approximately 2,000 acres during early 1996. Records of Decision are expected to be completed within the next two years which will determine the extent of contamination of the remaining property. The Army will then be in a position to decide when additional lands may be available for lease or disposal.

Land Transfer, Fort Devens Massachusetts (sec. 2846)
On page 796, the conferees authorized the transfer of 800 acres of land for inclusion in the Oxbow National Wildlife Refuge. Appropriate consultations with local communities and

the Massachusetts Land Bank will be made upon completion of the survey by the US Fish and Wildlife Service. Disposal of excess property will begin as soon as possible after the record of decision which is expected in April 1995.

Items of Interest - MILCON Appropriations Committees

House Report #103-516

Arkansas Pine Bluff Arsenal - Ammunition Demilitarization Facility (Phase I)
On page 4, the committee stated that it understood that the total project cost for this facility was to be $97 million, and expected the balance of the funding to be part of the fiscal year 1996 budget request. The project cost is now $115M due to the inclusion of carbon filters and the change in Area Cost Factors. The project is now incrementally funded in the Military Construciton, Defense-wide appropriation as follows: $3M in FY95, $40M in FY96, and $72M in FY97.

Kentucky-Fort Campbell: Tactical Equipment Shop (PN 18636)
On page 4 the commitee directed the Army to include the subject project in its fiscal year 1996 budget request. Congress added $8,000,000 for Phase I of this project to the fiscal year 1995 MCA program. Although Phase I will provide a complete and usable facility, the Army plans to include Phase II of this project (currest estimated cost $8,400,000) in a budget request between fiscal years 1998 and 2001. Accordingly, design was initiated in November 1994 on both phases because the Army would have incurred additional cost and coordination problems if both phases were designed separately.

Kentucky-Fort Campbell: Aircraft Maintenance Hangar (PN 18631)
On page 4 the committee directed the Army to include the subject project in its fiscal year 1996 budget request. Although the project is not included in this budget request, the Army plans to include it in a budget request between fiscal years 1998 and 2001.

North Carolina-Fort Bragg: Overhills Land Acquisition (PN 41437)
On page 5, the committee urged the Army to expedite the acquisition of the subject 11,000 acre tract, for which Congress appropriated $15,000,000. To this end, the Army is actively pursuing completion of four required studies: Land Use Requirements Study, Analysis of Alternate Sites, Real Estate Planning Report, and environmental documentation. Concurrently, the Army is also addressing Senate concerns about the intended use of the property. Despite making every effort to expedite the process, acquisition is not forecast until fiscal year 1996 because of the complex statutory and regulatory procedures for acquiring a property of this size.

Texas-Fort Bliss: Entomology Facility

On page 5, the committee recommended that the Army provide an entomology facility utilizing Unspecified Minor Military Construction, Army (UMMCA) or operations & maintenance (O&M) funds. Fort Bliss is designing a facility that will be awarded using O&M funds. The project is approximately 35% designed and is expected to be awarded by the installation this fiscal year.

Texas-Fort Bliss: Whole Barracks Renewal Projects

On page 5, the Committee directed the Army to accelerate and request fiscal year 1996 funds for barracks renewal projects at Fort Bliss. The barracks renewal program at Fort Bliss has included two projects in fiscal year 1992 and two projects in fiscal year 1993 (a total of $47.1 million) to modernize 1,237 barracks spaces. The Army has budgeted $48 million in fiscal year 1996 to construct an additional 672 barracks spaces.

Military Pavements Study

On page 6, the committee directed the Army to study the application of new materials for military pavements. The Committee stated that $2,500,000 could be used from Military Construction, Army (MCA), Planning & Design funds for initial funding of the study. The initial study is to be submitted to the Committee by 31 December 1995 with an annual report for the ensuing two years. The Army initiated a commercial market survey in November 1994 to solicit information on new pavement modifiers and additives which could enhance the performance of military pavements. The Army is making progress on the study and will report to the Committee according to the schedule established in the committee report.

Family Housing Operations and Maintenance

On page 11, the Committee directed that expenditures for non-general and flag officers (non-GFOQ's) which exceed $15,000 for major maintenance and repair per dwelling unit per fiscal year will be included as part of the justification material. These expenditures are currently included as separate budget items in the justification material.

Family Housing Space Limitations

On page 12, the Committee directed the Department to cease requesting waivers of statutory space limitations. No such waiver is being requested in the fiscal year 1996-1997 Budget submission.

BRAC Construction Notification

On page 16, the Committee required notification 21 days prior to initiation of any project not programmed for construction in the fiscal year 1994 budget printed in the MILCON Appropriations for fiscal year 1995 hearing. This requirement has been complied with in the past and the Department will continue to report as required.

Senate Report #103-312

Fort Meade, Md

On page 11, the Committee directed the Army to submit a report on the revitalization of the Army Intelligence Command complex at Fort Meade and to request construction funds in fiscal year 1996 for renovation. A study to examine and cost the HVAC and utility systems, and provide handicap access to the three existing buildings will be provided to the Committee in May 1995. This project has been deferred beyond fiscal years 1996 and 1997 due to other Army priorities and severe budget constraints.

Walter Reed Army Institute Of Research

On page 11, the committee directed that DoD should award a contract at the earliest possible time. Phase I ($7.0M - sitework) was awarded in November 1994. Phase II ($119M - vertical construction) is at 100% design, and will be awarded in fiscal year 1995, with an expected beneficial occupancy date of 14 Nov 98.

Chemical Agent And Munitions Destruction Facilities

On page 11-12, the committee directed that all future construction requests for Chem Demil facilities be submitted in the Defense-wide account. OSD will request projects in MILCON, Defense-wide, and the Army will continue to be the Executive Agent for the program.

Oahu Family Housing

On page 15, the Committee expected all housing operated and maintained by Oahu Consolidated Family Housing Office (OCFHO) to remain in service with none closed as a result of the Department's plan, and that the deficit reduction plan identified in the Oahu FB master plan will be continued. The Army does not plan to close any housing formerly operated by OCFHO. Revitalization and/or replacement of existing housing units continue to be planned and programmed. Deficit reduction will continue as required within funding limits.

Conference Report #103-624

Demolition of Unused Facilities

On page 6, (and also in the Senate Armed Services Report #103-282, page 245) the conferees directed the services to give serious attention to establishing a demolition account in the Military Construction appropriations, rather than using Operations and Maintenance funds.

In response to the military drawdown, the Army initiated a facilities disposal program in fiscal year 1992. The source of funds for this program is Operations & Maintenance, Army (OMA) and, through mid-fiscal year 1994, the Army had spent more than $100 million on disposal of excess facilities. An annual OMA funding stream of $20 million has been set aside for this initiative through fiscal year 2001. This program is supplemented by military construction (MILCON) appropriations which fund demolition related to specific projects under the "One-for-One" (one square foot demolished for one square foot of construction) concept. In view of the success experienced with OMA funded demolition and the inclusion of demolition within MILCON projects, the Army has not budgeted a separate line item in the MILCON budget.

Demolition of family housing units is contained in the military construction budget in two areas. For replacement projects the cost for demolition is identified in the project justification (DD Form 1391) which is included in the budget submission. Demolition of excess family housing not included in a replacement project is accomplished using funds which are identified in the MILCON budget submission under the Army family housing operations & maintenance (AFHO - P1920) account.

General Reduction

On page 6, the conferees stated that a $40,000,000 general reduction to the fiscal year 1995 MCA program was approved to offset anticipated bid savings, overhead reductions, and cancellations due to force structure changes and cancellations due to the 1995 base realignment and closure decisions. The conferees indicated that no required fiscal year 1995 MCA projects should be cancelled to offset this reduction. At this time, the Army cannot determine whether sufficient savings will accrue during fiscal year 1995 to offset the reduction. From a budget execution standpoint, the deficit is presently being managed by temporarily borrowing from several MCA projects which are scheduled for award during fiscal year 1996. If the Army cannot generate sufficient offsets to eliminate the deficit, a deficiency appropriation may by required to prevent the cancellation of needed projects.

Base Realignment & Closure (BRAC) Construction Notifications

On page 6, the conferees required the Department to notify the committees 21 days prior to initiation of any BRAC project not programmed for construction in the fiscal

year 1995 budget justifications as printed in the MILCON Appropriations for 1995 House Hearings, Part 4. Additionally, the Department shall also notify the committees in a quarterly report, of any projects that are cancelled. In the same report, the Department shall include those projects for which costs, at the time of award, vary by 25 % from costs identified in budget justifications, page 6. The above requirements have been complied with in the past and the Department will continue to report as required.

Chemical Demilitarization

On page 7, the conferees directed that all future requests for Chem Demil facilities be submitted in the Defense-wide account. OSD will request projects in MILCON, Defense-wide, and the Army will continue to be the Executive Agent for the program.

Chemical Demilitarization Carbon Filtration Systems

On page 9, the conferees agreed to provide funding for carbon filtration systems at Anniston and Tooele, and directed that DOD request funding for all future Chem Demil facilities, to include Pine Bluff and Umatilla. The carbon filtration system costs have been integrated into all future Chem Demil facilities.

Amendment #32 (Woodbridge Land Transfer)

On page 15, the conferees directed the Army to transfer land at Woodbridge to the Department of Interior, Fish and Wildlife Service (FWS). The Army forwarded transfer documents to FWS in August 1994. Additional environmental studies were requested by FWS. An Environmental Assessment is being conducted for the transfer of the property and is expected to be completed by June 1995. Remediation for base clean-up is scheduled to be completed in 1997. Negotiations are on-going with FWS for the actual transfer. FWS is requesting that the Army remove six underground storage tanks and a 250 foot tower.

Items of Interest - Defense Appropriations Committees

Senate Report #103-321

Hawthorne Army Ammunition P lant

On page 53, the committee directed that the Army allocate not less than $7.5M from within funds approved for strategic mobility programs to initiate repair of the Hawthorne Army Ammunition Plant commercial rail network. The Hawthorne Army Ammunition Plant commercial rail network repair project is programmed in the fiscal year 1995 Army Strategic Mobility Program and funds will be allocated in the second quarter of fiscal year 1995.

Real Estate Administration

On page 54, the Committee provided $500,000 for design and planning activities to facilitate Hawaii Family Housing Deficit Reduction Program, with funds to be used to support the design of the Helemano Road project. This design is already approximately 60% complete with additional design dependent upon final roadway alignment. The new alignment requires negotiation with owner of adjacent farm land for an easement on which to build the road. Initial legal interpretation is that this $500,000 cannot be used to negotiate and provide compensation (including associated crop damage) for a new easement. Final legal determination is pending.

Conference Report #103-747

Army High Performance Computing Research Center

On page 51, the conferees directed that the Army High Performance Computing Research Center not be moved from its current location unless analyses, which consider the cost of relocating, indicate it is cost effective to do so. Following a competitive evaluation process, the incumbent contractor was selected to operate the Army High Performance Computing Research Center (AHPCRC). Consequently, the AHPCRC will not be moved from its current location.

Real Property Maintenance (RPM)

On page 64, the conferees set aside $140 million of RPM funds for the purpose of first reducing repair and maintenance backlogs and to apply remaining funds towards backlogs associated with barracks repair and maintenance. Of the total amount, $40 million has been specifically earmarked for the repair of high priority Unaccompanied Personnel Housing. Also, as directed by the conferees, $1.4 million of these resources have been issued for the Fort Bragg Waste Quality Compliance project. The instructions regarding the use of these funds were included in the Army's FY95 Funding Letters to the major commands (MACOMs).

SECTION II

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 in each budget request indicating construction to be accomplished with funds other than family housing and military construction. The information is provided in this section:

A. Procurement

B. Other Appropriations (Major Repair and 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)

C. Overseas Residual Value
   - Military Construction
   - Real Property Maintenance

A. Procurement

FY96 Procurement Appropriations

APPROPRIATION LOCATION	PROJECT TITLE	COST ESTIMATE ($000)
AMMO		
Iowa AAP, IA	Production, Support and Equip. Replacement	963
Lake City AAP, MO	Production Support and Equip. Replacement	1,347
	Rehabilitate Steam Distr. Area	988
		2,335
Holston AAP, TN	Production, Support and Equip. Replacement	1,676
	Industrial Wastewater Treatment Plant Corrections	3,303
		4,979
Milan AAP, TN	Production, Support and Equip. Replacement	1,018
	Construct Fire Station	1,200
		2,218
Lone Star AAP, TX	Production, Support and Equip. Replacement	1,186
	Replace Area 1 Heating System	1,288
		2,474
Radford AAP, VA	Production, Support and Equip. Replacement	290
	Close Bioplant Equalization Basin	1,270
	Replace Three Acid Tanks, Acid Area	1,134
		2,694
Badger AAP, WI	Environmental Ammo Plants	160
MSL		
Redstone Arsenal, AL	Rocket Motor Facility	2,144
	Grand Total, FY96	17,967

A. (Continued)

FY97 Procurement Appropriations

APPROPRIATION LOCATION	PROJECT TITLE	COST ESTIMATE ($000)
AMMO		
Holston AAP, TN	Production, Support and Equip. Replace	2,732
	Correct inflow/infiltration in Sanitary Sewer	4,400
	Replace Industrial Wastewater Line	2,830
	Industrial Wastewater Treatment Plant	4,522
		14,484
Milan AAP, TN	Production, Support and Equip. Replace	256
Lone Star AAP, TX	Production, Support and Equip. Replace	152
Iowa AAP, IA	Production, Support and Equip. Replace	1,661
Lake City AAP, MO	Production, Support and Equip. Replace	2,161
Radford AAP, VA	Production, Support and Equip. Replace	1,243
Badger AAP, WI	Environmental Ammo Plants	108
MSL		
Redstone Arsenal. AL	Rocket Motor Facility	2,080
WTCV		
Lima ATP, OH	Construction MFGR Control Center	556
	Grand Total, FY97	22,701

B. Other Appropriations

FY96 APPROPRIATIONS	BUDGET ESTIMATE ($000)
Operation & Maintenance, Army (OMA)	1,342,000
Research, Development, Test and Evaluation (RDTE)	5,497
Operation & Maintenance, Army Reserve (OMAR)	5,700
Operation & Maintenance, Army National Guard (OMNG)	5,400
Total	1,358,597

FY97 APPROPRIATIONS	
Operation & Maintenance, Army (OMA)	1,255,000
Research, Development, Test and Evaluation (RDTE)	4,407
Operation & Maintenance, Army Reserve (OMAR)	5,800
Operation & Maintenance, Army National Guard (OMNG)	5,400
Total	1,270,607

C. Overseas Residual Value

In accordance with guidance contained in Senate Report 102-355, page 8-9, which accompanied the FY93 MILCON Appropriations Bill, the Army is seeking to use Host Nation funding and residual value to fund infrastructure requirements overseas. The Army will first seek Host Nation Support where possible. The Army will then seek to reinvest residual value amounts into the Army's facility infrastructure requirements which support residual forces stationed at military bases outside the United States, or to permit the Host nation to construct capital improvements in lieu of direct payments (Payment-in-kind (PIK)). Fiscal Year 1993 legislation permits the use of residual value under two separate authorities:

Overseas Military Facility Investment Recovery Account

(FY93 Defense Authorization Act, PL 102-484 (106 STAT. 2609)) This authorizes the use of residual value payments to be used overseas for facility maintenance and repair or environmental compliance. This also permits the Secretary of Defense to enter into negotiations for Payment-in-Kind, which could include construction of facilities.

Residual Value Credits

(FY93 Defense Appropriations Act, PL 102-396 (106 STAT. 1913)) This permits separate accounts for NATO member states for deposit of residual value amounts which can then be used for facility construction or real property maintenance.

The Army has received residual value payments in the amount of $36.4M which have been deposited in the DOMFIRA account from the return of the Army's Pipeline System (Donges-Metz, France) and a Training Area (Wildflecken, Germany). The Army expects to use these funds for real property maintenance on Army facilities in Europe. The fiscal year 1996 President's Budget Exhibit (OP-29) lists the projects being requested to be funded. Further, the Army has negotiated with Host Nation governments for additional requirements to be satisfied via payment-in-kind (PIK). The following PIK projects, which have not been included in a previous Military Construction Justification book, have already been negotiated:

Payment-in-Kind (Major Construction Projects already scheduled for construction in 1995 and 1996)

LOCATION	DESCRIPTION	ESTIMATE
Grafenwoehr, GE	Electrical Distribution System	$3,000,000
Hohenfels, GE	Vehicle Fuel Storage	$3,300,000
Landstuhl, GE	Aviation Unit Maintenance Hangar	$11,400,000
Mannheim, GE	Child Development Center	$9,000,000
Schweinfurt, GE	Vehicle Maintenance Sheds	$8,300,000
	Rail Head Ramp	2,500,000

Payment-in-Kind (Major Construction Projects yet to be scheduled for construction)

LOCATION	DESCRIPTION	ESTIMATE
Ansbach, GE	Whole Neighborhood Revitalization, Enlisted/Officer	$8,300,000
Baumholder, GE	Restore Barracks, Smith Barracks	$3,800,000
	Restore Barracks, Smith Barracks	3,800,000
	Restore Barracks, Smith Barracks	3,800,000
	Restore Barracks, Smith Barracks	3,800,000
	Whole Neighborhood Revitalization, Enlisted	7,100,000
Grafenwoehr, GE	Whole Neighborhood Revitalization, Enlisted/Officer	$4,200,000
Hanau, GE	Whole Neighborhood Revitalization, Enlisted	$3,500,000
Landstuhl, GE	Restore Barracks	$7,000,000
Schweinfurt, GE	Restore Barracks, Ledward Barracks	$6,400,000
Stuttgart, GE	Whole Neighborhood Revitalization, Enlisted	$1,900,000
Wuerzburg, GE	Restore Barracks, Harvey Barracks	$3,800,000

DEPARTMENT OF THE ARMY
FISCAL YEAR 1996
MILITARY CONSTRUCTION (PART I)
(DOLLARS ARE IN THOUSANDS)

STATE	PROJECT NUMBER	INSTALLATION (COMMAND) / PROJECT TITLE	AUTHORIZATION REQUEST	APPROPRIATION REQUEST	PAGE
Arizona		Fort Huachuca (TRADOC)			3
	40461	Whole Barracks Complex Renewal	16,000	16,000	5
		Subtotal Fort Huachuca PART I	$ 16,000	16,000	
		* TOTAL MCA FOR Arizona	$ 16,000	16,000	

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1. COMPONENT	FY 1996-1997 MILITARY CONSTRUCTION PROGRAM	2. DATE
ARMY		FEBRUARY 1995

3. INSTALLATION AND LOCATION	4. COMMAND	5. AREA CONSTRUCTION COST INDEX
Fort Huachuca Arizona	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 1994	704	4512	2871	506	951	10	75	188	3407	13,224
B. END FY 2000	678	4328	2664	416	1623	4	60	122	3953	13,848

7. INVENTORY DATA ($000)

A. TOTAL ACREAGE.....	102,910 AC	
B. INVENTORY TOTAL AS OF 30 SEP 1994.....		1,314,691
C. AUTHORIZATION NOT YET IN INVENTORY.....		27,105
D. AUTHORIZATION REQUESTED IN THE FY 1996 PROGRAM.....		16,000
E. AUTHORIZATION REQUESTED IN THE FY 1997 PROGRAM.....		0
F. PLANNED IN NEXT FOUR YEARS (NEW MISSION ONLY).....		0
G. REMAINING DEFICIENCY.....		50,900
H. GRAND TOTAL.....		1,408,696

8. PROJECTS REQUESTED IN THE FY 1996 PROGRAM:

CATEGORY CODE	PROJECT NUMBER	PROJECT TITLE	COST ($000)	DESIGN STATUS START	DESIGN STATUS COMPLETE
721	40461	Whole Barracks Complex Renewal	16,000	12/1992	12/1995
		TOTAL	16,000		

9. FUTURE PROJECTS:

CATEGORY CODE	PROJECT TITLE	COST ($000)
A. REQUESTED IN THE FY 1997 PROGRAM: NONE		
B. PLANNED NEXT FOUR 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 1996-1997 MILITARY CONSTRUCTION PROGRAM	2. DATE FEBRUARY 1995

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

1.COMPONENT	FY 1996 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		FEBRUARY 1995

3.INSTALLATION AND LOCATION	4.PROJECT TITLE
Fort Huachuca Arizona	Whole Barracks Complex Renewal

5.PROGRAM ELEMENT	6.CATEGORY CODE	7.PROJECT NUMBER	8.PROJECT COST ($000)	
			Auth	16,000
85796A	721	40461	Approp	16,000

9.COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITY				12,811
Barracks	SF	94,042	108.00	(10,157)
Central Plant	LS	--	--	(2,479)
Building Information Systems	LS	--	--	(175)
SUPPORTING FACILITIES				1,543
Electric Service	LS	--	--	(165)
Water, Sewer, Gas	LS	--	--	(82)
Steam And/Or Chilled Water Distr	LS	--	--	(280)
Paving, Walks, Curbs And Gutters	LS	--	--	(219)
Storm Drainage	LS	--	--	(52)
Site Imp(691) Demo( )	LS	--	--	(691)
Information Systems	LS	--	--	(54)
ESTIMATED CONTRACT COST				14,354
CONTINGENCY PERCENT (5.00%)				718
SUBTOTAL				15,072
SUPERVISION, INSPECTION & OVERHEAD (6.00%)				904
TOTAL REQUEST				15,976
TOTAL REQUEST (ROUNDED)				16,000
INSTALLED EQUIPMENT-OTHER APPROPRIATIONS				(0)

10.Description of Proposed Construction

Construct additions to two barracks buildings. Project includes living/sleeping rooms, baths, walk-in closets, storage, dayroom, television room, fire protection and alarm systems, and laundry. Remove interior stairs. Provide a central energy plant. Supporting facilities include utilities; electric; exterior lighting; sewer; paving, walks, curbs and gutters; parking; outdoor recreation areas; heat distribution lines; information systems; and site improvements. Heating and air conditioning (162 tons) will be provided by a new gas-fired central plant. Provide comprehensive building and furnishings related interior design services.

11. REQUIREMENT: 5,552 PN ADEQUATE: NONE SUBSTANDARD: 3,544 PN

PROJECT: Construct an addition to two barracks to meet the Whole Barracks Renewal Program Standard. (Current Mission)

REQUIREMENT: This project is required to provide replacements for two permanent party enlisted barracks which were constructed in 1958. Project will provide housing for a total of 256 personnel (224 E1-E4 and 32 E5-E6). Maximum utilization will be 288 enlisted personnel. This will contribute to the health, welfare, and morale of the service members and help reduce the need for additional facilities.

1.COMPONENT	FY 1996 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		FEBRUARY 1995

3.INSTALLATION AND LOCATION

Fort Huachuca, Arizona

4.PROJECT TITLE	5.PROJECT NUMBER
Whole Barracks Complex Renewal	40461

CURRENT SITUATION: Barracks currently in use provide living quarters for 335 enlisted personnel (305 E1-E4 and 30 E5-E6) with a maximum utilization of 364 enlisted personnel. Barracks were constructed in 1958 and renovated in 1974. All utility systems have deteriorated. Lighting and electrical power systems do not meet standards. Heating, cooling and ventilation system requires personnel to leave windows and doors open to provide proper air circulation, making it difficult to provide optimum personal comfort.
IMPACT IF NOT PROVIDED: If this project is not provided, soldiers will continue to live in substandard facilities. Major systems will continue to deteriorate and cost for maintenance and repair will continue to escalate. Overloading of the electrical circuits will continue to be a fire hazard.
ADDITIONAL: This project has been coordinated with the installation physical security plan, and all required physical security and/or combatting terrorism (CBT/T) measures are included. This project complies with the scope and design criteria of DOD 4270.1-M, Construction Criteria, that were in effect 1 January 1987, as implemented by the Army's Architectural and Engineering Instructions (AEI), Design Criteria, dated 9 December 1991, as revised 18 September 1992 and all subsequent revisions included in the Design Criteria Information System (DCIS). An economic analysis has been prepared and utilized in evaluating this project.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

(a)	Design Start Date	DEC 1992
(b)	Percent Complete As Of 01 January 95 (BDGT YR)	35
(c)	Percent Complete As Of 01 October 95 (PROG YR)	90
(d)	Design Complete Date	DEC 1995

(2) Basis:

(a) Standard or Definitive Design - (YES/NO) Y
(b) Where Design Was Most Recently Used
USACE

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

		($000)
(a)	Production of Plans and Specifications	476
(b)	All Other Design Costs	171
(c)	Total Design Cost	647
(d)	Contract	19
(e)	In-house	628

(4) Construction Start: APR 1996 (month & year)

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

1.COMPONENT	FY 1996 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		FEBRUARY 1995

3.INSTALLATION AND LOCATION	
Fort Huachuca, Arizona	
4.PROJECT TITLE	5.PROJECT NUMBER
Whole Barracks Complex Renewal	40461

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			

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DEPARTMENT OF THE ARMY
FISCAL YEAR 1996
MILITARY CONSTRUCTION (PART I)
(DOLLARS ARE IN THOUSANDS)

STATE	PROJECT NUMBER	INSTALLATION (COMMAND) / PROJECT TITLE	AUTHORIZATION REQUEST	APPROPRIATION REQUEST	PAGE
California		Fort Irwin (FORSCOM)			11
	27588	Consolidated Maintenance Facility	15,500	15,500	13
		Subtotal Fort Irwin PART I	$ 15,500	15,500	
		Presidio of San Francisco (FORSCOM)			17
	44787	Regional Sewer System	3,000	3,000	19
		Subtotal Presidio of San Francisco PART I	$ 3,000	3,000	
		* TOTAL MCA FOR California	$ 18,500	18,500	

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1. COMPONENT	FY 1996-1997 MILITARY CONSTRUCTION PROGRAM	2. DATE
ARMY		FEBRUARY 1995

3. INSTALLATION AND LOCATION	4. COMMAND	5. AREA CONSTRUCTION COST INDEX
Fort Irwin California	US Army Forces Command	1.30

6. PERSONNEL STRENGTH:

	PERMANENT			STUDENTS			SUPPORTED			
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF 30 SEP 1994	668	3928	812	0	0	0	10	22	2267	7,707
B. END FY 2000	629	3885	529	0	0	0	19	147	2290	7,499

7. INVENTORY DATA ($000)

A. TOTAL ACREAGE.....	636,181 AC
B. INVENTORY TOTAL AS OF 30 SEP 1994.....	955,822
C. AUTHORIZATION NOT YET IN INVENTORY.....	23,603
D. AUTHORIZATION REQUESTED IN THE FY 1996 PROGRAM.....	15,500
E. AUTHORIZATION REQUESTED IN THE FY 1997 PROGRAM.....	0
F. PLANNED IN NEXT FOUR YEARS (NEW MISSION ONLY).....	0
G. REMAINING DEFICIENCY.....	117,932
H. GRAND TOTAL.....	1,112,857

8. PROJECTS REQUESTED IN THE FY 1996 PROGRAM:

CATEGORY CODE	PROJECT NUMBER	PROJECT TITLE	COST ($000)	DESIGN STATUS START	DESIGN STATUS COMPLETE
214	27588	Consolidated Maintenance Facility	15,500	01/1993	09/1995
		TOTAL	15,500		

9. FUTURE PROJECTS:

CATEGORY CODE	PROJECT TITLE	COST ($000)

A. REQUESTED IN THE FY 1997 PROGRAM: NONE

B. PLANNED NEXT FOUR 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

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1. COMPONENT	FY 1996 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
ARMY		FEBRUARY 1995

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
Fort Irwin California	Consolidated Maintenance Facility

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
22696A	214	27588	Auth 15,500 Approp 15,500

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITY				12,225
Vehicle Maintenance Shop, GS	SF	78,465	124.71	(9,785)
Fuel Pumps/Dispensing	EA	6	4,115	(25)
Hardstand	SY	39,825	44.50	(1,772)
Above Ground Fuel Storage Tanks	EA	4	73,524	(294)
Waste Oil Storage Tanks	EA	5	20,627	(103)
Total from Continuation page				(246)
SUPPORTING FACILITIES				1,737
Electric Service	LS	--	--	(373)
Water, Sewer, Gas	LS	--	--	(532)
Paving, Walks, Curbs And Gutters	LS	--	--	(197)
Site Imp(592) Demo( )	LS	--	--	(592)
Information Systems	LS	--	--	(43)
ESTIMATED CONTRACT COST				13,962
CONTINGENCY PERCENT (5.00%)				698
SUBTOTAL				14,660
SUPERVISION, INSPECTION & OVERHEAD (6.00%)				880
TOTAL REQUEST				15,540
TOTAL REQUEST (ROUNDED)				15,500
INSTALLED EQUIPMENT-OTHER APPROPRIATIONS				(2)

10. Description of Proposed Construction

Construct a general support (GS) vehicle maintenance facility. Project includes tank ramps; aboveground fuel tanks with foundations, dikes, and piping; waste oil storage facility; fire protection; and hardstand. Supporting facilities include utilities; electric service; exterior lighting; fire protection and alarm systems; paving, walks, curbs and gutters; parking; security lighting, fencing and gates; information systems; and site improvements. Access for the handicapped will be provided. Heating will be provided by a self-contained system fueled with liquid propane gas. Air conditioning (30 tons) will be provided by a self-contained unit.

11. REQUIREMENT: 266,207 SF ADEQUATE: 124,475 SF SUBSTANDARD: 76,582 SF

PROJECT: Construct a general support vehicle maintenance facility. (Current Mission)

REQUIREMENT: This project is required to provide adequate repair facilities to receive, store, inventory, reorder, issue, maintain, and repair equipment and supplies fielded by force modernization to include pre-positioned equipment at the general support level. The existing facility (49,232 SF) is too small and unable to satisfy safety and operational functions of maintaining the pre-positioned equipment. There are no permanent existing

9. COST ESTIMATES (CONTINUED)

Item	U/M	QTY	Unit COST	Cost ($000)
PRIMARY FACILITY (CONTINUED)				
Tank Ramps	EA	2	58,640	(117)
Building Information Systems	LS	--	--	(129)
			Total	246

REQUIREMENT: (CONTINUED)
facilities on post to satisfy this requirement.
CURRENT SITUATION: In order to maintain pre-positioned track and wheeled vehicle fleets, a modern facility is needed. Current operation and safety limitations restrict the space available for maintenance and repair operations. Work is currently being performed in tents and temporary wooden buildings. There are no permanent facilities with vertical lift capabilities for new vehicles, interior vehicle exhaust systems, or adequate repair part storage space. The current conditions for vehicle maintenance create inefficient support operations, extend vehicle and equipment repair times, degrade the productivity of skilled personnel, and adversely impact mission training and readiness. There will still be a 64,438 SF shortfall after this project which will be addressed by a direct support maintenance facility project planned for a subsequent fiscal year.
IMPACT IF NOT PROVIDED: If this project is not provided, readiness will suffer without the GS facility to maintain the pre-positioned equipment at Fort Irwin.
ADDITIONAL: This project has been coordinated with the installation physical security plan, and all required physical security and/or combatting terrorism (CBT/T) measures are included. This project complies with the scope and design criteria of DOD 4270.1-M, Construction Criteria, that were in effect 1 January 1987, as implemented by the Army's Architectural and Engineering Instructions (AEI), Design Criteria, dated 9 December 1991, with the 18 September 1992 and all subsequent revisions included in the Design Criteria Information System (DCIS). An economic analysis has been prepared and utilized in evaluating this project.

12. SUPPLEMENTAL DATA:
A. Estimated Design Data:
(1) Status:
(a) Design Start Date..... JAN 1993
(b) Percent Complete As Of 01 January 95 (BDGT YR).. 35
(c) Percent Complete As Of 01 October 95 (PROG YR).. 100
(d) Design Complete Date..... SEP 1995

(2) Basis:

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

1. COMPONENT	FY 1996 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
ARMY		FEBRUARY 1995

3. INSTALLATION AND LOCATION	
Fort Irwin, California	
4. PROJECT TITLE	5. PROJECT NUMBER
Consolidated Maintenance Facility	27588

12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

(a) Standard or Definitive Design - (YES/NO) N

(b) Where Design Was Most Recently Used

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

(a)	Production of Plans and Specifications.....	728
(b)	All Other Design Costs.....	199
(c)	Total Design Cost.....	927
(d)	Contract.....	
(e)	In-house.....	927

(4) Construction Start..... DEC 1995
month & year

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

Equipment Nomenclature	Procuring Appropriation	Fiscal Year Appropriated Or Requested	Cost ($000)
Info Sys - ISC	OPA	1996	1
Info Sys - PROP	OPA	1996	1
		TOTAL	2

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1. COMPONENT	FY 1996-1997 MILITARY CONSTRUCTION PROGRAM	2. DATE
ARMY		FEBRUARY 1995

3. INSTALLATION AND LOCATION	4. COMMAND	5. AREA CONSTRUCTION COST INDEX
Presidio of San Francisco California	US Army Forces Command	1.37

6. PERSONNEL STRENGTH:

	PERMANENT			STUDENTS			SUPPORTED			
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF 30 SEP 1994	155	215	110	0	0	0	50	52	0	582
B. END FY 2000	279	595	11	0	0	0	22	43	48	998

7. INVENTORY DATA ($000)

A. TOTAL ACREAGE.....	1,621 AC	
B. INVENTORY TOTAL AS OF 30 SEP 1994.....		120,831
C. AUTHORIZATION NOT YET IN INVENTORY.....		798
D. AUTHORIZATION REQUESTED IN THE FY 1996 PROGRAM.....		3,000
E. AUTHORIZATION REQUESTED IN THE FY 1997 PROGRAM.....		0
F. PLANNED IN NEXT FOUR YEARS (NEW MISSION ONLY).....		0
G. REMAINING DEFICIENCY.....		33,720
H. GRAND TOTAL.....		158,349

8. PROJECTS REQUESTED IN THE FY 1996 PROGRAM:

CATEGORY CODE	PROJECT NUMBER	PROJECT TITLE	COST ($000)	DESIGN STATUS START	DESIGN STATUS COMPLETE
824	44787	Regional Sewer System	3,000		
		TOTAL	3,000		

9. FUTURE PROJECTS:

CATEGORY CODE	PROJECT TITLE	COST ($000)
A. REQUESTED IN THE FY 1997 PROGRAM: NONE		
B. PLANNED NEXT FOUR PROGRAM YEARS (NEW MISSION ONLY): NONE		

10. MISSION OR MAJOR FUNCTIONS:

The Presidio of San Francisco is a regional headquarters providing housing, work facilities and administrative and logistical support to Headquarters Sixth US Army, Letterman Army Medical Center, Letterman Army Institute of Research, Federal Emergency Management Agency, and to units and activities on the subinstallations of East Fort Baker, Rio Vista USAR facility, and Parks Reserve Forces Training Area.

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 1996 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		FEBRUARY 1995

3.INSTALLATION AND LOCATION	4.PROJECT TITLE
Presidio of San Francisco California	Regional Sewer System

5.PROGRAM ELEMENT	6.CATEGORY CODE	7.PROJECT NUMBER	8.PROJECT COST ($000)
22696A	824	44787	Auth 3,000 Approp 3,000

9.COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITY				3,000
Sewer Service Claim	LS	--	--	(3,000)
SUPPORTING FACILITIES				
ESTIMATED CONTRACT COST				3,000
CONTINGENCY PERCENT (.000%)				
SUBTOTAL				3,000
SUPERVISION, INSPECTION & OVERHEAD (.000%)				
TOTAL REQUEST				3,000
TOTAL REQUEST (ROUNDED)				3,000
INSTALLED EQUIPMENT-OTHER APPROPRIATIONS				(0)

10.Description of Proposed Construction This project is for the one-time, full payment of the negotiated settlement of a nearly $28,000,000 claim filed by the City of San Francisco, California, against the United States Army, Presidio of San Francisco for lost federal grant funds.

11. REQUIREMENT: 1 EA ADEQUATE: NONE SUBSTANDARD: NONE

PROJECT: Claim for Sewer Service. (Current Mission)

REQUIREMENT: The settlement of this claim will recompense the City of San Francisco for the Army's disallowed share of a $750,000,000 grant from the Environmental Protection Agency (EPA) to the City for payment of construction of pump stations and interceptors to collect surface runoff and treat all runoff before discharge into the San Francisco Bay. The EPA position is that federal customers receive their own construction appropriations and, therefore, are not eligible for funding support by any portion of its grant to the City of San Francisco.

IMPACT IF NOT PROVIDED: If this project is not funded, the United States Army will be subject to the original claim by the City of San Francisco which now exceeds $27 million along with the likelihood of expensive and protracted litigation.

1.COMPONENT	FY 1996 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		FEBRUARY 1995

3.INSTALLATION AND LOCATION

Presidio of San Francisco, California

4.PROJECT TITLE	5.PROJECT NUMBER
Regional Sewer System	44787

ADDITIONAL: The Army and the City and County of San Francisco have been involved in a dispute regarding sewage treatment at the Presidio of San Francisco since the late 1970s. The City has a claim against the Army for capital charges (i.e., the Army's contribution to a portion of the construction of a new wastewater treatment system) and for back charges for sewage treatment rendered up until 1987. This claim now totals approximately $28 million. The Army and the City have negotiated a settlement in the total amount of $4 million of which $1 million represents back charges for the sewage treatment which will be paid from current Operations and Maintenance funds (OMA). The $3 million portion of the settlement represents a capital contribution to a municipality and is properly payable as a Military Construction (MILCON) charge. These funds will reimburse the City for the portion of an EPA construction grant that was disallowed because major federal facilities contributing sewage flow are required to pay their proportionate share of costs from their own appropriations. This settlement represents a cost avoidance of at least $24 million.

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

DEPARTMENT OF THE ARMY
FISCAL YEAR 1996
MILITARY CONSTRUCTION (PART I)
(DOLLARS ARE IN THOUSANDS)

STATE	PROJECT NUMBER	INSTALLATION (COMMAND) PROJECT TITLE	AUTHORIZATION REQUEST	APPROPRIATION REQUEST	PAGE
Colorado		Fort Carson (FORSCOM)			23
	41749	Sewage Treatment Plant	9,100	9,100	25
	44699	Sanitary Sewer System	1,750	1,750	29
		Subtotal Fort Carson PART I	$ 10,850	10,850	
		* TOTAL MCA FOR Colorado	$ 10,850	10,850	

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1. COMPONENT	FY 1996-1997 MILITARY CONSTRUCTION PROGRAM	2. DATE
ARMY		FEBRUARY 1995

3. INSTALLATION AND LOCATION	4. COMMAND	5. AREA CONSTRUCTION COST INDEX
Fort Carson Colorado	US Army Forces Command	1.12

6. PERSONNEL STRENGTH:

	PERMANENT			STUDENTS			SUPPORTED			
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF 30 SEP 1994	1716	15376	2177	0	134	0	18	79	1682	21,182
B. END FY 2000	1776	14807	1996	0	140	0	19	91	2383	21,212

7. INVENTORY DATA ($000)

A. TOTAL ACREAGE.....	373,300 AC
B. INVENTORY TOTAL AS OF 30 SEP 1994.....	1,774,433
C. AUTHORIZATION NOT YET IN INVENTORY.....	24,565
D. AUTHORIZATION REQUESTED IN THE FY 1996 PROGRAM.....	10,850
E. AUTHORIZATION REQUESTED IN THE FY 1997 PROGRAM.....	37,000
F. PLANNED IN NEXT FOUR YEARS (NEW MISSION ONLY).....	0
G. REMAINING DEFICIENCY.....	135,381
H. GRAND TOTAL.....	1,982,229

8. PROJECTS REQUESTED IN THE FY 1996 PROGRAM:

CATEGORY CODE	PROJECT NUMBER	PROJECT TITLE	COST ($000)	DESIGN STATUS START	DESIGN STATUS COMPLETE
832	41749	Sewage Treatment Plant	9,100	12/1993	09/1995
832	44699	Sanitary Sewer System	1,750	12/1993	10/1995
		TOTAL	10,850		

9. FUTURE PROJECTS:

CATEGORY CODE	PROJECT TITLE	COST ($000)
A. REQUESTED IN THE FY 1997 PROGRAM:		
721	Whole Barracks Complex Renewal	37,000
	TOTAL	37,000

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

10. MISSION OR MAJOR FUNCTIONS:

Support and training of the 4th Infantry Division (Mechanized) and other non- divisional units. Ensure the most efficient use of resources to operate Fort Carson and accomplish all assigned missions and support of tenant activities. Command of all assigned and attached units; organize and train all units to ensure combat readiness. Provide command and control of the Pinon Canyon maneuver site. Ensure that Fort Carson is prepared for mobilization.

1. COMPONENT	FY 1996-1997 MILITARY CONSTRUCTION PROGRAM	2. DATE
ARMY		FEBRUARY 1995

INSTALLATION AND LOCATION: Fort Carson Colorado

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:

	($000)
A. AIR POLLUTION	0
B. WATER POLLUTION	10,850
C. OCCUPATIONAL SAFETY AND HEALTH	0

PREVIOUS EDITIONS MAY BE USED INTERNALLY
UNTIL EXHAUSTED

1.COMPONENT	FY 1996 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		FEBRUARY 1995

3.INSTALLATION AND LOCATION	4.PROJECT TITLE
Fort Carson Colorado	Sewage Treatment Plant

5.PROGRAM ELEMENT	6.CATEGORY CODE	7.PROJECT NUMBER	8.PROJECT COST ($000)	
			Auth	9,100
22056A	832	41749	Approp	9,100

9.COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITY				6,966
Oxidation Ditch, Aerators	LS	--	--	(2,181)
Clarifiers (2 ea)	LS	--	--	(874)
Convert Digester & P. Clarifier	LS	--	--	(208)
RAS/WAS Pump Station	LS	--	--	(276)
Sludge Treatment Fac.	LS	--	--	(410)
Total from Continuation page				(3,017)
SUPPORTING FACILITIES				824
Electric Service	LS	--	--	(96)
Water, Sewer, Gas	LS	--	--	(53)
Paving, Walks, Curbs And Gutters	LS	--	--	(72)
Site Imp(602) Demo( )	LS	--	--	(602)
Information Systems	LS	--	--	(1)
ESTIMATED CONTRACT COST				7,790
CONTINGENCY PERCENT (10.0%)				779
SUBTOTAL				8,569
SUPERVISION, INSPECTION & OVERHEAD (6.00%)				514
TOTAL REQUEST				9,083
TOTAL REQUEST (ROUNDED)				9,100
INSTALLED EQUIPMENT-OTHER APPROPRIATIONS				(1)

10.Description of Proposed Construction

Upgrade and modernize a sewage treatment plant (STP). Project includes addition of headworks, oxidation ditch (3.0 million gallons daily (mgd)) with two clarifiers, ultraviolet (UV) disinfection system for the wastewater treatment plant effluent, sludge treatment facility, filtrate return lift station, system control and data acquisition (SCADA) system, process piping, and upgrade/conversion of one digester. Project also includes attendant appurtenances valves, piping, connections, generator building with backup generator, pump station, and control building to house the instrumentation and controls for the new components. The project will incorporate existing infrastructure as feasible; i.e. equalization basin, chlorination basin, and conversion of a primary clarifier to a sludge thickener. Supporting facilities include utilities, electric service, exterior lighting, paving, walks, fencing, information systems, and site improvements. Heating will be provided by individual gas-fired units. Special foundation work is required due to the expansive soils commonly found on Fort Carson. Any asbestos will be removed prior to construction under a Fort Carson environmental clean-up contract.

1.COMPONENT	FY 1996 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		FEBRUARY 1995

3.INSTALLATION AND LOCATION

Fort Carson, Colorado

4.PROJECT TITLE	5.PROJECT NUMBER
Sewage Treatment Plant	41749

9. COST ESTIMATES (CONTINUED)

Item	U/M	QTY	Unit COST	Cost ($000)
PRIMARY FACILITY (CONTINUED)				
Filtrate Return Lift Sta.	LS	--	--	(58)
Sys. Control & Data Acq.(SCADA)	LS	--	--	(232)
Process Piping	LS	--	--	(575)
Headworks	LS	--	--	(496)
Generator Bldg with Generator	SF	1,130	243.00	(275)
Control Bldg	SF	2,654	224.94	(597)
UV Disinfection System	LS	--	--	(659)
Instrumentation and Controls	LS	--	--	(99)
Special Foundations	SF	3,730	5.60	(21)
Building Information Systems	LS	--	--	(5)
			Total	3,017

11. REQUIREMENT: 1 EA ADEQUATE: NONE SUBSTANDARD: 1 EA

PROJECT: Modernize sewage treatment plant to comply with new and future National Pollutant Discharge Elimination System (NPDES) permit requirements. (Current Mission)

REQUIREMENT: This project is required to upgrade and modernize the installation sewage treatment plant. Fountain Creek has been reclassified by the state as warm water aquatic after being considered recreational. The new permit of the installation includes strict effluent limits for residual chlorine and Whole Effluent Toxicity (WET). This requirement reflects the toxicity of ammonia which the modernized plant will be able to reduce substantially. These new receiving stream standards will take effect 30 September 1996. The regional wasteload allocations for discharge to Fountain Creek (the receiving waters) are still being developed. However, requirements for reduced loadings of ammonia and other nitrogen species will then apply. These requirements will exceed the current capabilities of the plant. Major modifications to the sewage treatment plan will enable it to meet these more stringent requirements.

CURRENT SITUATION: The installation sewage treatment plant has generally been meeting current US Environmental Protection Agency (EPA) permit requirements. The NPDES permit (which runs on a five year cycle) has been recently revised (1 October 1992). More stringent requirement limits, not enforced until 1996, are included such as WET, chlorine, ammonia and other nitrogen species. There has been one permit exceedance of the chlorine limit and one of the WET limit. The current configuration of existing facility cannot meet the current permit limit. After 1996, no WET is permitted and an enforcement action will result. The proposed modifications will give Fort Carson the ability to meet those requirements. Much of the existing equipment

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

1.COMPONENT	FY 1996 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		FEBRUARY 1995

3.INSTALLATION AND LOCATION	
Fort Carson, Colorado	
4.PROJECT TITLE	5.PROJECT NUMBER
Sewage Treatment Plant	41749

CURRENT SITUATION: (CONTINUED)
is outdated and requires substantial upgrade.
IMPACT IF NOT PROVIDED: If this project is not provided, Fort Carson will be in violation of its NPDES permits, as required by the Clean Water Act, and subject to substantial fines and criminal penalties for noncompliance.
ADDITIONAL: This project has been coordinated with the installation physical security plan, and no physical security and/or combatting terrorism (CBT/T) measures are required. This project complies with the scope and design criteria of DOD 4270.1-M, "Construction Criteria," that were in effect 1 January 1987, as implemented by the Army's Architectural and Engineering Instruction (AEI), "Design Criteria," dated 9 December 1991, with the 18 September 1992 and all subsequent revisions included in the Design Criteria Information System (DCIS). 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)	Design Start Date	DEC 1993
(b)	Percent Complete As Of 01 January 95 (BDGT YR)	50
(c)	Percent Complete As Of 01 October 95 (PROG YR)	100
(d)	Design Complete Date	SEP 1995

(2) Basis:

(a) Standard or Definitive Design - (YES/NO) N
(b) Where Design Was Most Recently Used

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

		($000)
(a)	Production of Plans and Specifications	545
(b)	All Other Design Costs	250
(c)	Total Design Cost	795
(d)	Contract	
(e)	In-house	795

(4) Construction Start: FEB 1996
month & year

1. COMPONENT	FY 1996 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
ARMY		FEBRUARY 1995

3. INSTALLATION AND LOCATION

Fort Carson, Colorado

4. PROJECT TITLE	5. PROJECT NUMBER
Sewage Treatment Plant	41749

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)
Info Sys - ISC	OPA	1996	1
		TOTAL	1

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

1.COMPONENT	FY 1996 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		FEBRUARY 1995

3.INSTALLATION AND LOCATION	4.PROJECT TITLE
Fort Carson Colorado	Sanitary Sewer System

5.PROGRAM ELEMENT	6.CATEGORY CODE	7.PROJECT NUMBER	8.PROJECT COST ($000)
22056A	832	44699	Auth 1,750 Approp 1,750

9.COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITY				1,389
15" PVC Drain Pipe	LF	11,301	29.79	(337)
12" Drain Pipe	LF	2,090	18.70	(39)
6" Drain Pipe	LF	370	12.16	(4)
10" PVC Force Main	LF	9,454	23.36	(221)
14" PVC Force Main	LF	6,584	38.52	(254)
Total from Continuation page				(534)
SUPPORTING FACILITIES				200
Electric Service	LS	--	--	(171)
Paving, Walks, Curbs And Gutters	LS	--	--	(6)
Site Imp(23) Demo( )	LS	--	--	(23)
ESTIMATED CONTRACT COST				1,589
CONTINGENCY PERCENT (5.00%)				79
SUBTOTAL				1,668
SUPERVISION, INSPECTION & OVERHEAD (6.00%)				100
TOTAL REQUEST				1,768
TOTAL REQUEST (ROUNDED)				1,750
INSTALLED EQUIPMENT-OTHER APPROPRIATIONS				(0)

10.Description of Proposed Construction Construct a sanitary sewer line from Fort Carson's main cantonment area to Butts Army Air Field (BAAF). Project includes all appurtenances such as lift stations, manholes, control valves and electrical controls. Supporting facilities include electric service, generator, road and stream crossings, rip-rap, slope stabilization matting and final seeding, and site improvements.

11. REQUIREMENT: 11,301 LF ADEQUATE: NONE SUBSTANDARD: NONE

PROJECT: Construct a sanitary sewer line from the main cantonment area to Butts AAF. (Current Mission)

REQUIREMENT: This project is required to provide sewer treatment for all of BAAF. Current and future facilities at Butts will depend on the success of this project.

CURRENT SITUATION: The sewage lagoons at BAAF have been shown by a United States Geological Survey (USGS) study to exceed the permeability requirements for sewage lagoons in the state of Colorado. The ground water at BAAF has detectable amounts of Resource Conservation and Recovery Act - listed substances. The regulatory status of the lagoons at this time is clear. They could be ordered shut down by the Colorado Department of Health (CDH) on a

1.COMPONENT	FY 1996 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		FEBRUARY 1995

3.INSTALLATION AND LOCATION

Fort Carson, Colorado

4.PROJECT TITLE	5.PROJECT NUMBER
Sanitary Sewer System	44699

9. COST ESTIMATES (CONTINUED)

Item	U/M	QTY	Unit COST	Cost ($000)
PRIMARY FACILITY (CONTINUED)				
10x20 Trench Box	EA	3	3,193	(10)
Bore/Jack Drain Pipe	LF	690	265.04	(183)
Oil/Grease Interceptor 100gpm	EA	1	31,300	(31)
Manholes	EA	48	2,298	(110)
Lift Stations	EA	2	100,200	(200)
			Total	534

CURRENT SITUATION: (CONTINUED)
moments notice, resulting in the closure of Fort Carson's Air Field. They are currently operating only because Colorado has judged that the initiation of this project is a good faith compliance effort. We have had communications with the CDH and public inquiries into the compliance status of the lagoons have been made. A very important consideration in this matter is the liability for any ground water pollution which is resulting from the use of sewage lagoons which have contaminated ground water. There is already work being contracted through Fort Carson's Installation Restoration Program to determine the extent of ground water contamination. Butts AAF does not have a functioning industrial waste water system and all the waste water from aircraft is routed to the lagoons. The sewage lagoons at BAAF are also undersized for their usage. It has been a common practice, especially in wet weather, to truck sewage from the Butts lagoons to the Fort Carson cantonment area for disposal in the main Fort Carson sanitary sewage plant. Without the removal of sewage at times like this, the lagoons would overflow. The treatment of BAAF sewage at the main sewage treatment plant is in line with guidance issued by the local Clean Water Act Section 208 planning committee (Pikes Peak Area Council of Governments Water Quality Management Committee). This guidance specifically recommends combining treatment facilities wherever economically feasible. Fort Carson's sewage treatment plant upgrade is specifically designed to handle the sewage load from BAAF.

IMPACT IF NOT PROVIDED: If this project is not provided, Butts AAF would face shut-down in the near future. Credibility with the State of Colorado would be jeopardized.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and no physical security and/or combatting terrorism (CBT/T) measures are required. This project complies with the scope and design criteria of DOD 4270.1-M, "Construction Criteria," that were in effect 1 January 1987, as implemented by the Army's Architectural and Engineering Instruction (AEI), "Design Criteria," dated 9 December 1991, with the 18 September 1992 and all subsequent revisions included in the Design Criteria Information System (DCIS). FORSCOM's number one priority project included in

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

1.COMPONENT	FY 1996 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		FEBRUARY 1995

3.INSTALLATION AND LOCATION

Fort Carson, Colorado

4.PROJECT TITLE	5.PROJECT NUMBER
Sanitary Sewer System	44699

ADDITIONAL: (CONTINUED)

the FY 96 budget submission is the upgrade of Fort Carson's Sewage Treatment Plant. This upgrade project will account for the additional loading from Butts and any potential users along the line. 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)	Design Start Date	DEC 1993
(b)	Percent Complete As Of 01 January 95 (BDGT YR)	60
(c)	Percent Complete As Of 01 October 95 (PROG YR)	100
(d)	Design Complete Date	OCT 1995

(2) Basis:

(a) Standard or Definitive Design - (YES/NO) N

(b) Where Design Was Most Recently Used

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

		($000)
(a)	Production of Plans and Specifications	105
(b)	All Other Design Costs	185
(c)	Total Design Cost	290
(d)	Contract	80
(e)	In-house	210

(4) Construction Start: FEB 1996 (month & year)

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			

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DEPARTMENT OF THE ARMY
FISCAL YEAR 1996
MILITARY CONSTRUCTION (PART I)
(DOLLARS ARE IN THOUSANDS)

STATE	PROJECT NUMBER	INSTALLATION (COMMAND) / PROJECT TITLE	AUTHORIZATION REQUEST	APPROPRIATION REQUEST	PAGE
District of Columb		Fort McNair (MDW)			35
	35062	National Defense University Facility	8,000	8,000	37
	42594	Whole Barracks Complex Renewal	5,500	5,500	41
		Subtotal Fort McNair PART I	$ 13,500	13,500	
		* TOTAL MCA FOR District of Columbia	$ 13,500	13,500	

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1. COMPONENT	FY 1996-1997 MILITARY CONSTRUCTION PROGRAM	2. DATE
ARMY		FEBRUARY 1995

3. INSTALLATION AND LOCATION	4. COMMAND	5. AREA CONSTRUCTION COST INDEX
Fort McNair District of Columbia	US Army Military District of Washington	1.03

6. PERSONNEL STRENGTH:

	PERMANENT			STUDENTS			SUPPORTED			
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF 30 SEP 1994	120	351	1232	361	0	90	143	30	250	2,577
B. END FY 2000	107	167	848	487	0	378	97	79	107	2,270

7. INVENTORY DATA ($000)

A. TOTAL ACREAGE.....	98 AC	
B. INVENTORY TOTAL AS OF 30 SEP 1994.....		150,170
C. AUTHORIZATION NOT YET IN INVENTORY.....		7,220
D. AUTHORIZATION REQUESTED IN THE FY 1996 PROGRAM.....		13,500
E. AUTHORIZATION REQUESTED IN THE FY 1997 PROGRAM.....		6,900
F. PLANNED IN NEXT FOUR YEARS (NEW MISSION ONLY).....		0
G. REMAINING DEFICIENCY.....		19,372
H. GRAND TOTAL.....		197,162

8. PROJECTS REQUESTED IN THE FY 1996 PROGRAM:

CATEGORY CODE	PROJECT NUMBER	PROJECT TITLE	COST ($000)	DESIGN STATUS START	DESIGN STATUS COMPLETE
171	35062	National Defense University Facility	8,000	03/1993	07/1995
721	42594	Whole Barracks Complex Renewal	5,500	04/1994	06/1996
		TOTAL	13,500		

9. FUTURE PROJECTS:

CATEGORY CODE	PROJECT TITLE	COST ($000)
A. REQUESTED IN THE FY 1997 PROGRAM:		
171	National Defense University Fac Phase II	6,900
	TOTAL	6,900

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

10. MISSION OR MAJOR FUNCTIONS:

Military District of Washington Headquarters. Provide housing services and other facilities to quarter general and flag officers of the Department of Defense and to provide administrative and/or logistical support as assigned by the Commanding General, Military District of Washington. The National Defense University consisting of the National War College and Industrial College of the Armed Forces and Inter-American Defense College are located at this installation.

1. COMPONENT	FY 1996-1997 MILITARY CONSTRUCTION PROGRAM	2. DATE
ARMY		FEBRUARY 1995

INSTALLATION AND LOCATION: Fort McNair District of Columbia

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

1.COMPONENT	FY 1996 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		FEBRUARY 1995

3.INSTALLATION AND LOCATION	4.PROJECT TITLE
Fort McNair District of Columbia	National Defense University Facility

5.PROGRAM ELEMENT	6.CATEGORY CODE	7.PROJECT NUMBER	8.PROJECT COST ($000)
22896A	171	35062	Auth 8,000 Approp 8,000

9.COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITY				6,829
Building Renovation	SF	140,160	36.83	(5,163)
Building Renovation	SF	35,000	24.00	(840)
Asbestos/Lead Paint Abatement	LS	--	--	(101)
Building Information Systems	LS	--	--	(725)
SUPPORTING FACILITIES				35
Information Systems	LS	--	--	(35)
ESTIMATED CONTRACT COST				6,864
CONTINGENCY PERCENT (10.0%)				686
SUBTOTAL				7,550
SUPERVISION, INSPECTION & OVERHEAD (6.00%)				453
TOTAL REQUEST				8,003
TOTAL REQUEST (ROUNDED)				8,000
INSTALLED EQUIPMENT-OTHER APPROPRIATIONS				(2,955)

10.Description of Proposed Construction Convert and renovate existing administrative, industrial and library areas in the Industrial College of the Armed Forces (ICAF) (National Defense University (NDU) Campus) to academic uses (seminar, study and faculty rooms). Work includes information systems, roof repairs, asbestos abatement, and lead paint removal. Building interiors will be architecturally reconfigured to provide for the new uses. Electrical, heating, ventilation, and air conditioning (450 tons) (HVAC) and plumbing systems will be modified and upgraded to meet the new configurations and to correct existing deficiencies. Access for the handicapped will be provided. Fire protection and alarms systems and minor exterior alterations will provided for emergency egress. Renovate an existing facility to house the ICAF and the NWC while the building renovation is under way. The renovation of these buildings are programmed for FY 96 and FY 97.

11. REQUIREMENT: 140,160 SF ADEQUATE: NONE SUBSTANDARD: 140,160 SF
PROJECT: Convert and renovate existing building for the Industrial College of the Armed Forces (ICAF). (Current Mission)

1.COMPONENT	FY 1996 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		FEBRUARY 1995

3.INSTALLATION AND LOCATION

Fort McNair, District of Columbia

4.PROJECT TITLE	5.PROJECT NUMBER
National Defense University Facility	35062

REQUIREMENT: This project is required to provide critically needed academic space for faculty and students of the ICAF, Institute for National Strategic Studies, International Fellows Program and Capstone Course. The required modifications will permit the number of students per seminar and study room to drop to academically functional levels, provide space for additional faculty required to comply with Congressional and Joint Chiefs of Staff (JCS) mandates and provide urgently needed seminar and meeting spaces. A facility is needed to house the NDU student body and staff in the interim. This facility will be located on Fort McNair.

CURRENT SITUATION: The National Defense University (NDU) occupies three buildings at its Fort McNair campus: Eisenhower Hall, Roosevelt Hall and Marshall Hall. The 1991 completion of Marshall Hall has allowed consolidation at Fort McNair of NDU activities previously scattered over five locations in the Washington DC area, including University elements which previously occupied 42 percent of Eisenhower Hall. While some of the recently vacated space is suitable for college faculty and administrative personnel with only minor repair and cleaning, a significant portion is not configured for academic uses. Most pressing is the need for sufficient student study space and seminar rooms. Senior service college students are required to do extensive research and study--both as individuals and in groups--yet their study areas are currently so crowded and poorly configured that effective study is often nearly impossible. Lack of suitable space has caused college seminars to commonly have as many as 18 students when 12 is the academically desired upper limit observed by other senior service colleges. Another area of persistent space shortfall has been for the faculty. Existing partition configurations rarely permit efficient space use and often do not provide the privacy needed for class preparation or student counseling. Both Congress and the JCS have recognized the importance of these schools to the nation's future. Not withstanding downsizing currently underway throughout the Department of Defense, the number of students at the ICAF will not decline for the foreseeable future. In fact, Congressional mandates to reduce the student:faculty ratio and incorporate new missions have recently increased the student body by 18 percent and will cause faculty numbers to rise modestly. Rehabilitation of the old and deteriorating mechanical and electrical systems is also urgently needed. High velocity air distribution and obsolete controls on the mechanical systems frequently create noise and/or temperature conditions which interfere with office, classroom and study activities. They are also less energy efficient and more expensive to maintain than modern systems.

IMPACT IF NOT PROVIDED: If this project is not provided, implementation of the Defense Acquisition University at NDU will significantly curtail existing senior service college programs unless space is rearranged into appropriate configurations. Significant space will remain poorly configured or completely unusable for academic courses, degrading the educational program and limiting University flexibility in supporting both internal and external operational

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

1.COMPONENT	FY 1996 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		FEBRUARY 1995

3.INSTALLATION AND LOCATION

Fort McNair, District of Columbia

4.PROJECT TITLE	5.PROJECT NUMBER
National Defense University Facility	35062

IMPACT IF NOT PROVIDED: (CONTINUED)
needs. Although substantial space is available to the ICAF now that Marshall Hall is complete, much of it is not configured to permit substantial academic utility. A significant portion will remain vacant without appropriate alteration. One of the key, long-term benefits of the ICAF school to the nation is the interservice and interagency team building which is a byproduct of both daily interaction and group study projects. Without the space reconfiguration, facilities will continue to be a hindrance rather than an asset to this immensely valuable process. Recent incorporation of the senior course of the Defense Acquisition University as directed by the Chairman, JCS has exacerbated the already crowded student, classroom, and facility office situation. Initiatives to establish NDU as a "Center for wargaming and simulation at the National, Theater and Joint Task Force Level" will be indefinitely delayed. Environmental compliance will be delayed. Incorporation of environmental issues into the renovation project is much more efficient and less costly than as a separate action. Meeting Army energy conservation targets will be impossible without severe adverse effects on the academic program. Fundamental building infrastructure will continue to deteriorate, interfering with operations and continuing the current trend of increasing maintenance and repair cost. Several class days have been lost in the recent past due to large scale utility system failures.
ADDITIONAL: This project has been coordinated with the installation physical security plan, and all required physical security and/or combatting terrorism (CBT/T) measures are included. This project complies with the scope and design criteria of DOD 4270.1-M, Construction Criteria, that were in effect 1 January 1987, as implemented by the Army's Architectural and Engineering Instructions (AEI), Design Criteria, dated 9 December 1991, with the 18 September 1992 and all subsequent revisions included in the Design Criteria Information System (DCIS).

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

(a) Design Start Date	MAR 1993
(b) Percent Complete As Of 01 January 95 (BDGT YR)	65
(c) Percent Complete As Of 01 October 95 (PROG YR)	100
(d) Design Complete Date	JUL 1995

(2) Basis:

(a) Standard or Definitive Design - (YES/NO) N

(b) Where Design Was Most Recently Used

(3) Total Design Cost (c) = (a)+(b) OR (d)+(e):	($000)
(a) Production of Plans and Specifications	480

1.COMPONENT	FY 1996 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		FEBRUARY 1995

3.INSTALLATION AND LOCATION

Fort McNair, District of Columbia

4.PROJECT TITLE	5.PROJECT NUMBER
National Defense University Facility	35062

12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

(b) All Other Design Costs	470
(c) Total Design Cost	950
(d) Contract	723
(e) In-house	227

(4) Construction Start ..... JAN 1996
month & year

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

Equipment Nomenclature	Procuring Appropriation	Fiscal Year Appropriated Or Requested	Cost ($000)
Info Sys - ISC	OPA	1996	80
Info Sys - PROP	OPA	1996	2,875
		TOTAL	2,955

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

1.COMPONENT	FY 1996 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		FEBRUARY 1995

3.INSTALLATION AND LOCATION	4.PROJECT TITLE
Fort McNair District of Columbia	Whole Barracks Complex Renewal

5.PROGRAM ELEMENT	6.CATEGORY CODE	7.PROJECT NUMBER	8.PROJECT COST ($000)
22896A	721	42594	Auth 5,500 Approp 5,500

9.COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITY				4,563
Basement Renovation	SF	18,212	75.56	(1,376)
Barracks Renovation	SF	27,512	64.60	(1,777)
Attic Renovation	SF	13,263	86.36	(1,145)
Asbestos Removal	LS	--	--	(154)
IDS Installation	LS	--	--	(2)
Building Information Systems	LS	--	--	(109)
SUPPORTING FACILITIES				119
Site Imp(103) Demo( )	LS	--	--	(103)
Information Systems	LS	--	--	(16)
ESTIMATED CONTRACT COST				4,682
CONTINGENCY PERCENT (10.0%)				468
SUBTOTAL				5,150
SUPERVISION, INSPECTION & OVERHEAD (6.00%)				309
TOTAL REQUEST				5,459
TOTAL REQUEST (ROUNDED)				5,500
INSTALLED EQUIPMENT-OTHER APPROPRIATIONS				(26)

10.Description of Proposed Construction

Modernize and convert all floors of a historic building to provide unaccompanied enlisted personnel housing. Barracks include living/sleeping rooms, baths, closets, storage, and company operations. Project includes removal of interior non-load bearing partitions; electric, water, sewage, and heating, ventilation and air conditioning distribution systems. Work also includes installing utility distribution systems; basement renovation; attic upgrade to provide an area for special training and storage of ceremonial uniforms in support of the unit's ceremonial mission; cable television and private telephone systems; heat and smoke detection systems; exterior windows and doors repaired/replaced; and removal and disposal of asbestos. Interior and exterior historical features will be retained in accordance with agreements with the District of Columbia State Historical Preservation Office. Install an intrusion detection system (IDS) in the arms room. Supporting facilities include correcting storm drainage problems, screening of the utilities support systems and dumpster, information systems, and site improvements.

11. REQUIREMENT: 141 PN ADEQUATE: NONE SUBSTANDARD: 85 PN

PROJECT: Modernize and convert a historic building to provide housing for

1.COMPONENT	FY 1996 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		FEBRUARY 1995

3.INSTALLATION AND LOCATION

Fort McNair, District of Columbia

4.PROJECT TITLE	5.PROJECT NUMBER
Whole Barracks Complex Renewal	42594

PROJECT: (CONTINUED)
unaccompanied enlisted personnel to meet new Army standards. (Current Mission)
REQUIREMENT: This project is required to provide the current Army standards for housing 88 unaccompanied enlisted personnel of Company A, 3rd Infantry Regiment. It is also required to provide for the administrative and TOE mission storage of the unit. In addition, the project is required to provide space for the special training and the ceremonial uniform storage supporting the unit's ceremonial mission.
CURRENT SITUATION: Fort McNair is a historic district. Existing building is one of original buildings in the McKim, Mead and White Master Plan and is deemed historically significant. The building is a historic Category II building constructed in 1903. It consists of two floors, a habitable basement and an unhabitable attic. The building is of masonry construction on a masonry foundation. The existing interior utility distribution systems are outdated, inefficient and do not comply with current codes. Gang latrines and showers exist on each floor. The housing area consists of separate rooms housing two to three soldiers each and does not comply with the current Army standards of 110 SF plus a 20 SF closet for each soldier. This unit has a ceremonial mission requiring an extensive wardrobe of ceremonial uniforms. The storage of these ceremonial uniforms further impinges upon the already inadequate living space provided each soldier. Soldiers residing off-post must maintain their ceremonial uniforms in wardrobes located in the hallways, which creates a security risk and a life safety risk. One third of the first floor is occupied by the post chapel, which will be relocated to provide additional housing capacity.
IMPACT IF NOT PROVIDED: If this project is not provided, the soldiers of Company A, 3rd Infantry Regiment will continue to reside in substandard conditions with the resulting adverse impact on troop morale and retention. Equally important, the inability to properly store and maintain ceremonial uniforms creates a potential for flawed ceremonies before national, state and foreign dignitaries. The interior electrical distribution system will continue to be overloaded due to increased demands of our modern technological age. The heating, ventilation, and air conditioning systems will remain unreliable due to power overloads, increasing age and decreasing capability.
ADDITIONAL: This project has been coordinated with the installation physical security plan, and all required physical security and/or combatting terrorism (CBT/T) measures are included. This project complies with the scope and design criteria of DOD 4270.1-M, "Construction Criteria," that were in effect 1 January 1987, as implemented by the Army's Architectural and Engineering Instructions (AEI), "Design Criteria," dated 9 December 1991, with the 18 September 1992 and all subsequent revisions included in the Design Criteria Information System (DCIS. An economic analysis has been prepared and utilized in evaluating this project.

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

1.COMPONENT	FY 1996 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		FEBRUARY 1995

3.INSTALLATION AND LOCATION

Fort McNair, District of Columbia

4.PROJECT TITLE	5.PROJECT NUMBER
Whole Barracks Complex Renewal	42594

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

(a) Design Start Date..... APR 1994
(b) Percent Complete As Of 01 January 95 (BDGT YR).. 35
(c) Percent Complete As Of 01 October 95 (PROG YR).. 90
(d) Design Complete Date..... JUN 1996

(2) Basis:

(a) Standard or Definitive Design - (YES/NO) N
(b) Where Design Was Most Recently Used

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

(a) Production of Plans and Specifications..... 290
(b) All Other Design Costs..... 180
(c) Total Design Cost..... 470
(d) Contract..... 365
(e) In-house..... 105

(4) Construction Start..... SEP 1996
month & year

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/Arms Room	OPA	1997	2
Info Sys - ISC	OPA	1997	4
Info Sys - PROP	OPA	1997	20
		TOTAL	26

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DEPARTMENT OF THE ARMY
FISCAL YEAR 1996
MILITARY CONSTRUCTION (PART I)
(DOLLARS ARE IN THOUSANDS)

STATE	PROJECT NUMBER	INSTALLATION (COMMAND) / PROJECT TITLE	AUTHORIZATION REQUEST	APPROPRIATION REQUEST	PAGE
Georgia		Fort Benning (TRADOC)			47
	25817	Close Combat Tactical Trainer Building	4,900	4,900	49
	35309	Whole Barracks Complex Renewal	33,000	33,000	52
		Subtotal Fort Benning PART I	$ 37,900	37,900	
		Fort Gordon (TRADOC)			55
	40800	Battalion Headquarters	3,150	3,150	57
	40807	General Purpose Warehouse	2,600	2,600	60
		Subtotal Fort Gordon PART I	$ 5,750	5,750	
		Fort Stewart (FORSCOM)			63
	39156	Deployment Staging Area	8,400	8,400	65
		Subtotal Fort Stewart PART I	$ 8,400	8,400	
		* TOTAL MCA FOR Georgia	$ 52,050	52,050	

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1. COMPONENT	FY 1996-1997 MILITARY CONSTRUCTION PROGRAM	2. DATE
ARMY		FEBRUARY 1995

3. INSTALLATION AND LOCATION	4. COMMAND	5. AREA CONSTRUCTION COST INDEX
Fort Benning Georgia	US Army Training and Doctrine Command	0.79

6. PERSONNEL STRENGTH:

	PERMANENT			STUDENTS			SUPPORTED			
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF 30 SEP 1994	1285	10154	3587	1872	8021	22	187	314	3323	28,765
B. END FY 2000	1175	8997	3291	1270	7018	22	49	102	3397	25,321

7. INVENTORY DATA ($000)

A. TOTAL ACREAGE.....	181,414 AC
B. INVENTORY TOTAL AS OF 30 SEP 1994.....	2,080,282
C. AUTHORIZATION NOT YET IN INVENTORY.....	93,374
D. AUTHORIZATION REQUESTED IN THE FY 1996 PROGRAM.....	37,900
E. AUTHORIZATION REQUESTED IN THE FY 1997 PROGRAM.....	0
F. PLANNED IN NEXT FOUR YEARS (NEW MISSION ONLY).....	0
G. REMAINING DEFICIENCY.....	91,450
H. GRAND TOTAL.....	2,303,006

8. PROJECTS REQUESTED IN THE FY 1996 PROGRAM:

CATEGORY CODE	PROJECT NUMBER	PROJECT TITLE	COST ($000)	DESIGN STATUS START	DESIGN STATUS COMPLETE
721	35309	Whole Barracks Complex Renewal	33,000	01/1993	07/1995
171	25817	Close Combat Tactical Trainer Building	4,900	07/1994	08/1995
		TOTAL	37,900		

9. FUTURE PROJECTS:

CATEGORY CODE	PROJECT TITLE	COST ($000)
A. REQUESTED IN THE FY 1997 PROGRAM: NONE		
B. PLANNED NEXT FOUR 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.

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 1996 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		FEBRUARY 1995

3.INSTALLATION AND LOCATION	4.PROJECT TITLE
Fort Benning Georgia	Close Combat Tactical Trainer Building

5.PROGRAM ELEMENT	6.CATEGORY CODE	7.PROJECT NUMBER	8.PROJECT COST ($000)
85796A	171	25817	Auth 4,900 Approp 4,900

9.COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITY				3,593
CCTT Facility	SF	44,280	80.64	(3,571)
EMCS Connection	LS	--	--	(10)
Building Information Systems	LS	--	--	(12)
SUPPORTING FACILITIES				814
Electric Service	LS	--	--	(64)
Water, Sewer, Gas	LS	--	--	(10)
Paving, Walks, Curbs And Gutters	LS	--	--	(248)
Storm Drainage	LS	--	--	(35)
Site Imp(344) Demo( )	LS	--	--	(344)
Information Systems	LS	--	--	(113)
ESTIMATED CONTRACT COST				4,407
CONTINGENCY PERCENT (5.00%)				220
SUBTOTAL				4,627
SUPERVISION, INSPECTION & OVERHEAD (6.00%)				278
TOTAL REQUEST				4,905
TOTAL REQUEST (ROUNDED)				4,900
INSTALLED EQUIPMENT-OTHER APPROPRIATIONS				(10,393)

10.Description of Proposed Construction

Construct a close combat tactical trainer (CCTT) facility for vehicle simulator modules. Project includes simulator bays, after action review rooms, administrative space, storage areas, library, and repair and maintenance shop areas. Connect energy monitoring and control system (EMCS). Supporting facilities include utilities; electric service; exterior lighting, fencing, and dock facilities; paving, walks, curbs, and gutters; parking; storm drainage; information systems; and site improvements. Heating and air conditioning (225 tons) will be provided by self-contained units. Access for the handicapped will be provided.

11. REQUIREMENT: 314,502 SF ADEQUATE: 113,505 SF SUBSTANDARD: 133,737 SF
PROJECT: Construct a close combat tactical trainer facility. (New Mission)
REQUIREMENT: This project is required to provide a facility to house the combined arms tactical trainer complex. This facility will contain equipment to provide a system to train and sustain individual and collective (crew through company task force) tasks and skills in command and control, communications, and maneuver, and to integrate the function of combat support and combat service support units. This is accomplished by using a group of fully interactive networked emulators and command, control and communications

1.COMPONENT	FY 1996 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		FEBRUARY 1995

3.INSTALLATION AND LOCATION

Fort Benning, Georgia

4.PROJECT TITLE	5.PROJECT NUMBER
Close Combat Tactical Trainer Building	25817

REQUIREMENT: (CONTINUED)
work stations, replicating the vehicles and weapons systems of a mechanized infantry or armor battalion task force and its supporting elements operating on an emulated realtime battlefield. The training system to be housed by this project is a fully funded, high priority, Department of the Army simulation training system to support the training of combined arms team in both active and reserve component units. Fort Benning is scheduled to support initial operational testing in FY 96, and to receive a company team configuration in FY 98.

CURRENT SITUATION: This is a new Army initiative. Existing facility assets indicate that there are no facilities on Fort Benning that can provide housing for this training system. Use of existing buildings would require major building modification and utility system upgrades as well as requiring new construction for the displaced activities.

IMPACT IF NOT PROVIDED: If this project is not provided, facilities will not be available to support the simulators and associated equipment. The CCTT facility will not be operational and use of field exercise training events to train the soldier will continue. This would potentially incur costly storage fees and contract disputes in the contractor logistic support effort.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and all required physical security and/or combatting terrorism (CBT/T) measures are included. This project complies with the scope and design criteria of DOD 4270.1-M, "Construction Criteria," that were in effect 1 January 1987, as implemented by the Army's Architectural and Engineering Instructions (AEI), "Design Criteria," dated 9 December 1991, with the 18 September 1992 and all subsequent revisions included in the Design Criteria Information System (DCIS). 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) Design Start Date	JUL 1994
(b) Percent Complete As Of 01 January 95 (BDGT YR)	50
(c) Percent Complete As Of 01 October 95 (PROG YR)	100
(d) Design Complete Date	AUG 1995

(2) Basis:

(a) Standard or Definitive Design - (YES/NO) Y

(b) Where Design Was Most Recently Used
Fort Hood

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

(a) Production of Plans and Specifications..... 282

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

1. COMPONENT	FY 1996 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
ARMY		FEBRUARY 1995

3. INSTALLATION AND LOCATION

Fort Benning, Georgia

4. PROJECT TITLE	5. PROJECT NUMBER
Close Combat Tactical Trainer Building	25817

12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

(b) All Other Design Costs	211
(c) Total Design Cost	493
(d) Contract	296
(e) In-house	197

(4) Construction Start ..... JAN 1996
month & year

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

Equipment Nomenclature	Procuring Appropriation	Fiscal Year Appropriated Or Requested	Cost ($000)
Simulators/Equipment	OPA	1997	10,390
Info Sys - ISC	OPA	1996	3
		TOTAL	10,393

1.COMPONENT	FY 1996 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		FEBRUARY 1995

3.INSTALLATION AND LOCATION	4.PROJECT TITLE
Fort Benning Georgia	Whole Barracks Complex Renewal

5.PROGRAM ELEMENT	6.CATEGORY CODE	7.PROJECT NUMBER	8.PROJECT COST ($000)	
			Auth	33,000
85796A	721	35309	Approp	33,000

9.COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITY				25,062
Barracks Buildings	SF	157,776	92.00	(14,515)
Soldier Community Building	SF	26,342	92.00	(2,423)
Company Operations Buildings	SF	58,172	86.20	(5,014)
Dining Facility	SF	15,178	151.64	(2,302)
IDS Installation	LS	--	--	(16)
Total from Continuation page				(792)
SUPPORTING FACILITIES				4,224
Electric Service	LS	--	--	(639)
Water, Sewer, Gas	LS	--	--	(222)
Steam And/Or Chilled Water Distr	LS	--	--	(226)
Paving, Walks, Curbs And Gutters	LS	--	--	(613)
Storm Drainage	LS	--	--	(224)
Site Imp(724) Demo(1,119)	LS	--	--	(1,843)
Information Systems	LS	--	--	(457)
ESTIMATED CONTRACT COST				29,286
CONTINGENCY PERCENT (5.00%)				1,464
SUBTOTAL				30,750
SUPERVISION, INSPECTION & OVERHEAD (6.00%)				1,845
TOTAL REQUEST				32,595
TOTAL REQUEST (ROUNDED)				33,000
INSTALLED EQUIPMENT-OTHER APPROPRIATIONS				(96)

10.Description of Proposed Construction

Construct a barracks complex. Project includes living/sleeping rooms with bath, walk-in closets, storage, dayroom, laundry, a standard-design Soldier Community Building (400 persons), and eight company operations (six small and two large) facilities will be constructed as separate facilities located within the barracks complex. Construct a standard-design dining facility. Work includes asbestos removal and information systems. Connect to existing energy monitoring and control system (EMCS). Install an intrusion detection system (IDS). Supporting facilities include utilities; electric services; exterior lighting; fire protection and alarm systems; water distribution lines; paving, walks, curbs and gutters; parking and access drives; outdoor recreation areas; dumpster enclosures; storm drainage; information systems; and site improvements. Heating and air conditioning (600 tons) will be provided by self-contained systems. Remove underground utilities (680 LF), walks and asphalt surfaces (5,200 SY). Demolish 11 buildings (176,732 SF) with asbestos removal, within the footprint. Comprehensive building and furnishings related interior design services are required.

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

1.COMPONENT	FY 1996 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		FEBRUARY 1995

3.INSTALLATION AND LOCATION

Fort Benning, Georgia

4.PROJECT TITLE	5.PROJECT NUMBER
Whole Barracks Complex Renewal	35309

9. COST ESTIMATES (CONTINUED)

Item	U/M	QTY	Unit COST	Cost ($000)
PRIMARY FACILITY (CONTINUED)				
EMCS Connection	LS	--	--	(254)
Building Information Systems	LS	--	--	(538)
			Total	792

11. REQUIREMENT: 5,070 PN ADEQUATE: 884 PN SUBSTANDARD: 4,639 PN

PROJECT: Construct a barracks complex to meet Department of the Army (DA) standards, eight company operations facilities (2 large and 6 small), and one standard-design dining facility (400-800 capacity). (Current Mission)

REQUIREMENT: This project is required as the third in a series of barracks projects required to complete Fort Benning's long range plan for barracks renewal, modernization, and/or replacement. This project is required to provide adequate housing for unaccompanied enlisted personnel stationed at Fort Benning. Intended utilization of the barracks will be 425 personnel. Maximum utilization is 500 personnel. This project will also provide separate company operations facilities; a Soldier Community Building; and one centralized dining facility.

CURRENT SITUATION: Present facilities, originally constructed in 1956, provide barely minimum standards for unaccompanied personnel housing (UPH). Latrine and shower facilities are central and in disrepair. Rooms created as part of a modernization project in the 1970s provide only minimum amenities, with no conveniences for the individual soldier. Each building includes two company operations functions that share one area (split between the basement and first floor) while two buildings contain dining facilities. These areas are inadequate to accommodate the two companies now housed in the buildings.

IMPACT IF NOT PROVIDED: If this project is not provided, permanent enlisted personnel will continue to be housed in marginal facilities, resulting in lower morale and retention rates. Improvements will not be provided, directly affecting 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 and/or combatting terrorism (CBT/T) measures are included. This project complies with the scope and design criteria of DOD 4270.1-M, Construction Criteria, that were in effect 1 January 1987, as implemented by the Army's Architectural and Engineering Instructions (AEI), Design Criteria, dated 18 September 1992, with all subsequent revisions included in the Design Criteria Information System (DCIS). An economic analysis has been prepared and utilized in evaluating this project.

1.COMPONENT	FY 1996 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		FEBRUARY 1995

3.INSTALLATION AND LOCATION

Fort Benning, Georgia

4.PROJECT TITLE	5.PROJECT NUMBER
Whole Barracks Complex Renewal	35309

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

(a)	Design Start Date	JAN 1993
(b)	Percent Complete As Of 01 January 95 (BDGT YR)	35
(c)	Percent Complete As Of 01 October 95 (PROG YR)	100
(d)	Design Complete Date	JUL 1995

(2) Basis:

(a) Standard or Definitive Design - (YES/NO) Y

(b) Where Design Was Most Recently Used
USACE

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

		($000)
(a)	Production of Plans and Specifications	1,360
(b)	All Other Design Costs	873
(c)	Total Design Cost	2,233
(d)	Contract	40
(e)	In-house	2,193

(4) Construction Start: JAN 1996
month & year

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	1996	12
Info Sys - ISC	OPA	1996	84
		TOTAL	96

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

1. COMPONENT	FY 1996-1997 MILITARY CONSTRUCTION PROGRAM	2. DATE
ARMY		FEBRUARY 1995

3. INSTALLATION AND LOCATION	4. COMMAND	5. AREA CONSTRUCTION COST INDEX
Fort Gordon Georgia	US Army Training and Doctrine Command	0.83

6. PERSONNEL STRENGTH:

	PERMANENT			STUDENTS			SUPPORTED			
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF 30 SEP 1994	959	5077	2376	676	4796	31	31	260	2281	16,487
B. END FY 2000	1079	5120	2401	501	4650	3	24	335	2496	16,609

7. INVENTORY DATA ($000)

A. TOTAL ACREAGE.....	56,497 AC
B. INVENTORY TOTAL AS OF 30 SEP 1994.....	1,146,229
C. AUTHORIZATION NOT YET IN INVENTORY.....	74,200
D. AUTHORIZATION REQUESTED IN THE FY 1996 PROGRAM.....	5,750
E. AUTHORIZATION REQUESTED IN THE FY 1997 PROGRAM.....	0
F. PLANNED IN NEXT FOUR YEARS (NEW MISSION ONLY).....	0
G. REMAINING DEFICIENCY.....	111,431
H. GRAND TOTAL.....	1,337,610

8. PROJECTS REQUESTED IN THE FY 1996 PROGRAM:

CATEGORY CODE	PROJECT NUMBER	PROJECT TITLE	COST ($000)	DESIGN STATUS START	DESIGN STATUS COMPLETE
141	40800	Battalion Headquarters	3,150	09/1993	09/1995
442	40807	General Purpose Warehouse	2,600	09/1993	09/1995
		TOTAL	5,750		

9. FUTURE PROJECTS:

CATEGORY CODE	PROJECT TITLE	COST ($000)

A. REQUESTED IN THE FY 1997 PROGRAM: NONE

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

10. MISSION OR MAJOR FUNCTIONS:

The mission of the US Army Signal Center and Fort Gordon is to: conduct Signal Corps Training for Army personnel as well as personnel from other services and allied countries; maintain assigned FORSCOM Units; conduct the USASC&FG Combat Development Programs; provide support to tenant units of other Military Departments and Commands.

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 1996 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		FEBRUARY 1995

3.INSTALLATION AND LOCATION	4.PROJECT TITLE
Fort Gordon Georgia	Battalion Headquarters

5.PROGRAM ELEMENT	6.CATEGORY CODE	7.PROJECT NUMBER	8.PROJECT COST ($000)
85796A	141	40800	Auth 3,150 Approp 3,150

9.COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITY				2,619
Building Conversion	SF	26,548	48.83	(1,297)
Building Addition	SF	11,452	87.46	(1,002)
EMCS Connections	LS	--	--	(101)
IDS Installation	LS	--	--	(10)
Building Information Systems	LS	--	--	(209)
SUPPORTING FACILITIES				166
Electric Service	LS	--	--	(21)
Paving, Walks, Curbs And Gutters	LS	--	--	(13)
Site Imp(29) Demo( )	LS	--	--	(29)
Information Systems	LS	--	--	(103)
ESTIMATED CONTRACT COST				2,785
CONTINGENCY PERCENT (7.00%)				195
SUBTOTAL				2,980
SUPERVISION, INSPECTION & OVERHEAD (6.00%)				179
TOTAL REQUEST				3,159
TOTAL REQUEST (ROUNDED)				3,150
INSTALLED EQUIPMENT-OTHER APPROPRIATIONS				(338)

10.Description of Proposed Construction Convert two dining facilities to two battalion headquarters and five company headquarters facilities. Work will include modification of interior partitions, electrical, and mechanical modifications and/or replacements; removal of kitchen operational areas; installation of carpet and wall coverings; information systems, automated data processing, and cable television access installation or modification; and exterior walks and entrances. Connect energy monitoring and control systems (EMCS). Install an intrusion detection system (IDS). Supporting facilities include electric service, paving, walks, fire protection and alarm systems, information systems, and site improvements. Access for the handicapped will be provided. Heating will be provided by a gas-fired heat plant. Air conditioning: 63 tons. Comprehensive design and interior furnishings related design services are required.

11. REQUIREMENT: 83,944 SF ADEQUATE: 57,396 SF SUBSTANDARD: NONE
PROJECT: Provide two battalion headquarters and five company headquarters by conversion of two dining facilities. (Current Mission)

1.COMPONENT	FY 1996 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		FEBRUARY 1995

3.INSTALLATION AND LOCATION

Fort Gordon, Georgia

4.PROJECT TITLE	5.PROJECT NUMBER
Battalion Headquarters	40800

REQUIREMENT: This project is required to provide adequate facilities for the relocation of the 470th Military Intelligence (MI) Bridgade as part of the Panama Canal Treaty Implementation. Conversion of two surplus dining facilities into the required headquarters facilities will avoid new construction. These areas are consistent with the other battalion and company headquarters now existing on the installation. The operational size of the relocating units is such that these facilities will meet their requirements.
CURRENT SITUATION: This is a unit relocation and the installation does not have suitable facilities for this requirement. Other structures on the installation including previously designed and operated battalion and company headquarters have been converted and modified for other missions and are not reasonably recoverable.
IMPACT IF NOT PROVIDED: If this project is not provided, there will not be adequate space for the operations of the 470th MI possibly impacting on their operations or on the Treaty implemented relocations.
ADDITIONAL: This project has been coordinated with the installation physical security plan, and all required physical security and/or combatting terrorism (CBT/T) measures are included. This project complies with the scope and design criteria of DOD 4270.1-M, Construction Criteria, that were in effect 1 January 1987, as implemented by the Army's Architectural and Engineering Instructions (AEI), Design Criteria, dated 9 December 1991, with the 18 September 1992 and all subsequent revisions included in the Design Criteria Information System (DCIS). An economic analysis has been prepared and utilized in evaluating this project.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

(a) Design Start Date	SEP 1993
(b) Percent Complete As Of 01 January 95 (BDGT YR)	35
(c) Percent Complete As Of 01 October 95 (PROG YR)	100
(d) Design Complete Date	SEP 1995

(2) Basis:

(a) Standard or Definitive Design - (YES/NO) N

(b) Where Design Was Most Recently Used

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

	($000)
(a) Production of Plans and Specifications	156
(b) All Other Design Costs	121
(c) Total Design Cost	277
(d) Contract	163
(e) In-house	114

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

1.COMPONENT	FY 1996 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		FEBRUARY 1995

3.INSTALLATION AND LOCATION

Fort Gordon, Georgia

4.PROJECT TITLE	5.PROJECT NUMBER
Battalion Headquarters	40800

12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

(4) Construction Start..... JAN 1996
month & year

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	OPA	1996	5
Info Sys - ISC	OPA	1996	269
Info Sys - PROP	OPA	1996	64
		TOTAL	338

1.COMPONENT	FY 1996 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		FEBRUARY 1995

3.INSTALLATION AND LOCATION	4.PROJECT TITLE
Fort Gordon Georgia	General Purpose Warehouse

5.PROGRAM ELEMENT	6.CATEGORY CODE	7.PROJECT NUMBER	8.PROJECT COST ($000)
85796A	442	40807	Auth 2,600 Approp 2,600

9.COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITY				2,042
General Purpose Warehouse	SF	30,000	50.92	(1,528)
Concrete Paving	SY	10,719	34.32	(368)
EMCS Connection	LS	--	--	(66)
IDS Installation	LS	--	--	(10)
Building Information Systems	LS	--	--	(70)
SUPPORTING FACILITIES				310
Electric Service	LS	--	--	(88)
Water, Sewer, Gas	LS	--	--	(36)
Paving, Walks, Curbs And Gutters	LS	--	--	(120)
Storm Drainage	LS	--	--	(12)
Site Imp(45) Demo( )	LS	--	--	(45)
Information Systems	LS	--	--	(9)
ESTIMATED CONTRACT COST				2,352
CONTINGENCY PERCENT (5.00%)				118
SUBTOTAL				2,470
SUPERVISION, INSPECTION & OVERHEAD (6.00%)				148
TOTAL REQUEST				2,618
TOTAL REQUEST (ROUNDED)				2,600
INSTALLED EQUIPMENT-OTHER APPROPRIATIONS				(45)

10.Description of Proposed Construction

Construct a general purpose warehouse. Project includes general storage space, environmentally-controlled storage for electronic equipment, administrative space, and a receiving and issue area. Project includes latrines, break room, sprinkler system, loading docks, paving, and connection to existing base utilities. Connect to the base fire alarm system and to the energy monitoring and control system (EMCS). Install an intrusion detection system (IDS). Supporting facilities include utilities; electric service; exterior lighting; fire protection and alarm systems; paving, walks, curbs and gutters; parking; fencing and gates; storm drainage; information systems; and site improvements. Remove pavement (16,000 SY). Air conditioning will be provided for the administrative area (4 tons) and environmentally-controlled storage areas (17 tons). Heating will be provided by a self-contained, gas-fired system. Access for the handicapped will be provided.

11. REQUIREMENT: 306,444 SF ADEQUATE: 944 SF SUBSTANDARD: 387,690 SF

PROJECT: Construct a general purpose warehouse. (Current Mission)

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

1.COMPONENT	FY 1996 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		FEBRUARY 1995

3.INSTALLATION AND LOCATION

Fort Gordon, Georgia

4.PROJECT TITLE	5.PROJECT NUMBER
General Purpose Warehouse	40807

REQUIREMENT: This project is required to provide adequate storage facilities for equipment and stores of the 470th Military Intelligence (MI) Brigade in support of their relocation under the Panama Canal Treaty Implementation.
CURRENT SITUATION: This project supports a relocation. Fort Gordon's existing warehouse facilities are World War II-era, temporary wooden buildings and are fully utilized by existing mission requirements. Even if some of these buildings could be made available, it would not be economically feasible to install the specialized environmental control systems required by the sensitive electronic intelligence equipment.
IMPACT IF NOT PROVIDED: If this project is not provided, the relocation of the 470th will be hampered and adequate storage will not be provided for the incoming units to execute their mission.
ADDITIONAL: This project has been coordinated with the installation physical security plan, and all required physical security and/or combatting terrorism (CBT/T) measures are included. This project complies with the scope and design criteria of DOD 4270.1-M, Construction Criteria, that were in effect 1 January 1987, as implemented by the Army's Architectural and Engineering Instructions (AEI), Design Criteria, dated 9 December 1991, with the 18 September 1992 and all subsequent revisions included in the Design Criteria Information System (DCIS). 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)	Design Start Date	SEP 1993
(b)	Percent Complete As Of 01 January 95 (BDGT YR)	35
(c)	Percent Complete As Of 01 October 95 (PROG YR)	100
(d)	Design Complete Date	SEP 1995

(2) Basis:

(a) Standard or Definitive Design - (YES/NO) N
(b) Where Design Was Most Recently Used

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

		($000)
(a)	Production of Plans and Specifications	120
(b)	All Other Design Costs	150
(c)	Total Design Cost	270
(d)	Contract	164
(e)	In-house	106

(4) Construction Start: FEB 1996

1.COMPONENT	FY 1996 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		FEBRUARY 1995

3.INSTALLATION AND LOCATION

Fort Gordon, Georgia

4.PROJECT TITLE	5.PROJECT NUMBER
General Purpose Warehouse	40807

12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

month & year

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	1996	22
Info Sys - ISC	OPA	1996	10
Info Sys - PROP	OPA	1996	13
		TOTAL	45

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

1. COMPONENT	FY 1996-1997 MILITARY CONSTRUCTION PROGRAM	2. DATE
ARMY		FEBRUARY 1995

3. INSTALLATION AND LOCATION	4. COMMAND	5. AREA CONSTRUCTION COST INDEX
Fort Stewart Georgia	US Army Forces Command	0.84

6. PERSONNEL STRENGTH:

	PERMANENT			STUDENTS			SUPPORTED			
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF 30 SEP 1994	1327	13145	1809	0	114	0	37	248	2440	19,120
B. END FY 2000	1350	13137	2063	0	160	0	15	58	3233	20,016

7. INVENTORY DATA ($000)

A. TOTAL ACREAGE.....	284,381 AC
B. INVENTORY TOTAL AS OF 30 SEP 1994.....	1,450,951
C. AUTHORIZATION NOT YET IN INVENTORY.....	39,866
D. AUTHORIZATION REQUESTED IN THE FY 1996 PROGRAM.....	8,400
E. AUTHORIZATION REQUESTED IN THE FY 1997 PROGRAM.....	6,000
F. PLANNED IN NEXT FOUR YEARS (NEW MISSION ONLY).....	0
G. REMAINING DEFICIENCY.....	167,888
H. GRAND TOTAL.....	1,673,105

8. PROJECTS REQUESTED IN THE FY 1996 PROGRAM:

CATEGORY CODE	PROJECT NUMBER	PROJECT TITLE	COST ($000)	DESIGN STATUS START	DESIGN STATUS COMPLETE
141	39156	Deployment Staging Area	8,400	05/1994	09/1995
		TOTAL	8,400		

9. FUTURE PROJECTS:

CATEGORY CODE	PROJECT TITLE	COST ($000)
A. REQUESTED IN THE FY 1997 PROGRAM:		
171	Close Combat Tactical Training Building	6,000
	TOTAL	6,000

B. PLANNED NEXT FOUR 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

1. COMPONENT	FY 1996-1997 MILITARY CONSTRUCTION PROGRAM	2. DATE
ARMY		FEBRUARY 1995

INSTALLATION AND LOCATION: Fort Stewart Georgia

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES: (...CONTINUED)

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

PREVIOUS EDITIONS MAY BE USED INTERNALLY
UNTIL EXHAUSTED

1. COMPONENT	FY 1996 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
ARMY		FEBRUARY 1995

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
Fort Stewart Georgia	Deployment Staging Area

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
22696A	141	39156	Auth 8,400 Approp 8,400

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITY				6,794
Passenger Terminal	SF	56,000	62.00	(3,472)
PT Porte Cochere	SF	7,200	32.50	(234)
Soldier-Equipment Scale	EA	2	3,990	(8)
Ready Area	SF	4,600	62.00	(285)
Built-In Bleacher	LS	--	--	(86)
Total from Continuation page				(2,709)
SUPPORTING FACILITIES				713
Electric Service	LS	--	--	(133)
Water, Sewer, Gas	LS	--	--	(85)
Paving, Walks, Curbs And Gutters	LS	--	--	(135)
Storm Drainage	LS	--	--	(73)
Site Imp(189) Demo(48)	LS	--	--	(237)
Information Systems	LS	--	--	(50)
ESTIMATED CONTRACT COST				7,507
CONTINGENCY PERCENT (5.00%)				375
SUBTOTAL				7,882
SUPERVISION, INSPECTION & OVERHEAD (6.00%)				473
TOTAL REQUEST				8,355
TOTAL REQUEST (ROUNDED)				8,400
INSTALLED EQUIPMENT-OTHER APPROPRIATIONS				(16)

10. Description of Proposed Construction

Construct a Departure Arrival Airfield Control Group (DAACG) operations facility. Project includes a soldier passenger terminal, troop support area and automatic telescopic bleachers, and two digital personnel-equipment scales (500 pound capacity), and a troop bus covered drop-off area. Project also includes a combination ready/sterile room (500 soldier capacity) with automatic telescopic bleachers, an operations/administration area, cargo processing area with a high dock, pallet and net storage area, offices, materiel handling equipment storage, frustrated cargo area, combination fueling/purging station with wash pad, modular vehicle platform scale (300,000 pound capacity), pallet scale (100,000 pound capacity), two sentry stations, secured compartmented information facility (SCIF), pre-wired work stations, hardstand, communication antenna systems, and three aircraft training mock- ups. Supporting facilities include utilities; electric service, metered underground power, and exterior lighting; emergency generator; fire sprinklers, fire protection and alarm systems; paving, walks, curbs and gutters; parking, signage, loading lots, and reroute access roads; oil/water separator; storm drainage; refueling/defueling overhead tanks; security fencing and gates; information systems; and site improvements. Access for the handicapped will be provided. Heating (gas-fired) and air conditioning

1.COMPONENT	FY 1996 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		FEBRUARY 1995

3.INSTALLATION AND LOCATION

Fort Stewart, Georgia

4.PROJECT TITLE	5.PROJECT NUMBER
Deployment Staging Area	39156

9. COST ESTIMATES (CONTINUED)

Item	U/M	QTY	Unit COST	Cost ($000)
PRIMARY FACILITY (CONTINUED)				
Operations-Admin Area	SF	9,000	75.00	(675)
Pre-Wired Work Stations	EA	33	4,490	(148)
Secure Storage Area	SF	250	72.00	(18)
Pallet & Net Storage	SF	7,630	57.50	(439)
Pall Process-Hi Dock	SF	8,000	62.00	(496)
300K Plat Veh Scale	EA	1	49,900	(50)
100K Plat Pall Scale	EA	1	35,000	(35)
MHE Storage & Maintenance	SF	6,000	57.50	(345)
Cargo Processing Support	SF	706	67.00	(47)
Fuel-Purge Station	LS	--	--	(15)
Aircraft Mock-Ups	SF	5,185	16.00	(83)
Sentry Stations	SF	240	143.00	(34)
Hardstand	SY	6,089	32.50	(198)
Wash Pad	SY	89	41.40	(4)
Antenna	LS	--	--	(40)
Building Information Systems	LS	--	--	(82)
			Total	2,709

DESCRIPTION OF PROPOSED CONSTRUCTION: (CONTINUED)
(212 tons) will be provided by separate self-contained units. Demolish two buildings (8,742 SF) with lead paint removal will commence after occupancy of this facility.

11. REQUIREMENT: 84,186 SF ADEQUATE: NONE SUBSTANDARD: 8,470 SF
PROJECT: Construct a facility to house the Departure/Arrival Airfield Control Group (DAACG) and deploying personnel and cargo. (Current Mission)
REQUIREMENT: This project would provide adequate space and support for passenger terminal, operations and administration personnel and guests, and a cargo processing area. The cargo processing area will be capable of building and loading eight Air Force 463-L pallets simultaneously, storing 1,000 463-L pallets, and processing all required vehicular or miscellaneous cargo. This facility will be used for routine Divisional Deployments, such as National Training Center (NTC) rotations and annual training exercises, as well as, Inter-Service Joint Exercises, Emergency Relief Efforts, Special Operations Missions, and any mission requiring an Army Power Projection Platform. This project is consistent with the requirements identified by the Defense Mobility Requirements Study (DMRS) and is part of the Army's Strategic Mobility Plan (ASMP) to meet contingency force deployment timelines.
CURRENT SITUATION: The current nosedock hangar facility (8,470 SF), built in 1957, is without water; latrines; permanent power; emergency generators;

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

1.COMPONENT	FY 1996 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		FEBRUARY 1995

3.INSTALLATION AND LOCATION

Fort Stewart, Georgia

4.PROJECT TITLE	5.PROJECT NUMBER
Deployment Staging Area	39156

CURRENT SITUATION: (CONTINUED)
scales; heating, ventilating, and air conditioning; and rest areas for deploying soldiers. The facility has serious structural deficiencies which border on safety hazards. Cargo pallets are assembled outside in an area without shelter or permanent lighting. The facility has no airfield hangar doors, contains lead based paint, and is an energy inefficient structure. The existing aircraft loading mock-up is in disrepair and distant from the assemblage area.

IMPACT IF NOT PROVIDED: If this project is not provided, deployment will be hampered by a poor facility characterized by inadequate sanitation facilities, poor lighting, minimal protection from the elements, safety hazards, and no cargo preparation facility. In an environment characterized by round-the-clock operations, little rest, high noise, stress, multi-million dollar aircraft, and large personnel and cargo movements, these facility deficiencies become even more critical, disruptive, potentially life-threatening, and jeopardizes the mission objective of the 24th Infantry Division (Mechanized) and other units dependant upon adequate mobilization deployment facilities.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and all required physical security and/or combatting terrorism (CBT/T) measures are included. This project complies with the scope and design criteria of DOD 4270.1-M, "Construction Criteria," that were in effect 1 January 1987, as implemented by the Army's Architectural and Engineering Instructions (AEI), "Design Criteria," dated 9 December 1991, with the 18 September 1992 and all subsequent revisions included in the Design Criteria Information System (DCIS). 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) Design Start Date	MAY 1994
(b) Percent Complete As Of 01 January 95 (BDGT YR)	35
(c) Percent Complete As Of 01 October 95 (PROG YR)	100
(d) Design Complete Date	SEP 1995

(2) Basis:

(a) Standard or Definitive Design - (YES/NO) N

(b) Where Design Was Most Recently Used

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

	($000)
(a) Production of Plans and Specifications	200
(b) All Other Design Costs	482

1.COMPONENT	FY 1996 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		FEBRUARY 1995

3.INSTALLATION AND LOCATION

Fort Stewart, Georgia

4.PROJECT TITLE	5.PROJECT NUMBER
Deployment Staging Area	39156

12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

(c) Total Design Cost..... 682

(d) Contract..... 437

(e) In-house..... 245

(4) Construction Start..... MAR 1996
month & year

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

Equipment Nomenclature	Procuring Appropriation	Fiscal Year Appropriated Or Requested	Cost ($000)
Info Sys - ISC	OPA	1996	16
		TOTAL	16

PREVIOUS EDITIONS MAY BE USED INTERNALLY
UNTIL EXHAUSTED

DEPARTMENT OF THE ARMY
FISCAL YEAR 1996
MILITARY CONSTRUCTION (PART I)
(DOLLARS ARE IN THOUSANDS)

STATE	PROJECT NUMBER	INSTALLATION (COMMAND) / PROJECT TITLE	AUTHORIZATION REQUEST	APPROPRIATION REQUEST	PAGE
Kentucky		Fort Knox (TRADOC)			71
	40592	Close Combat Tactical Trainer Building	5,600	5,600	73
		Subtotal Fort Knox PART I	$ 5,600	5,600	
		* TOTAL MCA FOR Kentucky	$ 5,600	5,600	

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1. COMPONENT	FY 1996-1997 MILITARY CONSTRUCTION PROGRAM	2. DATE
ARMY		FEBRUARY 1995

3. INSTALLATION AND LOCATION	4. COMMAND	5. AREA CONSTRUCTION COST INDEX
Fort Knox Kentucky	US Army Training and Doctrine Command	0.98

6. PERSONNEL STRENGTH:

	PERMANENT			STUDENTS			SUPPORTED			
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF 30 SEP 1994	994	6985	4051	535	5214	1	66	219	3194	21,259
B. END FY 2000	820	5201	3434	516	5835	0	74	268	3222	19,370

7. INVENTORY DATA ($000)

A. TOTAL ACREAGE.....	109,210 AC
B. INVENTORY TOTAL AS OF 30 SEP 1994.....	2,234,337
C. AUTHORIZATION NOT YET IN INVENTORY.....	120,252
D. AUTHORIZATION REQUESTED IN THE FY 1996 PROGRAM.....	5,600
E. AUTHORIZATION REQUESTED IN THE FY 1997 PROGRAM.....	0
F. PLANNED IN NEXT FOUR YEARS (NEW MISSION ONLY).....	0
G. REMAINING DEFICIENCY.....	75,858
H. GRAND TOTAL.....	2,436,047

8. PROJECTS REQUESTED IN THE FY 1996 PROGRAM:

CATEGORY CODE	PROJECT NUMBER	PROJECT TITLE	COST ($000)	DESIGN STATUS START	DESIGN STATUS COMPLETE
171	40592	Close Combat Tactical Trainer Building	5,600	06/1994	08/1995
		TOTAL	5,600		

9. FUTURE PROJECTS:

CATEGORY CODE	PROJECT TITLE	COST ($000)
A. REQUESTED IN THE FY 1997 PROGRAM: NONE		
B. PLANNED NEXT FOUR 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	FY 1996-1997 MILITARY CONSTRUCTION PROGRAM	2. DATE
ARMY		FEBRUARY 1995

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

PREVIOUS EDITIONS MAY BE USED INTERNALLY
UNTIL EXHAUSTED

1.COMPONENT	FY 1996 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		FEBRUARY 1995

3.INSTALLATION AND LOCATION	4.PROJECT TITLE
Fort Knox Kentucky	Close Combat Tactical Trainer Building

5.PROGRAM ELEMENT	6.CATEGORY CODE	7.PROJECT NUMBER	8.PROJECT COST ($000)
85796A	171	40592	Auth 5,600 Approp 5,600

9.COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITY				4,457
CCTT Facility	SF	44,380	96.14	(4,267)
Hardstand	SY	3,500	38.86	(136)
EMCS Connection	LS	--	--	(7)
Building Information Systems	LS	--	--	(47)
SUPPORTING FACILITIES				617
Electric Service	LS	--	--	(66)
Water, Sewer, Gas	LS	--	--	(41)
Paving, Walks, Curbs And Gutters	LS	--	--	(329)
Storm Drainage	LS	--	--	(76)
Site Imp(50) Demo( )	LS	--	--	(50)
Information Systems	LS	--	--	(55)
ESTIMATED CONTRACT COST				5,074
CONTINGENCY PERCENT (5.00%)				254
SUBTOTAL				5,328
SUPERVISION, INSPECTION & OVERHEAD (6.00%)				320
TOTAL REQUEST				5,648
TOTAL REQUEST (ROUNDED)				5,600
INSTALLED EQUIPMENT-OTHER APPROPRIATIONS				(9,418)

10.Description of Proposed Construction

Construct a close combat tactical trainer (CCTT) facility as part of a Regional Mounted Warfare Simulation Complex with 38 fixed tactical vehicle modules. Project includes a simulator bay, raised flooring, a maintenance area, after-action review rooms, conference room, fire protection and alarm systems, office space, library, mechanical room, mud room, storage area and hardstand. Connect energy monitoring and control system (EMCS). Supporting facilities include utilities; electric service; exterior lighting; security fencing and gates; paving, walks, curbs and gutters; access road; parking; storm drainage; information systems; data link with existing simulations complex; and site improvements. Access for the handicapped will be provided. Heating will be provided by gas-fired self-contained system. Air conditioning: 175 tons.

11. REQUIREMENT: 164,492 SF ADEQUATE: NONE SUBSTANDARD: 120,692 SF

PROJECT: Construct a close combat tactical training facility. (New Mission)

REQUIREMENT: This project is required to support a combined arms tactical training system complex. This facility and equipment will provide the capability to train individual and collective (crew through battalion task force) tasks and skills in command, control, and communications, and maneuver,

1.COMPONENT	FY 1996 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		FEBRUARY 1995

3.INSTALLATION AND LOCATION

Fort Knox, Kentucky

4.PROJECT TITLE	5.PROJECT NUMBER
Close Combat Tactical Trainer Building	40592

REQUIREMENT: (CONTINUED)
and integrate the functions of combat support and combat service support units. The facility will house a group of fully interactive networked emulators and command, control, and communications work stations, simulating the vehicles and weapons systems of an armor battalion task force and its supporting combat, combat support, and combat service support elements, operating on an emulated real-time battlefield. This training facility will provide highly effective, combined arms training in a simulation environment. Training received in this facility will greatly reduce the requirement for expensive, equipment intensive, field tactical exercises.

CURRENT SITUATION: This project will support a new Army/Department of Defense initiative for a worldwide training system. Adequate facilities to support this developing family of training simulators are not available at Fort Knox. Currently, tactical combined arms training is achieved by using tactical vehicles and soldiers in field training exercises. This expensive, equipment intensive method of training reduces the operational life of tactical equipment.

IMPACT IF NOT PROVIDED: If this project is not provided, greater reliance on the use of field exercises will continue. Increasing costs, decreasing budgets, and environmental concerns are eroding the amount and quality of tactical combat training provided to modern soldiers. If not provided, this project will prevent the Army from providing a lower cost alternative to augment and enhance field training. Field exercises will continue to place unnecessary wear and tear on combat equipment and consume large quantities of fuel. The Army will lack the opportunity to train for tactical superiority in the battlefield environment.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and all required physical security and/or combatting terrorism (CBT/T) measures are included. This project complies with the scope and design criteria of DOD 4270.1-M, "Construction Criteria," that were in effect 1 January 1987, as implemented by the Army's Architectural and Engineering Instructions (AEI), "Design Criteria," dated 9 December 1991, with the 18 September 1992 and all subsequent revisions included in the Design Criteria Information System (DCIS). Alternative methods of meeting this requirement have been explored during project development. An economic analysis has been prepared and utilized in evaluating this project.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

(a) Design Start Date	JUN 1994
(b) Percent Complete As Of 01 January 95 (BDGT YR)	50
(c) Percent Complete As Of 01 October 95 (PROG YR)	100
(d) Design Complete Date	AUG 1995

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

1.COMPONENT	FY 1996 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		FEBRUARY 1995

3.INSTALLATION AND LOCATION

Fort Knox, Kentucky

4.PROJECT TITLE	5.PROJECT NUMBER
Close Combat Tactical Trainer Building	40592

12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

(2) Basis:

(a) Standard or Definitive Design - (YES/NO) Y

(b) Where Design Was Most Recently Used
Fort Hood

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

(a)	Production of Plans and Specifications.....	336
(b)	All Other Design Costs.....	96
(c)	Total Design Cost.....	432
(d)	Contract.....	300
(e)	In-house.....	132

(4) Construction Start..... MAR 1996
month & year

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

Equipment Nomenclature	Procuring Appropriation	Fiscal Year Appropriated Or Requested	Cost ($000)
Simulators	OPA	1997	9,410
Info Sys - ISC	OPA	1996	8
		TOTAL	9,418

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DEPARTMENT OF THE ARMY
FISCAL YEAR 1996
MILITARY CONSTRUCTION (PART I)
(DOLLARS ARE IN THOUSANDS)

STATE	PROJECT NUMBER	INSTALLATION (COMMAND) / PROJECT TITLE	AUTHORIZATION REQUEST	APPROPRIATION REQUEST	PAGE
New York		Watervliet Arsenal (AMC)			79
	13052	Oil Runoff Containment Facility	680	680	81
		Subtotal Watervliet Arsenal PART I	$ 680	680	
		* TOTAL MCA FOR New York	$ 680	680	

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1. COMPONENT	FY 1996-1997 MILITARY CONSTRUCTION PROGRAM	2. DATE
ARMY		FEBRUARY 1995

3. INSTALLATION AND LOCATION	4. COMMAND	5. AREA CONSTRUCTION COST INDEX
Watervliet Arsenal New York	US Army Materiel Command	1.10

6. PERSONNEL STRENGTH:

	PERMANENT			STUDENTS			SUPPORTED			
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF 30 SEP 1994	9	0	1598	0	0	0	0	0	134	1,741
B. END FY 2000	4	0	1294	0	0	0	0	0	83	1,381

7. INVENTORY DATA ($000)

A. TOTAL ACREAGE.....	140 AC
B. INVENTORY TOTAL AS OF 30 SEP 1994.....	380,057
C. AUTHORIZATION NOT YET IN INVENTORY.....	10,152
D. AUTHORIZATION REQUESTED IN THE FY 1996 PROGRAM.....	680
E. AUTHORIZATION REQUESTED IN THE FY 1997 PROGRAM.....	0
F. PLANNED IN NEXT FOUR YEARS (NEW MISSION ONLY).....	0
G. REMAINING DEFICIENCY.....	2,850
H. GRAND TOTAL.....	393,739

8. PROJECTS REQUESTED IN THE FY 1996 PROGRAM:

CATEGORY CODE	PROJECT NUMBER	PROJECT TITLE	COST ($000)	DESIGN STATUS START	DESIGN STATUS COMPLETE
833	13052	Oil Runoff Containment Facility	680	05/1994	02/1995
		TOTAL	680		

9. FUTURE PROJECTS:

CATEGORY CODE	PROJECT TITLE	COST ($000)

A. REQUESTED IN THE FY 1997 PROGRAM: NONE

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

10. MISSION OR MAJOR FUNCTIONS:

To perform manufacturing, industrial, and value engineering for assigned materiel and the required production engineering to support procurement, production and mobilization. Materiel assignments include mortars, recoilless rifles, cannon for tanks, towed and self-propelled artillery and components of these end items.

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:

	($000)
A. AIR POLLUTION	0
B. WATER POLLUTION	680
C. OCCUPATIONAL SAFETY AND HEALTH	0

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1.COMPONENT	FY 1996 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		FEBRUARY 1995

3.INSTALLATION AND LOCATION	4.PROJECT TITLE
Watervliet Arsenal New York	Oil Runoff Containment Facility

5.PROGRAM ELEMENT	6.CATEGORY CODE	7.PROJECT NUMBER	8.PROJECT COST ($000)	
			Auth	680
72856A	833	13052	Approp	680

9.COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITY				432
Oil Storage Tank	GA	2,000	9.00	(18)
Chip Collection Bldg.	SF	1,900	202.74	(385)
Pile Foundation	LF	400	70.39	(28)
Building Information Systems	LS	--	--	(1)
SUPPORTING FACILITIES				179
Paving, Walks, Curbs And Gutters	LS	--	--	(15)
Site Imp(161) Demo( )	LS	--	--	(161)
Information Systems	LS	--	--	(3)
ESTIMATED CONTRACT COST				611
CONTINGENCY PERCENT (5.00%)				31
SUBTOTAL				642
SUPERVISION, INSPECTION & OVERHEAD (6.00%)				39
TOTAL REQUEST				681
TOTAL REQUEST (ROUNDED)				680
INSTALLED EQUIPMENT-OTHER APPROPRIATIONS				(0)

10.Description of Proposed Construction Construct a covered handling and storage area for collection of metal chips from machining operations. The facility includes material handling facilities, crane (5 ton), and an oil collection system that includes drains and oil waste collection tanks. Special pile foundation work is required. Supporting facilities include aprons, removal of existing concrete, and information systems.

11. REQUIREMENT: 1,900 SF ADEQUATE: NONE SUBSTANDARD: 4,225 SF
PROJECT: Construct an oil runoff containment facility. (Current Mission)
REQUIREMENT: This project is required to correct deficiencies in the existing water pollution control system, and to comply with pollution control laws. Some metal chips from machine processes retain soluble coolant oils on their surfaces. A positive means of collecting and storing these chips to ensure they do not contact rainwater, and that the oils do not run off into storm sewers or the Hudson River, or contaminate the ground areas is required. Delay in this project will continue problems of pollution control and could result in pollution of the Hudson River.

1.COMPONENT	FY 1996 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		FEBRUARY 1995

3.INSTALLATION AND LOCATION

Watervliet Arsenal, New York

4.PROJECT TITLE	5.PROJECT NUMBER
Oil Runoff Containment Facility	13052

CURRENT SITUATION: Chips are currently handled in an earthen area in the Defense Reutilization Marketing Office (DRMO) yard. Soil contamination has occurred as a result of oil dripping off the chips during transfer from containers with an industrial magnet. This operation is in violation of environmental laws. There have been two documented oil spills in the last two years. The Watervliet Arsenal has not yet received a citation for this violation, only because of the knowledge that this project is pending approval. During fiscal year 1992, Watervliet Arsenal produced 1,136 gross tons of waste metal chips.

IMPACT IF NOT PROVIDED: If this project is not provided, soil contamination will continue and will result in violation of New York State National Pollution Discharge Elimination Systems Permit, and of environmental laws. If this situation is allowed to continue, contamination of groundwater, and ultimately the Hudson River may occur, resulting in shut down of the operation. The Army will be held liable for this contamination, and will be subject to high fines and clean up costs. The chip managing operation is a continuous operation, and if disrupted will interfere in the production operations as a whole. The Watervliet Arsenal has been in jeopardy of receiving citations for many years, however has managed to avoid them by informing the pertinent agencies of this containment project, which has been pending approval.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and no physical security and/or combatting terrorism (CBT/T) measures are required. This project complies with the scope and design criteria of DOD 4270.1-M, "Construction Criteria," that were in effect 1 January 1987, as implemented by the Army's Architectural and Engineering Instruction (AEI), "Design Criteria," dated 9 December 1991, with the 18 September 1992 and all subsequent revisions included in the Design Criteria Information System (DCIS). 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) Design Start Date	MAY 1994
(b) Percent Complete As Of 01 January 95 (BDGT YR)	98
(c) Percent Complete As Of 01 October 95 (PROG YR)	100
(d) Design Complete Date	FEB 1995

(2) Basis:

(a) Standard or Definitive Design - (YES/NO) N

(b) Where Design Was Most Recently Used

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

1. COMPONENT	FY 1996 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
ARMY		FEBRUARY 1995

3. INSTALLATION AND LOCATION

Watervliet Arsenal, New York

4. PROJECT TITLE	5. PROJECT NUMBER
Oil Runoff Containment Facility	13052

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	40
(b)	All Other Design Costs	110
(c)	Total Design Cost	150
(d)	Contract	75
(e)	In-house	75

(4) Construction Start ..... FEB 1996
month & year

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			

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DEPARTMENT OF THE ARMY
FISCAL YEAR 1996
MILITARY CONSTRUCTION (PART I)
(DOLLARS ARE IN THOUSANDS)

STATE	PROJECT NUMBER	INSTALLATION (COMMAND) / PROJECT TITLE	AUTHORIZATION REQUEST	APPROPRIATION REQUEST	PAGE
North Carolina		Fort Bragg (FORSCOM)			87
	40871	Staging Area Complex	11,200	11,200	89
	41160	Whole Barracks Complex Renewal	18,500	18,500	93
		Subtotal Fort Bragg PART I	$ 29,700	29,700	
		* TOTAL MCA FOR North Carolina	$ 29,700	29,700	

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1. COMPONENT	FY 1996-1997 MILITARY CONSTRUCTION PROGRAM	2. DATE
ARMY		FEBRUARY 1995

3. INSTALLATION AND LOCATION	4. COMMAND	5. AREA CONSTRUCTION COST INDEX
Fort Bragg North Carolina	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 1994	5520	36751	5061	292	1498	0	51	38	3480	52,691
B. END FY 2000	5204	35000	4252	373	1482	0	182	565	4989	52,047

7. INVENTORY DATA ($000)

A. TOTAL ACREAGE.....	149,139 AC
B. INVENTORY TOTAL AS OF 30 SEP 1994.....	2,776,345
C. AUTHORIZATION NOT YET IN INVENTORY.....	241,177
D. AUTHORIZATION REQUESTED IN THE FY 1996 PROGRAM.....	29,700
E. AUTHORIZATION REQUESTED IN THE FY 1997 PROGRAM.....	0
F. PLANNED IN NEXT FOUR YEARS (NEW MISSION ONLY).....	0
G. REMAINING DEFICIENCY.....	250,428
H. GRAND TOTAL.....	3,297,650

8. PROJECTS REQUESTED IN THE FY 1996 PROGRAM:

CATEGORY CODE	PROJECT NUMBER	PROJECT TITLE	COST ($000)	DESIGN STATUS START	DESIGN STATUS COMPLETE
721	41160	Whole Barracks Complex Renewal	18,500	04/1994	09/1995
141	40871	Staging Area Complex	11,200	09/1994	10/1995
		TOTAL	29,700		

9. FUTURE PROJECTS:

CATEGORY CODE	PROJECT TITLE	COST ($000)

A. REQUESTED IN THE FY 1997 PROGRAM: NONE

B. PLANNED NEXT FOUR 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.

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 1996 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		FEBRUARY 1995

3.INSTALLATION AND LOCATION	4.PROJECT TITLE
Fort Bragg North Carolina	Staging Area Complex

5.PROGRAM ELEMENT	6.CATEGORY CODE	7.PROJECT NUMBER	8.PROJECT COST ($000)
22696A	141	40871	Auth 11,200 Approp 11,200

9.COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITY				6,640
Passenger Shelters	SF	47,489	58.00	(2,755)
Initial Ready Company	SF	18,754	132.85	(2,491)
Control Bunker	SF	44	182.40	(8)
Viewing Platform	SF	1,051	39.00	(41)
Renovate Latrine	SF	450	48.16	(22)
Total from Continuation page				(1,323)
SUPPORTING FACILITIES				3,447
Electric Service	LS	--	--	(137)
Water, Sewer, Gas	LS	--	--	(303)
Steam And/Or Chilled Water Distr	LS	--	--	(46)
Paving, Walks, Curbs And Gutters	LS	--	--	(380)
Storm Drainage	LS	--	--	(102)
Site Imp(1,332) Demo(20)	LS	--	--	(1,352)
Information Systems	LS	--	--	(1,127)
ESTIMATED CONTRACT COST				10,087
CONTINGENCY PERCENT (5.00%)				504
SUBTOTAL				10,591
SUPERVISION, INSPECTION & OVERHEAD (6.00%)				635
TOTAL REQUEST				11,226
TOTAL REQUEST (ROUNDED)				11,200
INSTALLED EQUIPMENT-OTHER APPROPRIATIONS				(23)

10.Description of Proposed Construction

Construct the first phase of a staging complex. Work includes construction of one troop shelter; parachute rigging/ammunition holding facility for the initial ready company (IRC); sentry station; mockups and parachute landing fall (PLF) platforms. Relocate Rifle Range Road, Hurst Drive and Range 6. Supporting facilities include utilities; electric service; fire protection and alarm systems; paving, walks, curbs and gutters; storm drainage; security fencing, gates, and lighting; fuel storage tank; information systems; and site improvements. Heating will be provided by oil fired boilers. Air conditioning: 230 tons. Demolish four buildings (5,807 SF) and pavement (3,557 SY).

11. REQUIREMENT: 138,300 SF ADEQUATE: 1,500 SF SUBSTANDARD: 10,000 SF

PROJECT: Construct the first phase of a staging complex adjacent to Green Ramp at Pope Air Force Base (AFB), North Carolina. (Current Mission)

REQUIREMENT: This project is required to provide an adequate protective shelter and jump trainers for our deploying troops and to provide a parachute rigging and ammunition storage facility to support the deployment of the 82d Airborne Division and other nondivisional rapid deployment units and to eliminate a safety violation identified by the Department of Defense Explosive

1.COMPONENT	FY 1996 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		FEBRUARY 1995

3.INSTALLATION AND LOCATION

Fort Bragg, North Carolina

4.PROJECT TITLE	5.PROJECT NUMBER
Staging Area Complex	40871

9. COST ESTIMATES (CONTINUED)

Item	U/M	QTY	Unit COST	Cost ($000)
PRIMARY FACILITY (CONTINUED)				
Well Shelter	SF	91	157.54	(14)
Boiler Room	SF	100	900.98	(90)
Paving	SY	55,810	21.39	(1,194)
Building Information Systems	LS	--	--	(25)
			Total	1,323

REQUIREMENT: (CONTINUED)
Safety Board (DDESB). This is the first phase of a five phase plan to develop a ready brigade staging complex consisting of Arrival/Departure Airfield Control Group (A/DACG) facilities; heavy drop rigging facility; ammunition holding area; and a Corps marshalling area. This staging complex is essential to enhance Fort Bragg's readiness posture and ensure a smooth and rapid deployment. Efficiency and speed with which personnel can deploy, and equipment and supplies can be prepared, rigged, and transported are critical for quick response to worldwide crisis missions. This project is the beginning of a major cooperative effort by the Army and the Air Force to develop a new power projection platform to support the mission of Fort Bragg and Pope AFB. This project is consistent with the requirements identified by the Defense Mobility Requirements Study (DMRS) and is part of the Army's Strategic Mobility Plan (ASMP) to meet contingency force deployment timelines.
CURRENT SITUATION: As a result of recent emergency deployment readiness exercises (EDREs) and actual deployments to Grenada, Panama, and Southwest Asia, many basic deficiencies have been identified. The two deficiencies resolved with this project are the care of our troops and the IRC ammunition holding area. Currently, there is inadequate space at the A/DACG for the staging of troop personnel waiting to board aircraft. The existing troop shelter is a metal warehouse-type building with makeshift office space which holds seven C-130 or three C-141 paratrooper loads. This is equivalent to 420 jumpers or 500 airland passengers. This is seriously undersized since a Division Ready Brigade (DRB) consists of 3,000 soldiers. The facility also lacks any climate control features. Tracked and multi-purpose wheeled vehicles, rigged with ammunition, are currently stored within the existing heavy drop rigging facility (HDRF). The explosives stored at the HDRF present a safety hazard with danger to all personnel and property within 1,250 feet of where the ammunition is stored. The DDESB has identified the storing of ammunition in the HDRF as a serious deficiency with the potential for accidental explosion.
IMPACT IF NOT PROVIDED: If this project is not provided, deployment delays will continue to be encountered and paratroopers will be in a less ready combat state on arrival at their objective area. There also will be the

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

1.COMPONENT	FY 1996 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		FEBRUARY 1995

3.INSTALLATION AND LOCATION

Fort Bragg, North Carolina

4.PROJECT TITLE	5.PROJECT NUMBER
Staging Area Complex	40871

IMPACT IF NOT PROVIDED: (CONTINUED)
continued potential for personnel injuries from an accidental explosion due to the storage of ammunition at the HDRF.
ADDITIONAL: This project has been coordinated with the installation physical security plan, and all required physical security and/or combatting terrorism (CBT/T) measures are included. This project complies with the scope and design criteria of DOD 4270.1-M, "Construction Criteria," that were in effect 1 January 1987, as implemented by the Army's Architectural and Engineering Instructions (AEI), "Design Criteria," dated 9 December 1991, with the 18 September 1992 and all subsequent revisions included in the Design Criteria Information System (DCIS). An economic analysis has been prepared and utilized in evaluating this project.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

(a)	Design Start Date	SEP 1994
(b)	Percent Complete As Of 01 January 95 (BDGT YR)	35
(c)	Percent Complete As Of 01 October 95 (PROG YR)	100
(d)	Design Complete Date	OCT 1995

(2) Basis:

(a) Standard or Definitive Design - (YES/NO) N
(b) Where Design Was Most Recently Used

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

		($000)
(a)	Production of Plans and Specifications	450
(b)	All Other Design Costs	420
(c)	Total Design Cost	870
(d)	Contract	540
(e)	In-house	330

(4) Construction Start: MAY 1996 (month & year)

1. COMPONENT	FY 1996 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
ARMY		FEBRUARY 1995

3. INSTALLATION AND LOCATION

Fort Bragg, North Carolina

4. PROJECT TITLE	5. PROJECT NUMBER
Staging Area Complex	40871

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)
Info Sys - ISC	OPA	0000	23
		TOTAL	23

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

1.COMPONENT	FY 1996 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		FEBRUARY 1995

3.INSTALLATION AND LOCATION	4.PROJECT TITLE
Fort Bragg North Carolina	Whole Barracks Complex Renewal

5.PROGRAM ELEMENT	6.CATEGORY CODE	7.PROJECT NUMBER	8.PROJECT COST ($000)	
			Auth	18,500
22696A	721	41160	Approp	18,500

9.COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITY				13,141
Barracks	SF	84,000	97.50	(8,190)
Soldier Community Building	SF	8,500	97.50	(829)
Company Operations Fac. (5 EA)	SF	29,870	91.00	(2,718)
Chiller	TN	600	495.00	(297)
IDS Installation	LS	--	--	(36)
Total from Continuation page				(1,071)
SUPPORTING FACILITIES				3,258
Electric Service	LS	--	--	(653)
Water, Sewer, Gas	LS	--	--	(86)
Steam And/Or Chilled Water Distr	LS	--	--	(473)
Paving, Walks, Curbs And Gutters	LS	--	--	(445)
Storm Drainage	LS	--	--	(143)
Site Imp(1,030) Demo(111)	LS	--	--	(1,141)
Information Systems	LS	--	--	(317)
ESTIMATED CONTRACT COST				16,399
CONTINGENCY PERCENT (5.00%)				820
SUBTOTAL				17,219
SUPERVISION, INSPECTION & OVERHEAD (6.00%)				1,033
TOTAL REQUEST				18,252
TOTAL REQUEST (ROUNDED)				18,500
INSTALLED EQUIPMENT-OTHER APPROPRIATIONS				(2,955)

10.Description of Proposed Construction

Revitalize Brigade Area Barracks Complex. Project includes constructing three barracks with five semi-detached small company operations facilities (COF) and a semi-detached soldier community building. Barracks will include interior entrance, living/sleeping rooms, private bath, walk-in closets, ceiling fans, fire proteciton and alarm systems, and independent thermostat control rooms. Soldier community building includes mailroom, storage, dayroom, television room, kitchen, and laundry. Interior design services are required. Connect energy monitoring and control systems (EMCS). Install an intrusion detection system (IDS). Supporting facilities include utilities; electric service; picnic tables, benches, and bike racks; paving, walks, curbs and gutters; parking; storm drainage; information systems; asbestos removal; and site improvements. Access for the handicapped will be provided in certain administrative areas only (COFs are excluded). Heating (oil-fired) and air conditioning (420 tons) will be provided by an existing central energy plant with a chiller (600 tons) to augment the system. Demolish three temporary World War II buildings (12,332 SF) within the footprint.

1.COMPONENT	FY 1996 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		FEBRUARY 1995

3.INSTALLATION AND LOCATION

Fort Bragg, North Carolina

4.PROJECT TITLE	5.PROJECT NUMBER
Whole Barracks Complex Renewal	41160

9. COST ESTIMATES (CONTINUED)

Item	U/M	QTY	Unit COST	Cost ($000)
PRIMARY FACILITY (CONTINUED)				
EMCS Connection	LS	--	--	(99)
Building Information Systems	LS	--	--	(972)
			Total	1,071

11. REQUIREMENT: 20,577 PN ADEQUATE: 13,840 PN SUBSTANDARD: NONE

PROJECT: Revitalize a Company Area Barracks Complex to meet the Whole Barracks Renewal Program Standard. (Current Mission)

REQUIREMENT: This project is required to complete the final phase of 1st Corps Support Command (COSCOM) barracks and company operations and supply construction. It will also provide barracks for the Corps Combat Aviation Brigade that was activated in 1989. The project will provide housing for a total (intended utilization) of 211 enlisted personnel (188 E1-E4 and 23 E5-E6). The maximum utilization for the barracks is 234 personnel. These barracks require furnishings, laundry, common use areas, site improvements around barracks, increased parking, and contiguous recreation areas. Constructing these barracks facilities will meet the ultimate goal of improving the quality-of-life for billeted soldiers and will help alleviate the lack of adequate on-post housing for unaccompanied personnel.

CURRENT SITUATION: First COSCOM provides food, fuel, clothing, equipment, and maintenance support to the XVIII Airborne Corps and Army elements of the US Central Command. In addition, COSCOM provides food and shelter for survivors of hurricanes, flooding, and other natural disasters as directive by the President of the United States. COSCOM requires mission consolidation of its support network into a single complex to facilitate complete command and control. Company operations and supply functions occupying converted World War II wooden barracks do not provide authorized square footage allocations nor specialized areas for nuclear, biological, and chemical (NBC) storage and communications equipment. Upkeep requires excessive maintenance man-hours, supplies, and energy consumption that disproportionately affects existing operations and maintenance dollars. This project is the last phase of the 1st COSCOM barracks program that began in FY 83. When it is complete, all COSCOM troops requiring on-post housing will be consolidated in one area in permanent barracks with readily accessible operations and supply facilities. The lack of adequate permanent quarters has required personnel to be dispersed postwide and many eligible COSCOM personnel to live off-post in substandard, overpriced housing. This project will also provide barracks for the Corps Combat Aviation Brigade. New barracks at the location will provide troop housing in close proximity to Simmons Army Airfield where the troops work.

IMPACT IF NOT PROVIDED: If this project is not provided, the COSCOM and

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

1.COMPONENT	FY 1996 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		FEBRUARY 1995

3.INSTALLATION AND LOCATION

Fort Bragg, North Carolina

4.PROJECT TITLE	5.PROJECT NUMBER
Whole Barracks Complex Renewal	41160

IMPACT IF NOT PROVIDED: (CONTINUED)
Aviation Brigade troops and operations will remain dispersed throughout Fort Bragg and consolidation of COSCOM troops will not be possible. First COSCOM and the Corps' Aviation Brigade are first-level support for the XVIII Airborne Corps. Lack of adequate barracks facilities with operations and supply facility located in a consolidated complex will continue to affect readiness posture and sustaining support actions.
ADDITIONAL: This project has been coordinated with the installation physical security plan, and all required physical security and/or combatting terrorism (CBT/T) measures are included. This project complies with the scope and design criteria of DOD 4270.1-M, "Construction Criteria," that were in effect 1 January 1987, as implemented by the Army's Architectural and Engineering Instructions (AEI), "Design Criteria," dated 9 December 1991, with the 18 September 1992 and all subsequent revisions included in the Design Criteria Information System (DCIS). 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) Design Start Date	APR 1994
(b) Percent Complete As Of 01 January 95 (BDGT YR)	50
(c) Percent Complete As Of 01 October 95 (PROG YR)	100
(d) Design Complete Date	SEP 1995

(2) Basis:

(a) Standard or Definitive Design - (YES/NO) Y
(b) Where Design Was Most Recently Used
USACE

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

	($000)
(a) Production of Plans and Specifications	900
(b) All Other Design Costs	1,090
(c) Total Design Cost	1,990
(d) Contract	
(e) In-house	1,990

(4) Construction Start: APR 1996
month & year

1.COMPONENT	FY 1996 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		FEBRUARY 1995

3.INSTALLATION AND LOCATION

Fort Bragg, North Carolina

4.PROJECT TITLE	5.PROJECT NUMBER
Whole Barracks Complex Renewal	41160

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	1996	240
Info Sys - ISC	OPA	1996	2,715
		TOTAL	2,955

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

DEPARTMENT OF THE ARMY
FISCAL YEAR 1996
MILITARY CONSTRUCTION (PART I)
(DOLLARS ARE IN THOUSANDS)

STATE	PROJECT NUMBER	INSTALLATION (COMMAND) / PROJECT TITLE	AUTHORIZATION REQUEST	APPROPRIATION REQUEST	PAGE
Oklahoma		Fort Sill (TRADOC)			99
	39263	Central Vehicle Wash Facility	6,300	6,300	101
		Subtotal Fort Sill PART I	$ 6,300	6,300	
		* TOTAL MCA FOR Oklahoma	$ 6,300	6,300	

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1. COMPONENT	FY 1996-1997 MILITARY CONSTRUCTION PROGRAM	2. DATE
ARMY		FEBRUARY 1995

3. INSTALLATION AND LOCATION	4. COMMAND	5. AREA CONSTRUCTION COST INDEX
Fort Sill Oklahoma	US Army Training and Doctrine Command	0.88

6. PERSONNEL STRENGTH:

	PERMANENT			STUDENTS			SUPPORTED			
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF 30 SEP 1994	1208	10588	2231	740	4412	0	171	273	2778	22,401
B. END FY 2000	1228	9607	1974	587	5845	0	71	143	3687	23,142

7. INVENTORY DATA ($000)

A. TOTAL ACREAGE.....	94,223 AC
B. INVENTORY TOTAL AS OF 30 SEP 1994.....	1,594,989
C. AUTHORIZATION NOT YET IN INVENTORY.....	69,023
D. AUTHORIZATION REQUESTED IN THE FY 1996 PROGRAM.....	6,300
E. AUTHORIZATION REQUESTED IN THE FY 1997 PROGRAM.....	0
F. PLANNED IN NEXT FOUR YEARS (NEW MISSION ONLY).....	0
G. REMAINING DEFICIENCY.....	150,352
H. GRAND TOTAL.....	1,820,664

8. PROJECTS REQUESTED IN THE FY 1996 PROGRAM:

CATEGORY CODE	PROJECT NUMBER	PROJECT TITLE	COST ($000)	DESIGN STATUS START	DESIGN STATUS COMPLETE
214	39263	Central Vehicle Wash Facility	6,300	09/1994	08/1995
		TOTAL	6,300		

9. FUTURE PROJECTS:

CATEGORY CODE	PROJECT TITLE	COST ($000)
A. REQUESTED IN THE FY 1997 PROGRAM: NONE		
B. PLANNED NEXT FOUR PROGRAM YEARS (NEW MISSION ONLY): NONE		

10. MISSION OR MAJOR FUNCTIONS:

Support and training of artillery and missile units, operation of the US Army Field Artillery Center and School, US Army Reception Center and provides support for tenant activities and Reserve Components summer training.

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 1996 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		FEBRUARY 1995

3.INSTALLATION AND LOCATION	4.PROJECT TITLE
Fort Sill Oklahoma	Central Vehicle Wash Facility

5.PROGRAM ELEMENT	6.CATEGORY CODE	7.PROJECT NUMBER	8.PROJECT COST ($000)
85756A	214	39263	Auth 6,300 Approp 6,300

9.COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITY				5,310
Central Pump Station	SF	2,232	327.00	(730)
Control Building	SF	1,200	160.29	(192)
Water Storage Tank	GA	240,000	.79	(190)
Bird Baths	EA	2	127,760	(256)
Sediment Structures	SY	1,927	336.81	(649)
Total from Continuation page				(3,293)
SUPPORTING FACILITIES				371
Electric Service	LS	--	--	(157)
Water, Sewer, Gas	LS	--	--	(59)
Site Imp(146) Demo( )	LS	--	--	(146)
Information Systems	LS	--	--	(9)
ESTIMATED CONTRACT COST				5,681
CONTINGENCY PERCENT (5.00%)				284
SUBTOTAL				5,965
SUPERVISION, INSPECTION & OVERHEAD (6.00%)				358
TOTAL REQUEST				6,323
TOTAL REQUEST (ROUNDED)				6,300
INSTALLED EQUIPMENT-OTHER APPROPRIATIONS				(1)

10.Description of Proposed Construction

Construct a centralized track and wheel vehicle wash facility. Project includes one track and one wheel vehicle prewash baths and 15 each combination post bath vehicle wash stations. Support structures will include a control building; pump station and building; recycled water treatment facility comprised of sedimentation and equilization basins, sand filters and retention pond; paving; and access roads. Connect energy monitoring and control system (EMCS). Supporting facilities include utilities, electric service, exterior lighting, security fencing and gates, information systems, and site improvements. Heating (gas-fired) and air conditioning (2 tons) will be provided by self-contained systems for the control building.

11. REQUIREMENT: 2 EA ADEQUATE: NONE SUBSTANDARD: NONE

PROJECT: Construct a centralized vehicle wash facility (East Range). (Current Mission)

REQUIREMENT: This project is required to eliminate water pollution created by exterior vehicle washing at the existing motor pools. Project will substantially reduce the point source toxic pollution of area waterways and the Fort Sill wastewater treatment plant influent from 23 separate wash racks now in use. The elimination of oily residues, toxic materials, and suspended

1.COMPONENT	FY 1996 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		FEBRUARY 1995

3.INSTALLATION AND LOCATION

Fort Sill, Oklahoma

4.PROJECT TITLE	5.PROJECT NUMBER
Central Vehicle Wash Facility	39263

9. COST ESTIMATES (CONTINUED)

Item	U/M	QTY	Unit COST	Cost ($000)
PRIMARY FACILITY (CONTINUED)				
Sand Filters	SY	7,150	123.11	(880)
Equilization Basins	SY	3,736	44.53	(166)
Water Supply Basin	SY	4,450	25.88	(115)
Wash Towers	EA	15	20,991	(315)
Piping	LF	7,249	32.00	(232)
Valves and Fittings	LS	--	--	(177)
Chlorination Facility	LS	--	--	(18)
Paving	SY	17,289	32.00	(553)
Roads	SY	6,493	17.00	(110)
Earthwork	CY	143,000	4.80	(686)
EMCS Connection	LS	--	--	(39)
Building Information Systems	LS	--	--	(2)
			Total	3,293

REQUIREMENT: (CONTINUED)
solids which discharge into the sanitary system is needed because the treatment plant is not designed to accommodate this type of influent. This project will also eliminate the need to routinely clean roads and hardstands within the cantonment area when units return to their motor pools. Project supports approximately 900 wheeled and 300 tracked vehicles.

CURRENT SITUATION: Vehicles are currently washed on concrete wash platforms collocated within each motor pool. Soil and oil frequently bypass inadequately sized traps, causing an environmentally devastating effect to surface water drainage and the sewage treatment plant. Since October, 1989, Fort Sill has been required by Region 6 Environmental Protection Agency (EPA) and the Oklahoma State Department of Health to perform monthly toxic analysis utilizing the method of Chronic Biomonitoring. A Toxic Identification Evaluation Study was performed by the EPA laboratory in Duluth, Minnesota. Results revealed that the element nickel was toxic in Fort Sill's wastewater when present in amounts above 24 parts per billion. The toxic is in the influent and effluent of the Fort Sill's wastewater treatment plant and in the creek water above the outfall structure of the plant. This toxic element is primarily coming from existing vehicle wash racks. During periods of heavy rain, toxic problem becomes worse due to high levels of inflow from existing wash racks. Fort Sill is out of compliance and currently in violation of its permit even though toxicity tests continues. This project avoids potential Notices of Violation and Administrative Order from Region 6 EPA and the Oklahoma State Department of Health and cost of $750,000 per month or $9,000,000 per year in fines by correcting problems of toxic discharge from existing vehicle wash racks.

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

1.COMPONENT	FY 1996 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		FEBRUARY 1995

3.INSTALLATION AND LOCATION

Fort Sill, Oklahoma

4.PROJECT TITLE	5.PROJECT NUMBER
Central Vehicle Wash Facility	39263

IMPACT IF NOT PROVIDED: If this project is not provided, toxic discharges from wash racks will continue and cause continued violations of the State and Federal permits. Fort Sill will receive a Notice of Violation and Administrative Order from Region 6 EPA and the Oklahoma State Department of Health to eliminate the toxic discharges into the creeks on Fort Sill, and influent to the wastewater treatment plant.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and all required physical security and/or combatting terrorism (CBT/T) measures are included. This project complies with the scope and design criteria of DOD 4270.1-M, "Construction Criteria," that were in effect 1 January 1987, as implemented by the Army's Architectural and Engineering Instructions (AEI), "Design Criteria," dated 9 December 1991, with the 18 September 1992 and all subsequent revisions included in the Design Criteria Information System (DCIS). Alternative methods of meeting this requirement have been explored during project development. An economic analysis has been prepared and utilized in evaluating this project.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

(a) Design Start Date	SEP 1994
(b) Percent Complete As Of 01 January 95 (BDGT YR)	35
(c) Percent Complete As Of 01 October 95 (PROG YR)	100
(d) Design Complete Date	AUG 1995

(2) Basis:

(a) Standard or Definitive Design - (YES/NO) N

(b) Where Design Was Most Recently Used

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

	($000)
(a) Production of Plans and Specifications	245
(b) All Other Design Costs	353
(c) Total Design Cost	598
(d) Contract	398
(e) In-house	200

(4) Construction Start: JAN 1996 (month & year)

1.COMPONENT	FY 1996 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		FEBRUARY 1995

3.INSTALLATION AND LOCATION

Fort Sill, Oklahoma

4.PROJECT TITLE	5.PROJECT NUMBER
Central Vehicle Wash Facility	39263

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)
Info Sys - ISC	OPA	1996	1
		TOTAL	1

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

DEPARTMENT OF THE ARMY
FISCAL YEAR 1996
MILITARY CONSTRUCTION (PART I)
(DOLLARS ARE IN THOUSANDS)

STATE	PROJECT NUMBER	INSTALLATION (COMMAND) / PROJECT TITLE	AUTHORIZATION REQUEST	APPROPRIATION REQUEST	PAGE
South Carolina		Charleston Naval Weapons Sta (AMC)			107
	43561	Wharf Additions	9,200	9,200	109
	44364	Army Strategic Maintenance Complex Ph II	16,500	16,500	112
		Subtotal Charleston Naval Weapons Sta PART I	$ 25,700	25,700	
		Fort Jackson (TRADOC)			117
	34551	Whole Barracks Complex Renewal	32,000	32,000	119
		Subtotal Fort Jackson PART I	$ 32,000	32,000	
		* TOTAL MCA FOR South Carolina	$ 57,700	57,700	

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1. COMPONENT	FY 1996-1997 MILITARY CONSTRUCTION PROGRAM	2. DATE
ARMY		FEBRUARY 1995

3. INSTALLATION AND LOCATION	4. COMMAND	5. AREA CONSTRUCTION COST INDEX
Charleston Naval Weapons Sta South Carolina	Naval Sea Command	0.85

6. PERSONNEL STRENGTH:

	PERMANENT			STUDENTS			SUPPORTED			
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF 30 SEP 1994	0	0	0	0	0	0	0	0	0	0
B. END FY 2000	0	0	0	0	0	0	0	0	0	0

7. INVENTORY DATA ($000)

A. TOTAL ACREAGE.....	0 AC
B. INVENTORY TOTAL AS OF 30 SEP 1994.....	0
C. AUTHORIZATION NOT YET IN INVENTORY.....	20,000
D. AUTHORIZATION REQUESTED IN THE FY 1996 PROGRAM.....	25,700
E. AUTHORIZATION REQUESTED IN THE FY 1997 PROGRAM.....	0
F. PLANNED IN NEXT FOUR YEARS (NEW MISSION ONLY).....	7,700
G. REMAINING DEFICIENCY.....	35,300
H. GRAND TOTAL.....	88,700

8. PROJECTS REQUESTED IN THE FY 1996 PROGRAM:

CATEGORY CODE	PROJECT NUMBER	PROJECT TITLE	COST ($000)	DESIGN STATUS START	DESIGN STATUS COMPLETE
152	43561	Wharf Additions	9,200	09/1994	07/1995
156	44364	Army Strategic Maintenance Complex Ph II	16,500	02/1994	02/1995
		TOTAL	25,700		

9. FUTURE PROJECTS:

CATEGORY CODE	PROJECT TITLE	COST ($000)
A. REQUESTED IN THE FY 1997 PROGRAM: NONE		
B. PLANNED NEXT FOUR PROGRAM YEARS (NEW MISSION ONLY):		
851	POMFLANT to Post 2 Road	7,700
	TOTAL	7,700

10. MISSION OR MAJOR FUNCTIONS:

The Army mission is to download Army Prepositioned Fleet ships, perform maintenance on equipment, preserve and package materiel, verify accountability, and load equipment aboard ships. The U.S. Army will occupy a portion of the facilities at the Naval Weapons Station Charleston to perform this mission.

1. COMPONENT	FY 1996-1997 MILITARY CONSTRUCTION PROGRAM	2. DATE
ARMY		FEBRUARY 1995

INSTALLATION AND LOCATION: Charleston Naval Weapons Sta South 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

1.COMPONENT	FY 1996 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		FEBRUARY 1995

3.INSTALLATION AND LOCATION	4.PROJECT TITLE
Charleston Naval Weapons Sta South Carolina	Wharf Additions

5.PROGRAM ELEMENT	6.CATEGORY CODE	7.PROJECT NUMBER	8.PROJECT COST ($000)
72896A	152	43561	Auth 9,200 Approp 9,200

9.COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITY				6,999
Access Trestle & Fillet	SF	23,640	74.80	(1,768)
Mooring Dolphins	LS	--	--	(1,093)
Fender Improvements	LS	--	--	(628)
Utility Relocation	LS	--	--	(104)
Hardstand Staging	LS	--	--	(3,406)
SUPPORTING FACILITIES				1,273
Electric Service	LS	--	--	(76)
Paving, Walks, Curbs And Gutters	LS	--	--	(557)
Site Imp(640) Demo( )	LS	--	--	(640)
ESTIMATED CONTRACT COST				8,272
CONTINGENCY PERCENT (5.00%)				414
SUBTOTAL				8,686
SUPERVISION, INSPECTION & OVERHEAD (6.00%)				521
TOTAL REQUEST				9,207
TOTAL REQUEST (ROUNDED)				9,200
INSTALLED EQUIPMENT-OTHER APPROPRIATIONS				(0)

10.Description of Proposed Construction Construct a pile supported addition to the existing Wharf Alpha. Work includes construction of a stern access trestle and a fillet to accommodate the simultaneous roll-on/roll-off (RO/RO) operations from the stern ramp as well as lift-on/lift-off (LO/LO) traffic, wharf utilities relocation, new mooring dolphins, fender system improvements, and hardstand. Supporting facilities include area lighting and perimeter fencing, and road improvements to reroute local vehicular traffic.

11. REQUIREMENT: 23,640 SF ADEQUATE: NONE SUBSTANDARD: 23,640 SF

PROJECT: Modifications to Wharf Alpha to accommodate the Army's Afloat Prepositioned Material (APM) Maintenance mission. (New Mission)

REQUIREMENT: This project is required to provide adequate facilities to support maintenance of the Army's Afloat Prepositioned Equipment (combat, combat support, and combat service support unit equipment) and Supplies. Afloat prepositioned material must undergo inspection, testing and maintenance every 30 months in order to maintain the high degree of readiness required for fast response contingency forces. A Large Medium Speed Roll-on/Roll-off (LMSR) ship will put into port at Wharf Alpha, Naval Weapons Station, Charleston for a maintenance period of 60 days minimum, but not to exceed 90 calendar days.

1.COMPONENT	FY 1996 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		FEBRUARY 1995

3.INSTALLATION AND LOCATION

Charleston Naval Weapons Sta, South Carolina

4.PROJECT TITLE	5.PROJECT NUMBER
Wharf Additions	43561

REQUIREMENT: (CONTINUED)
To facilitate the most optimum operational configuration and allow for the maximum actual maintenance time, a 2+ day window to off-load and a 2+ day window to up-load each LMSR has been established. The additions to existing Wharf Alpha will allow safe and efficient loading/off-loading of the LMSR ship via the stern ramp and the simultaneous loading/off-loading of containers in conjunction with the RO/RO operations. This combined, simultaneous loading/off-loading of materials and equipment will meet the 2+ day window criteria. A hardstand will provide for staging of materials and equipment for transport to and from Wharf Alpha and the maintenance complex.

CURRENT SITUATION: Wharf Alpha is currently configured to support ammunition operations for fleet ballistic missile submarines, and is being used for only stern ramp RO/RO loading/off-loading of interim ships. The current operation cannot meet the 2+ day time frame to load/off-load about one-half the amount of planned cargo.

IMPACT IF NOT PROVIDED: If this project is not provided, the load/off-load of materials and equipment from an LMSR ship will be via the stern ramp only, utilizing the existing, narrow wharf access trestles. This does not comply with the criteria for the simultaneous load/off-load via both the stern ramp and the container LO/LO operations for safety and efficiency. The proposed 2+ day window will be exceeded; reducing the time available for the required inspection, testing and maintenance functions at the maintenance complex. The lack of adequate hardstand staging will necessitate the dispersal of equipment and material to various open grassed areas and roadway shoulders. This will not afford a secure, safe and efficient means of staging and transporting equipment material to, from, and within maintenance complex, further reducing the time available for maintenance functions.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and all required physical security and/or combatting terrorism (CBT/T) measures are included. This project complies with the scope and design criteria of DOD 4270.1-M, "Construction Criteria," that were in effect 1 January 1987, as implemented by the Army's Architectural and Engineering Instructions (AEI), "Design Criteria," dated 9 December 1991, with the 18 September 1992 and all subsequent revisions included in the Design Criteria Information System (DCIS). Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement. Additional projects are scheduled. The Strategic Maintenance Complex will be constructed in two phases: FY 95 Phase I Project Number 44346, and FY 96 Phase II Project Number 44364.

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

1.COMPONENT	FY 1996 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		FEBRUARY 1995

3.INSTALLATION AND LOCATION

Charleston Naval Weapons Sta, South Carolina

4.PROJECT TITLE	5.PROJECT NUMBER
Wharf Additions	43561

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

(a)	Design Start Date	SEP 1994
(b)	Percent Complete As Of 01 January 95 (BDGT YR)	40
(c)	Percent Complete As Of 01 October 95 (PROG YR)	100
(d)	Design Complete Date	JUL 1995

(2) Basis:

(a) Standard or Definitive Design - (YES/NO) N

(b) Where Design Was Most Recently Used

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

		($000)
(a)	Production of Plans and Specifications	500
(b)	All Other Design Costs	250
(c)	Total Design Cost	750
(d)	Contract	650
(e)	In-house	100

(4) Construction Start ..... NOV 1995
month & year

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			

1.COMPONENT	FY 1996 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		FEBRUARY 1995

3.INSTALLATION AND LOCATION	4.PROJECT TITLE
Charleston Naval Weapons Sta South Carolina	Army Strategic Maintenance Complex Ph II

5.PROGRAM ELEMENT	6.CATEGORY CODE	7.PROJECT NUMBER	8.PROJECT COST ($000)
72896A	156	44364	Auth 16,500 Approp 16,500

9.COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITY				12,169
Allied Trade Shop (Mod)	LS	--	--	(619)
Tracked Veh Maint Facility	LS	--	--	(4,185)
Paint/Blast Facilities	LS	--	--	(1,607)
Bulk Storage Whse	LS	--	--	(625)
Medical Rework Fac (Mod)	LS	--	--	(258)
Total from Continuation page				(4,875)
SUPPORTING FACILITIES				2,071
Electric Service	LS	--	--	(69)
Water, Sewer, Gas	LS	--	--	(119)
Site Imp(1,833) Demo(50)	LS	--	--	(1,883)
ESTIMATED CONTRACT COST				14,240
CONTINGENCY PERCENT (10.0%)				1,424
SUBTOTAL				15,664
SUPERVISION, INSPECTION & OVERHEAD (6.00%)				940
TOTAL REQUEST				16,604
TOTAL REQUEST (ROUNDED)				16,500
INSTALLED EQUIPMENT-OTHER APPROPRIATIONS				(2,200)

10.Description of Proposed Construction Convert a former Polaris missile maintenance facility to a complex of interrelated buildings and structures designed to enable the Army to perform inspection testing and maintenance on the equipment and supplies allocated in the Army Prepositioned Ship Program. Modify seven buildings and construct facilities for tracked vehicle maintenance, painting/blasting, and vehicle fueling. Provide staging area at the wharf area and in the vicinity of the maintenance facility. Supporting facilities include utilities, electric service, sewer modification, storm drainage, hurricane bollards, road/rail improvements, and site improvements. Demolish one building (3,200 SF).

11. REQUIREMENT: 783,649 SF ADEQUATE: 250,813 SF SUBSTANDARD: 435,316 SF
PROJECT: Construct an Army Strategic Mobility Maintenance Complex. (New Mission)
REQUIREMENT: This project is required to provide adequate facilities to support maintenance of the Army's Afloat Prepositioned Equipment and Supplies (combat, combat support, and combat service support (CS/CSS)). This project is one of the three critical missions of the Army Strategic Mobility Program (ASMP). The ASMP program is a result of the congressionally mandated Mobility

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

1.COMPONENT	FY 1996 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		FEBRUARY 1995

3.INSTALLATION AND LOCATION

Charleston Naval Weapons Sta, South Carolina

4.PROJECT TITLE	5.PROJECT NUMBER
Army Strategic Maintenance Complex Ph II	44364

9. COST ESTIMATES (CONTINUED)

Item	U/M	QTY	Unit COST	Cost ($000)
PRIMARY FACILITY (CONTINUED)				
POL Storage	LS	--	--	(134)
Armament Maint Fac	LS	--	--	(22)
Optical Equipm Maint Fac	LS	--	--	(80)
Vehicle Fueling Fac	LS	--	--	(510)
Hardstand staging area	LS	--	--	(3,799)
Admin Bldg (Mod)	LS	--	--	(100)
Defueling Facility	SF	960	104.00	(100)
Waste POL Bldg	SF	240	125.00	(30)
Building Information Systems	LS	--	--	(100)
			Total	4,875

REQUIREMENT: (CONTINUED)
Requirements Study (MRS) and is divided into the Army Reserve Material Stocks (ARMS) continental United States (CONUS) (AR1), the ARMS outside CONUS (OCONUS) (AR2 and AR4), and ARM Afloat (AR3). The AR3 program has in itself three primary areas for maintenance, Concord, California, which primarily handles ammunition stocks; Hythe, England, which primarily handles watercraft, material handling equipment and port opening equipment; Charleston, South Carolina, which will handle the Afloat Prepositioned equipment. This project covers the modifications at Charleston necessary to support the Afloat Prepositioned equipment. In order to assure the high degree of readiness required for a fast response contingency force, the prepositioned equipment must undergo inspection and maintenance every 30 months. The Charleston facility will provide the facilities to perform this maintenance.
CURRENT SITUATION: This is a new mission as a result of the MRS and National Military Strategy. Currently the Army Prepositioned Material (APM) consists of four ammunition ships. The program is being expanded to 17 ships and will include ships loaded with equipment and supplies for one heavy brigade. This supports the Army's power projection strategy which is a result of changing from a forward deployed force to a CONUS-based force. Current building design is to support the maintenance and repair of Polaris missiles. Existing building layout is not suitable for maintenance of tactical vehicles. Existing hardstand areas are inadequate to stage the quantity of materials to be handled during one ship maintenance period. No facilities currently exist which could be reasonably modified to support the tracked vehicle maintenance, paint and blast operations or vehicle wash operations.
IMPACT IF NOT PROVIDED: If this project is not provided, maintenance would be performed in open grass areas and on secondary roadways. Adequate facilities do not currently exist at Charleston. Some material and stock would be shipped to depot maintenance facilities throughout the United States.

1.COMPONENT	FY 1996 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		FEBRUARY 1995

3.INSTALLATION AND LOCATION

Charleston Naval Weapons Sta, South Carolina

4.PROJECT TITLE	5.PROJECT NUMBER
Army Strategic Maintenance Complex Ph II	44364

IMPACT IF NOT PROVIDED: (CONTINUED)
Shipment would be either via rail or truck. The overall impact would be extension of the maintenance cycle beyond the 90 day requirement and an excessive increase in maintenance costs. The lack of a controlled maintenance environment would increase the potential for ground contamination from fuel and oil leaks. In addition, this environment would compromise equipment security, accountability, and documentation. Outside maintenance would add to the deterioration of supplies and equipment. This operation scenario could seriously jeopardize the overall Army Strategic Mobility Program.
ADDITIONAL: This project has been coordinated with the installation physical security plan, and all required physical security and/or combatting terrorism (CBT/T) measures are included. This project complies with the scope and design criteria of DOD 4270.1-M, "Construction Criteria," that were in effect 1 January 1987, as implemented by the Army's Architectural and Engineering Instructions (AEI), "Design Criteria," dated 9 December 1991, with the 18 September 1992 and all subsequent revisions included in the Design Criteria Information System (DCIS). Alternative methods of meeting these requirements have been explored during project development. This project is the only feasible option to meet this requirement. Because of the tight construction schedule necessary to meet the first ship arrival in June 1996, maintenance operations will be ongoing during construction. Additional projects are scheduled. Phase I of the Strategic Maintenance Complex will be constructed in FY 95 Project Number 44346. Wharf additions will be constructed in FY 96 Project Number 43561.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

(a) Design Start Date	FEB 1994
(b) Percent Complete As Of 01 January 95 (BDGT YR)	90
(c) Percent Complete As Of 01 October 95 (PROG YR)	100
(d) Design Complete Date	FEB 1995

(2) Basis:

(a) Standard or Definitive Design - (YES/NO) N
(b) Where Design Was Most Recently Used

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

	($000)
(a) Production of Plans and Specifications	825
(b) All Other Design Costs	495
(c) Total Design Cost	1,320
(d) Contract	990
(e) In-house	330

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

1.COMPONENT	FY 1996 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		FEBRUARY 1995

3.INSTALLATION AND LOCATION

Charleston Naval Weapons Sta, South Carolina

4.PROJECT TITLE	5.PROJECT NUMBER
Army Strategic Maintenance Complex Ph II	44364

12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

(4) Construction Start..... OCT 1995
month & year

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

Equipment Nomenclature	Procuring Appropriation	Fiscal Year Appropriated Or Requested	Cost ($000)
Maintenance Equipment	OPA	1996	2,200
		TOTAL	2,200

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1. COMPONENT	FY 1996-1997 MILITARY CONSTRUCTION PROGRAM	2. DATE
ARMY		FEBRUARY 1995

3. INSTALLATION AND LOCATION	4. COMMAND	5. AREA CONSTRUCTION COST INDEX
Fort Jackson South Carolina	US Army Training and Doctrine Command	0.79

6. PERSONNEL STRENGTH:

	PERMANENT			STUDENTS			SUPPORTED			
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF 30 SEP 1994	444	2308	1635	4	9165	0	39	233	2314	16,142
B. END FY 2000	587	2700	1629	269	10867	21	37	108	2284	18,502

7. INVENTORY DATA ($000)

A. TOTAL ACREAGE.....	52,301 AC	
B. INVENTORY TOTAL AS OF 30 SEP 1994.....		1,200,533
C. AUTHORIZATION NOT YET IN INVENTORY.....		17,987
D. AUTHORIZATION REQUESTED IN THE FY 1996 PROGRAM.....		32,000
E. AUTHORIZATION REQUESTED IN THE FY 1997 PROGRAM.....		0
F. PLANNED IN NEXT FOUR YEARS (NEW MISSION ONLY).....		0
G. REMAINING DEFICIENCY.....		31,139
H. GRAND TOTAL.....		1,281,659

8. PROJECTS REQUESTED IN THE FY 1996 PROGRAM:

CATEGORY CODE	PROJECT NUMBER	PROJECT TITLE	COST ($000)	DESIGN STATUS START	DESIGN STATUS COMPLETE
721	34551	Whole Barracks Complex Renewal	32,000	01/1995	03/1996
		TOTAL	32,000		

9. FUTURE PROJECTS:

CATEGORY CODE	PROJECT TITLE	COST ($000)
A. REQUESTED IN THE FY 1997 PROGRAM: NONE		
B. PLANNED NEXT FOUR PROGRAM YEARS (NEW MISSION ONLY): NONE		

10. MISSION OR MAJOR FUNCTIONS:

To provide logistical support and facilities for a U.S. Army training center for enlisted personnel and a U.S. Army reception station. Support of summer reserve training and military entrance processing station. Also support of U.S. Army hospital (435) and TO&E/TDA STRAF 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 1996 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
ARMY		FEBRUARY 1995

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
Fort Jackson South Carolina	Whole Barracks Complex Renewal

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
85796A	721	34551	Auth 32,000 Approp 32,000

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITY				25,179
Barracks	SF	221,520	92.00	(20,380)
Soldier Community Bldg	SF	44,564	92.00	(4,100)
EMCS Connection	LS	--	--	(295)
Building Information Systems	LS	--	--	(404)
SUPPORTING FACILITIES				3,572
Electric Service	LS	--	--	(522)
Water, Sewer, Gas	LS	--	--	(169)
Steam And/Or Chilled Water Distr	LS	--	--	(773)
Paving, Walks, Curbs And Gutters	LS	--	--	(227)
Storm Drainage	LS	--	--	(142)
Site Imp(1,142) Demo(587)	LS	--	--	(1,729)
Information Systems	LS	--	--	(10)
ESTIMATED CONTRACT COST				28,751
CONTINGENCY PERCENT (5.00%)				1,438
SUBTOTAL				30,189
SUPERVISION, INSPECTION & OVERHEAD (6.00%)				1,811
TOTAL REQUEST				32,000
TOTAL REQUEST (ROUNDED)				32,000
INSTALLED EQUIPMENT-OTHER APPROPRIATIONS				(2)

10. Description of Proposed Construction

Construct two standard-design barracks complexes (each with a standard-design 300 PN soldier community building). Barracks include living/sleeping rooms with bath, service area, walk-in closets, outside recreational areas, janitor closets, and mechanical electrical rooms. Soldier Community Buildings will be constructed as part of the complex to provide laundry, bulk storage area, dayrooms, lounges, cleaning equipment, and a mailroom. Project also includes electrical, mechanical, service elevator, information systems, noise attenuation, and energy conservation systems. Connect to the post-wide energy monitoring and control system (EMCS). Supporting facilities include utilities; electric service; exterior lighting; lightning protection; fire protection and alarm systems; paving, walks, curbs, and gutters; patios and parking; fencing; water distribution systems; storm drainage; information systems; and site improvements. Heating and air conditioning (500 tons) will be provided by connection to an existing central energy plant. Demolish 29 buildings (86,004 SF) within the footprint with asbestos removal. Provide comprehensive building and furnishings related interior design services.

1.COMPONENT	FY 1996 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		FEBRUARY 1995

3.INSTALLATION AND LOCATION

Fort Jackson, South Carolina

4.PROJECT TITLE	5.PROJECT NUMBER
Whole Barracks Complex Renewal	34551

11. REQUIREMENT: 3,286 PN ADEQUATE: NONE SUBSTANDARD: 2,354 PN

PROJECT: Construct two standard-design barracks complexes (each with a standard-design 300 PN soldier community building) to meet the Whole Barracks Renewal Program Standards. (Current Mission)

REQUIREMENT: This project is required to provide unaccompanied, enlisted, permanent-party soldiers with adequate living quarters. Sufficient space and privacy are essential to the successful accomplishment of the increasingly complex and essential job that today's soldier must perform. The lack of a comfortable living environment that provides the proper atmosphere in which to relax and enjoy leisure time, is a critical problem. Not only are the current conditions psychologically debilitating, but they are also a proven contributor to low performance and reenlistment. Individual living/sleeping rooms with built-in closets and semi-private bathroom facilities will provide the desired environment. The maximum utilization of the new facility will be 624 enlisted personnel. Based on the current utilization of existing facilities, the intended utilization will be 556 enlisted personnel. Parking will be required.

CURRENT SITUATION: Permanently assigned, unaccompanied, enlisted soldiers are being housed in facilities that were constructed in 1970 for basic trainees. Common-use latrines, little or no privacy, inadequate security, and uncomfortable, cramped living conditions are all contributors to the substandard conditions of these billeting facilities.

IMPACT IF NOT PROVIDED: If this project is not provided, substandard living accommodations for unaccompanied enlisted personnel will continue to be a major morale problem and decreaser of career attractiveness. The living environment will also not be consistent with the Army Communities of Excellence and Whole Barracks Renewal standards. Rather than providing a private, quiet, and leisurely atmosphere in which soldiers can relax at the end of the day, barracks life will continue to be an unpleasant experience for permanent-party enlisted soldiers. The goal of obtaining the highest quality-of-life possible for the soldier and the subsequent enhancement of productivity will not be realized.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and all required physical security and/or combatting terrorism (CBT/T) measures are included. This project complies with the scope and design criteria of DOD 4270.1-M, "Construction Criteria," that were in effect 1 January 1987, as implemented by the Army's Architectural and Engineering Instructions (AEI), "Design Criteria," dated 9 December 1991, with the 18 September 1992 and all subsequent revisions included in the Design Criteria Information System (DCIS). An economic analysis has been prepared and utilized in evaluating this project.

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

1.COMPONENT	FY 1996 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		FEBRUARY 1995

3.INSTALLATION AND LOCATION

Fort Jackson, South Carolina

4.PROJECT TITLE	5.PROJECT NUMBER
Whole Barracks Complex Renewal	34551

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

(a)	Design Start Date	JAN 1995
(b)	Percent Complete As Of 01 January 95 (BDGT YR)	35
(c)	Percent Complete As Of 01 October 95 (PROG YR)	60
(d)	Design Complete Date	MAR 1996

(2) Basis:

(a) Standard or Definitive Design - (YES/NO) Y

(b) Where Design Was Most Recently Used
USACE

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

		($000)
(a)	Production of Plans and Specifications	1,150
(b)	All Other Design Costs	500
(c)	Total Design Cost	1,650
(d)	Contract	
(e)	In-house	1,650

(4) Construction Start ..... JUL 1996
month & year

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

Equipment Nomenclature	Procuring Appropriation	Fiscal Year Appropriated Or Requested	Cost ($000)
Info Sys - ISC	OPA	1996	2
		TOTAL	2

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DEPARTMENT OF THE ARMY
FISCAL YEAR 1996
MILITARY CONSTRUCTION (PART I)
(DOLLARS ARE IN THOUSANDS)

STATE	PROJECT NUMBER	INSTALLATION (COMMAND) / PROJECT TITLE	AUTHORIZATION REQUEST	APPROPRIATION REQUEST	PAGE
Texas		Fort Bliss (TRADOC)			125
	36102	Whole Barracks Complex Renewal	48,000	48,000	127
		Subtotal Fort Bliss PART I	$ 48,000	48,000	
		Fort Hood (FORSCOM)			131
	22612	Whole Barracks Complex Renewal	17,500	17,500	133
		Subtotal Fort Hood PART I	$ 17,500	17,500	
		* TOTAL MCA FOR Texas	$ 65,500	65,500	

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1. COMPONENT	FY 1996-1997 MILITARY CONSTRUCTION PROGRAM	2. DATE
ARMY		FEBRUARY 1995

3. INSTALLATION AND LOCATION	4. COMMAND	5. AREA CONSTRUCTION COST INDEX
Fort Bliss Texas	US Army Training and Doctrine Command	0.96

6. PERSONNEL STRENGTH:

	PERMANENT			STUDENTS			SUPPORTED			
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF 30 SEP 1994	1489	9453	3158	342	1584	2	140	415	5092	21,675
B. END FY 2000	1293	7060	2863	262	1886	4	121	346	4378	18,213

7. INVENTORY DATA ($000)

A. TOTAL ACREAGE.....	1,119,784 AC
B. INVENTORY TOTAL AS OF 30 SEP 1994.....	2,289,088
C. AUTHORIZATION NOT YET IN INVENTORY.....	126,777
D. AUTHORIZATION REQUESTED IN THE FY 1996 PROGRAM.....	48,000
E. AUTHORIZATION REQUESTED IN THE FY 1997 PROGRAM.....	0
F. PLANNED IN NEXT FOUR YEARS (NEW MISSION ONLY).....	0
G. REMAINING DEFICIENCY.....	92,062
H. GRAND TOTAL.....	2,555,927

8. PROJECTS REQUESTED IN THE FY 1996 PROGRAM:

CATEGORY CODE	PROJECT NUMBER	PROJECT TITLE	COST ($000)	DESIGN STATUS START	DESIGN STATUS COMPLETE
721	36102	Whole Barracks Complex Renewal	48,000	01/1995	04/1996
		TOTAL	48,000		

9. FUTURE PROJECTS:

CATEGORY CODE	PROJECT TITLE	COST ($000)
A. REQUESTED IN THE FY 1997 PROGRAM: NONE		
B. PLANNED NEXT FOUR 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 1996 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		FEBRUARY 1995

3.INSTALLATION AND LOCATION	4.PROJECT TITLE
Fort Bliss Texas	Whole Barracks Complex Renewal

5.PROGRAM ELEMENT	6.CATEGORY CODE	7.PROJECT NUMBER	8.PROJECT COST ($000)
85796A	721	36102	Auth 48,000 Approp 48,000

9.COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITY				36,620
Barracks	SF	212,352	100.00	(21,235)
Soldier Community Buildings	SF	56,090	100.00	(5,609)
Company Operations Facilities	SF	63,533	102.00	(6,480)
Dining Facility	SF	17,200	159.00	(2,735)
EMCS Connection	LS	--	--	(90)
Total from Continuation page				(471)
SUPPORTING FACILITIES				6,873
Electric Service	LS	--	--	(1,007)
Water, Sewer, Gas	LS	--	--	(765)
Paving, Walks, Curbs And Gutters	LS	--	--	(1,258)
Storm Drainage	LS	--	--	(625)
Site Imp(2,440) Demo(632)	LS	--	--	(3,073)
Information Systems	LS	--	--	(145)
ESTIMATED CONTRACT COST				43,493
CONTINGENCY PERCENT (5.00%)				2,175
SUBTOTAL				45,668
SUPERVISION, INSPECTION & OVERHEAD (6.00%)				2,740
TOTAL REQUEST				48,408
TOTAL REQUEST (ROUNDED)				48,000
INSTALLED EQUIPMENT-OTHER APPROPRIATIONS				(106)

10.Description of Proposed Construction

Construct three standard-design barracks complexes. Project includes a standard-design soldier community building for each barracks, eight separate standard-design company operations facilities, and a standard-design large size dining facility. Connect to a future energy monitoring and control system (EMCS) and electrical rough-in for arms rooms. Install an intrusion detection system (IDS). Barracks include living/sleeping rooms, baths, walk-in closets, and service areas. Supporting facilities include utilities; electric service; security lighting; fire sprinkler, fire protection and alarm systems; fencing; add left turn lanes at Pleasonton Road; paving, walks, curbs and gutters; outdoor recreational areas; storm drainage; information systems; and site improvements. Access for the handicapped will be provided for the dining facility only. Heating will be provided by gas-fired self-contained units. Evaporative cooling: 336,000 CFM. Demolish 22 existing buildings (7,601 SF within footprint and 269,453 SF outside footprint - total demolition 277,054 SF). Demolition includes asbestos and lead-based paint abatement and site restoration. Supporting facility costs are higher than normal due to significant demolition costs and major replacement of site area utilities. Comprehensive building and furnishings related interior design services are requested.

1.COMPONENT	FY 1996 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		FEBRUARY 1995

3.INSTALLATION AND LOCATION

Fort Bliss, Texas

4.PROJECT TITLE	5.PROJECT NUMBER
Whole Barracks Complex Renewal	36102

9. COST ESTIMATES (CONTINUED)

Item	U/M	QTY	Unit COST	Cost ($000)
PRIMARY FACILITY (CONTINUED)				
IDS Installation	LS	--	--	(31)
Building Information Systems	LS	--	--	(440)
			Total	471

11. REQUIREMENT: 5,533 PN ADEQUATE: 2,332 PN SUBSTANDARD: 1,361 PN

PROJECT: Construct three standard-design barracks complexes each with a with standard-design soldier community building, eight separate company operations facilities, and a consolidated standard-design dining facility to replace six existing barracks to meet the Whole Barracks Renewal Program Standards. (Current Mission)

REQUIREMENT: This project is required to construct three permanent party enlisted barracks complexes with soldier community buildings, eight company operations facilities, and a consolidated dining facility to replace six existing barracks. Estimated intended utilization is 610 personnel: 548 E2-E4 and 62 E5-E6, with a maximum utilization of 672. The barracks will meet current Army standards for bachelor housing and is required to improve living conditions and increase individual privacy and security. The barracks, soldier community buildings, and company operations facilities are required for elements of the 6th Air Defense Artillery (ADA) Brigade, Law Enforcement Battalion and Garrison Command. The dining facility will accommodate the entire 6th ADA Brigade, Law Enforcement Battalion and Garrison Command.

CURRENT SITUATION: This project will replace six three-story permanent structures with two or three person living/sleeping rooms. All barracks have large common, gang latrines. Rooms are improperly sized for current minimum adequacy space standards, resulting in rooms either too small or too large. Heating and cooling equipment is antiquated and in poor condition, heating control is inadequate. Company operations areas have poor functional arrangements. The dining facilities are small, inefficient, and do not have the state-of-the-art food service equipment or functional arrangement. Building exterior is visually unattractive with poorly-developed landscaping and other visual clutter. The lack of privacy and convenience have long been a source of irritation and dissatisfaction among enlisted personnel. Utilities in this area are 40 years old, deteriorated and failing.

IMPACT IF NOT PROVIDED: If this project is not provided, 610 soldiers on Fort Bliss will continue to live in inadequate barracks, which is detrimental to morale and undermines the efforts to persuade eligible individuals to make the Army a career. These soldiers will also continue to eat in inadequate dining facilities and work in inadequate company operations facilities. Additionally, the objectives of the Army Communities of Excellence Program

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

1.COMPONENT	FY 1996 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		FEBRUARY 1995

3.INSTALLATION AND LOCATION

Fort Bliss, Texas

4.PROJECT TITLE	5.PROJECT NUMBER
Whole Barracks Complex Renewal	36102

IMPACT IF NOT PROVIDED: (CONTINUED)
cannot be achieved.
ADDITIONAL: This project has been coordinated with the installation physical security plan, and all required physical security and/or combatting terrorism (CBT/T) measures are included. This project complies with the scope and design criteria of DOD 4270.1-M, "Construction Criteria," that were in effect 1 January 1987, as implemented by the Army's Architectural and Engineering Instructions (AEI), "Design Criteria," dated 9 December 1991, with the 18 September 1992 and all subsequent revisions included in the Design Criteria Information System (DCIS). An economic analysis has been prepared and utilized in evaluating this project.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

(a)	Design Start Date	JAN 1995
(b)	Percent Complete As Of 01 January 95 (BDGT YR)	35
(c)	Percent Complete As Of 01 October 95 (PROG YR)	60
(d)	Design Complete Date	APR 1996

(2) Basis:

(a) Standard or Definitive Design - (YES/NO) Y
(b) Where Design Was Most Recently Used
Fort Bliss

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

		($000)
(a)	Production of Plans and Specifications	2,700
(b)	All Other Design Costs	100
(c)	Total Design Cost	2,800
(d)	Contract	
(e)	In-house	2,800

(4) Construction Start: JUN 1996
month & year

1.COMPONENT	FY 1996 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		FEBRUARY 1995

3.INSTALLATION AND LOCATION

Fort Bliss, Texas

4.PROJECT TITLE	5.PROJECT NUMBER
Whole Barracks Complex Renewal	36102

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	1996	58
Info Sys - ISC	OPA	1996	48
		TOTAL	106

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

1. COMPONENT	FY 1996-1997 MILITARY CONSTRUCTION PROGRAM	2. DATE
ARMY		FEBRUARY 1995

3. INSTALLATION AND LOCATION	4. COMMAND	5. AREA CONSTRUCTION COST INDEX
Fort Hood Texas	US Army Forces Command	0.90

6. PERSONNEL STRENGTH:

	PERMANENT			STUDENTS			SUPPORTED			
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF 30 SEP 1994	4822	39643	4003	0	238	0	82	273	1595	50,656
B. END FY 2000	4586	38386	3336	0	271	0	78	266	3247	50,170

7. INVENTORY DATA ($000)

A. TOTAL ACREAGE.....	217,427 AC	
B. INVENTORY TOTAL AS OF 30 SEP 1994.....		3,459,818
C. AUTHORIZATION NOT YET IN INVENTORY.....		139,926
D. AUTHORIZATION REQUESTED IN THE FY 1996 PROGRAM.....		17,500
E. AUTHORIZATION REQUESTED IN THE FY 1997 PROGRAM.....		55,900
F. PLANNED IN NEXT FOUR YEARS (NEW MISSION ONLY).....		0
G. REMAINING DEFICIENCY.....		146,877
H. GRAND TOTAL.....		3,820,021

8. PROJECTS REQUESTED IN THE FY 1996 PROGRAM:

CATEGORY CODE	PROJECT NUMBER	PROJECT TITLE	COST ($000)	DESIGN STATUS START	DESIGN STATUS COMPLETE
721	22612	Whole Barracks Complex Renewal	17,500	03/1994	09/1995
		TOTAL	17,500		

9. FUTURE PROJECTS:

CATEGORY CODE	PROJECT TITLE	COST ($000)
A. REQUESTED IN THE FY 1997 PROGRAM:		
721	Whole Barracks Complex Renewal	50,000
171	Close Combat Tactical Training Building II	5,900
	TOTAL	55,900

B. PLANNED NEXT FOUR 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.

1. COMPONENT	FY 1996-1997 MILITARY CONSTRUCTION PROGRAM	2. DATE
ARMY		FEBRUARY 1995

INSTALLATION AND LOCATION: Fort Hood Texas

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

1. COMPONENT	FY 1996 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
ARMY		FEBRUARY 1995

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
Fort Hood Texas	Whole Barracks Complex Renewal

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
22696A	721	22612	Auth 17,500 Approp 17,500

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITY				14,664
Barracks Rebuild	SF	197,564	64.00	(12,644)
Upgrade Arms Room	SF	8,000	83.00	(664)
Asbestos/Lead Paint Removal	LS	--	--	(620)
IDS Installation	LS	--	--	(17)
Building Information Systems	LS	--	--	(719)
SUPPORTING FACILITIES				518
Electric Service	LS	--	--	(124)
Water, Sewer, & Gas	LS	--	--	(53)
Paving Walks, Curbs, & Gutters	LS	--	--	(131)
Storm Drainage	LS	--	--	(11)
Site Imp(107) Demo( )	LS	--	--	(107)
Information Systems	LS	--	--	(92)
ESTIMATED CONTRACT COST				15,182
CONTINGENCY PERCENT (10.0%)				1,518
SUBTOTAL				16,700
SUPERVISION, INSPECTION & OVERHEAD (6.00%)				1,002
TOTAL REQUEST				17,702
TOTAL REQUEST (ROUNDED)				17,500
INSTALLED EQUIPMENT-OTHER APPROPRIATIONS				(204)

10. Description of Proposed Construction

Rebuild four barracks including converting first floor space within each building to unit administrative and supply areas. Project includes removal of existing walls, mechanical and electrical systems, piping and valves, water closets, and showers. The existing columns and deck superstructure will remain. Foundation repairs are required. Additional work includes replacement of roofs, doors, windows, ceiling tile, floor tile, paint, and asbestos removal. Upgrade administrative space to meet the requirements of modern Army equipment and the work space environment. Existing arms rooms will be enlarged to provide space for modern weapons. Install an intrusion detection system (IDS). Barracks include living/sleeping rooms, private bath, lavatories, walk-in closets, laundry, bulk storage, dayroom, lounges, and a mailroom. Exterior balconies will allow for a exterior entrance to each room. Supporting facilities include utilities; electric service; fire protection and alarm systems; parking; outdoor recreation areas; paving, walks, curbs and gutters; storm drainage; information systems; and site improvements. Heating will be provided by self-contained units. Air conditioning: 500 tons.

1.COMPONENT	FY 1996 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		FEBRUARY 1995

3.INSTALLATION AND LOCATION

Fort Hood, Texas

4.PROJECT TITLE	5.PROJECT NUMBER
Whole Barracks Complex Renewal	22612

11. REQUIREMENT: 17,576 PN ADEQUATE: 10,936 PN SUBSTANDARD: 7,709 PN
PROJECT: Rebuild four barracks to meet the Whole Barracks Renewal Program Standards. (Current Mission)
REQUIREMENT: This project is required to continue modernizing existing barracks to provide adequate housing for a total (intended utilization) of 318 enlisted personnel (244 E1-E4 and 74 E5-E6). Maximum utilization for the barracks is 492 personnel. This project will replace utilities that are at the end of their economic life and provide a greatly improved quality-of-life environment for today's enlisted soldier. Significant shortfalls in company operations and supply space are reduced by converting the first floors of these facilities into company level administration and supply areas.
CURRENT SITUATION: There are 102 permanent barracks buildings on Fort Hood. The 14000 block consists of four barracks, all of which are to be rebuilt with this project. These barracks were constructed in FY 1958 as troop billets and are now substandard. They include multiple person rooms and gang latrines with rapidly deteriorating mechanical, electrical and plumbing systems. The air conditioning system is inefficient and requires frequent repairs. The hot water system is unable to meet the demand at peak use times.
IMPACT IF NOT PROVIDED: If this project is not provided, outdated, inefficient utilities will continue to deteriorate. Current routine maintenance will not meet the heavy demands and major system failures will occur. Man hours expended for backlog maintenance and repair will continue to increase. Quality-of-life program goals for enlisted soldiers cannot be met without this barracks rebuild project. Also, shortfalls of company operations and supply requirements will continue to be met with diverted barracks space, resulting in inefficient administrative and storage capabilities.
ADDITIONAL: This project has been coordinated with the installation physical security plan, and all required physical security and/or combatting terrorism (CBT/T) measures are included. This project complies with the scope and design criteria of DOD 4270.1-M, "Construction Criteria," that were in effect 1 January 1987, as implemented by the Army's Architectural and Engineering Instructions (AEI), "Design Criteria," dated 9 December 1991, with the 18 September 1992 and all subsequent revisions included in the Design Criteria Information System (DCIS). 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) Design Start Date..... MAR 1994
(b) Percent Complete As Of 01 January 95 (BDGT YR).. 50
(c) Percent Complete As Of 01 October 95 (PROG YR).. 100

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

1.COMPONENT	FY 1996 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		FEBRUARY 1995

3.INSTALLATION AND LOCATION

Fort Hood, Texas

4.PROJECT TITLE	5.PROJECT NUMBER
Whole Barracks Complex Renewal	22612

12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

(d) Design Complete Date..... SEP 1995

(2) Basis:

(a) Standard or Definitive Design - (YES/NO) N

(b) Where Design Was Most Recently Used

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

(a) Production of Plans and Specifications..... 906

(b) All Other Design Costs..... 210

(c) Total Design Cost..... 1,116

(d) Contract.....

(e) In-house..... 1,116

(4) Construction Start..... FEB 1996
month & year

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	1996	32
Info Sys - ISC	OPA	1996	172
		TOTAL	204

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DEPARTMENT OF THE ARMY
FISCAL YEAR 1996
MILITARY CONSTRUCTION (PART I)
(DOLLARS ARE IN THOUSANDS)

STATE	PROJECT NUMBER	INSTALLATION (COMMAND) / PROJECT TITLE	AUTHORIZATION REQUEST	APPROPRIATION REQUEST	PAGE
Virginia		Fort Eustis (TRADOC)			139
	15962	Deployment Training Facility	5,400	5,400	141
		Subtotal Fort Eustis PART I	$ 5,400	5,400	
		Fort Myer (MDW)			145
	44486	Army Museum Land Acquisition	17,000	17,000	147
		Subtotal Fort Myer PART I	$ 17,000	17,000	
		* TOTAL MCA FOR Virginia	$ 22,400	22,400	

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1. COMPONENT	FY 1996-1997 MILITARY CONSTRUCTION PROGRAM	2. DATE
ARMY		FEBRUARY 1995

3. INSTALLATION AND LOCATION	4. COMMAND	5. AREA CONSTRUCTION COST INDEX
Fort Eustis Virginia	US Army Training and Doctrine Command	0.92

6. PERSONNEL STRENGTH:

	PERMANENT			STUDENTS			SUPPORTED			
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF 30 SEP 1994	629	3820	2258	345	1742	49	23	248	2075	11,189
B. END FY 2000	526	3652	2125	190	1549	18	26	98	2032	10,216

7. INVENTORY DATA ($000)

A. TOTAL ACREAGE.....	8,229 AC	
B. INVENTORY TOTAL AS OF 30 SEP 1994.....		908,943
C. AUTHORIZATION NOT YET IN INVENTORY.....		7,580
D. AUTHORIZATION REQUESTED IN THE FY 1996 PROGRAM.....		5,400
E. AUTHORIZATION REQUESTED IN THE FY 1997 PROGRAM.....		12,000
F. PLANNED IN NEXT FOUR YEARS (NEW MISSION ONLY).....		0
G. REMAINING DEFICIENCY.....		57,200
H. GRAND TOTAL.....		991,123

8. PROJECTS REQUESTED IN THE FY 1996 PROGRAM:

CATEGORY CODE	PROJECT NUMBER	PROJECT TITLE	COST ($000)	DESIGN STATUS START	DESIGN STATUS COMPLETE
171	15962	Deployment Training Facility	5,400	01/1994	05/1995
		TOTAL	5,400		

9. FUTURE PROJECTS:

CATEGORY CODE	PROJECT TITLE	COST ($000)
A. REQUESTED IN THE FY 1997 PROGRAM:		
721	Whole Barracks Complex Renewal	12,000
	TOTAL	12,000

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

10. MISSION OR MAJOR FUNCTIONS:

The mission of the US Army Transportation Center is to provide organization and training of all types of aircraft maintenance and transportation units as well as to provide logistical support to the US Army Transportation and Air Logistics School, the US Army Training Support Center, The 7th Transportation Group, the Transportation Engineering Agency and numerous support activities.

1. COMPONENT	FY 1996-1997 MILITARY CONSTRUCTION PROGRAM	2. DATE
ARMY		FEBRUARY 1995

INSTALLATION AND LOCATION: Fort Eustis Virginia

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

1.COMPONENT	FY 1996 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		FEBRUARY 1995

3.INSTALLATION AND LOCATION	4.PROJECT TITLE
Fort Eustis Virginia	Deployment Training Facility

5.PROGRAM ELEMENT	6.CATEGORY CODE	7.PROJECT NUMBER	8.PROJECT COST ($000)	
			Auth	5,400
85796A	171	15962	Approp	5,400

9.COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITY				4,113
Deployment Training Bldg	SF	39,125	100.50	(3,932)
EMCS Connection	LS	--	--	(37)
Building Information Systems	LS	--	--	(144)
SUPPORTING FACILITIES				713
Electric Service	LS	--	--	(155)
Water, Sewer, Gas	LS	--	--	(62)
Paving, Walks, Curbs And Gutters	LS	--	--	(216)
Storm Drainage	LS	--	--	(81)
Site Imp(169) Demo( )	LS	--	--	(169)
Information Systems	LS	--	--	(30)
ESTIMATED CONTRACT COST				4,826
CONTINGENCY PERCENT (5.00%)				241
SUBTOTAL				5,067
SUPERVISION, INSPECTION & OVERHEAD (6.00%)				304
TOTAL REQUEST				5,371
TOTAL REQUEST (ROUNDED)				5,400
INSTALLED EQUIPMENT-OTHER APPROPRIATIONS				(1,768)

10.Description of Proposed Construction

Construct a Strategic Deployment Training Center (SDTC) training facility to conduct strategic sealift and airlift deployment training. Project includes mobilization - deployment automated data processing (ADP) classrooms capable of hosting automated strategic mobility systems and porting instruction to remote sites, exercise implemention areas, space for a vessel simulator and a Navy-funded strategic crane simulator. Special foundation work is required. Connect to energy monitoring and control system (EMCS). Supporting facilities include utilities; electric service; exterior lighting; fire protection and alarm systems; paving, walks, curbs and gutters; storm drainage; information systems; and site improvements. Access for the handicapped will be provided. Heating will be provided by a gas-fired system. Air conditioning (75 tons) will be provided by a self-contained system.

11. REQUIREMENT: 761,102 SF ADEQUATE: 633,111 SF SUBSTANDARD: 15,587 SF

PROJECT: Construct a Strategic Deployment Training Center facility. (Current Mission)

REQUIREMENT: The SDTC training facility concept is an Army initiative to support the training of the Army's Strategic Mobility Plan and allow for consolidation of SDTC training at Fort Eustis. The Army's strategic mobility

1.COMPONENT	FY 1996 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		FEBRUARY 1995

3.INSTALLATION AND LOCATION

Fort Eustis, Virginia

4.PROJECT TITLE	5.PROJECT NUMBER
Deployment Training Facility	15962

REQUIREMENT: (CONTINUED)
program calls for Army capability to put a five-division, continental United States (CONUS)-based contingency force in place 75 days after a contingency or deployment action starts anywhere in the world to meet regional conflicts. Such a force projection plan calls for robust strategic training capability for the force so that it can deploy where needed. This project supports the Armed Forces staff reduction by emphasizing a flexible, multi-purpose training facility, outfitted with state-of-the-art networks, computer delivery systems and simulators. Completed project shifts training from traditional forward defense concept to the forward defense presence with emphasis on power projection and the ability to respond quickly.

CURRENT SITUATION: Currently, Watercraft Operator training is conducted aboard Forces Command (FORSCOM) vessels which results in significant personnel, maintenance and petroleum costs. Also, FORSCOM vessels are not always available due to other mission requirements. Therefore, training is not always consistently standardized. Crane training is conducted at Lamberts Point, Norfolk, Virginia, at a facility that is leased through December 1996. The SDTC training staff is far removed from the instruction sites. The staff and programs of instruction require consolidation in order to increase training efficiency.

IMPACT IF NOT PROVIDED: If the project is not provided, the SDTC will not have facilities to conduct Mobilization and Deployment Training Courses and Automated Air Load Planning Systems. Students will be forced to continue to use inadequate and antiquated facilities. The Technical Training Division (TTD) will be unable to orchestrate a CONUS and outside CONUS deployment scenario to integrate resident training and unit training. This project will lack the location and environment to conduct additional courses and orchestrate a combined program that offers the best learning conditions. The TTD will not be able to provide realistic training.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and no physical security and/or combatting terrorism (CBT/T) measures are required. This project complies with the scope and design criteria of DOD 4270.1-M, "Construction Criteria," that were in effect 1 January 1987, as implemented by the Army's Architectural and Engineering Instruction (AEI), "Design Criteria," dated 9 December 1991, with the 18 September 1992 and all subsequent revisions included in the Design Criteria Information System (DCIS). An economic analysis has been prepared and utilized in evaluating this project.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

(a) Design Start Date..... JAN 1994

(b) Percent Complete As Of 01 January 95 (BDGT YR).. 75

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

1.COMPONENT	FY 1996 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		FEBRUARY 1995

3.INSTALLATION AND LOCATION

Fort Eustis, Virginia

4.PROJECT TITLE	5.PROJECT NUMBER
Deployment Training Facility	15962

12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

(c) Percent Complete As Of 01 October 95 (PROG YR).. 100

(d) Design Complete Date..... MAY 1995

(2) Basis:

(a) Standard or Definitive Design - (YES/NO) N

(b) Where Design Was Most Recently Used

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

(a) Production of Plans and Specifications..... 306

(b) All Other Design Costs..... 205

(c) Total Design Cost..... 511

(d) Contract..... 391

(e) In-house..... 120

(4) Construction Start..... FEB 1996
month & year

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

Equipment Nomenclature	Procuring Appropriation	Fiscal Year Appropriated Or Requested	Cost ($000)
Simulator	OPA	1995	1,500
Info Sys - ISC	OPA	1996	144
Info Sys - PROP	OPA	1996	124
		TOTAL	1,768

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1. COMPONENT	FY 1996-1997 MILITARY CONSTRUCTION PROGRAM	2. DATE
ARMY		FEBRUARY 1995

3. INSTALLATION AND LOCATION	4. COMMAND	5. AREA CONSTRUCTION COST INDEX
Fort Myer Virginia	US Army Military District of Washington	1.03

6. PERSONNEL STRENGTH:

	PERMANENT			STUDENTS			SUPPORTED			
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF 30 SEP 1994	94	1881	434	0	0	0	42	868	346	3,665
B. END FY 2000	93	1906	253	0	0	0	43	871	653	3,819

7. INVENTORY DATA ($000)

A. TOTAL ACREAGE.....	256 AC	
B. INVENTORY TOTAL AS OF 30 SEP 1994.....		231,569
C. AUTHORIZATION NOT YET IN INVENTORY.....		23,011
D. AUTHORIZATION REQUESTED IN THE FY 1996 PROGRAM.....		17,000
E. AUTHORIZATION REQUESTED IN THE FY 1997 PROGRAM.....		0
F. PLANNED IN NEXT FOUR YEARS (NEW MISSION ONLY).....		0
G. REMAINING DEFICIENCY.....		2,193
H. GRAND TOTAL.....		273,773

8. PROJECTS REQUESTED IN THE FY 1996 PROGRAM:

CATEGORY CODE	PROJECT NUMBER	PROJECT TITLE	COST ($000)	DESIGN STATUS START	DESIGN STATUS COMPLETE
911	44486	Army Museum Land Acquisition	17,000		
		TOTAL	17,000		

9. FUTURE PROJECTS:

CATEGORY CODE	PROJECT TITLE	COST ($000)
A. REQUESTED IN THE FY 1997 PROGRAM: NONE		
B. PLANNED NEXT FOUR PROGRAM YEARS (NEW MISSION ONLY): NONE		

10. MISSION OR MAJOR FUNCTIONS:

Fort Myer serves as a troop/ceremonial post in support of missions assigned to the U.S. Army Military District of Washington. Fort Myer provides troop housing for the 3rd Inf Regt (The Old Guard), the U.S. Army Band (Pershing's Own), and authorized members of all services within the National Capital Region. Fort Myer provides housing for the Chairman, Joint Chiefs of Staff, the Chief of Staff, Army and the Chief of Staff, Air Force. Fort Myer, the Old Guard and the Army Band are responsible for supporting Arlington National Cemetery and numerous military ceremonies and public events throughout the Nation's Capital. Fort Myer provides base operations (BASOPS) support to the Pentagon, the White House and other authorized claimants throughout the National Capital Region. The 3rd Inf Regt supports contingency missions throughout the National Capital Region.

1. COMPONENT ARMY	FY 1996-1997 MILITARY CONSTRUCTION PROGRAM	2. DATE FEBRUARY 1995

INSTALLATION AND LOCATION: Fort Myer Virginia

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

1.COMPONENT	FY 1996 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		FEBRUARY 1995

3.INSTALLATION AND LOCATION	4.PROJECT TITLE
Fort Myer Virginia	Army Museum Land Acquisition

5.PROGRAM ELEMENT	6.CATEGORY CODE	7.PROJECT NUMBER	8.PROJECT COST ($000)
22896A	911	44486	Auth 17,000 Approp 17,000

9.COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITY				15,273
Land Purchase	LS	--	--	(15,273)
SUPPORTING FACILITIES				
ESTIMATED CONTRACT COST				15,273
CONTINGENCY PERCENT (10.0%)				1,527
SUBTOTAL				16,800
SUPERVISION, INSPECTION & OVERHEAD (1.20%)				202
TOTAL REQUEST				17,002
TOTAL REQUEST (ROUNDED)				17,000
INSTALLED EQUIPMENT-OTHER APPROPRIATIONS				(0)

10.Description of Proposed Construction Purchase in fee approximately seven acres of unencumbered land for the purpose of constructing the National Museum of the United States Army (NMUSA). The construction of the 375,000 SF NMUSA facility on this site will be funded entirely by private donations.

11. REQUIREMENT: 7 AC ADEQUATE: NONE SUBSTANDARD: NONE

PROJECT: Purchase in fee approximately seven acres of unencumbered land for the National Museum of the United States Army (NMUSA). (Current Mission)

REQUIREMENT: This project is required to provide a suitable site located within the Nation's Capital for the construction of the NMUSA facility. This location is required to recognize Army contributions, since 1775, in the development of the nation and provide access to millions of tourists annually. Such a location is essential for archival research, daily support to the Army leadership, and to develop the national support necessary to create the NMUSA facility. Following a ten-year search and the study of over 60 potential sites, there is no government property available in the Nation's Capital that meets the approved site criteria. This criteria includes: close to public transportation (and Tourmobile route if possible); convenient to National Archives, Library of Congress, and the Pentagon; adequate parking for both

1.COMPONENT	FY 1996 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		FEBRUARY 1995

3.INSTALLATION AND LOCATION

Fort Myer, Virginia

4.PROJECT TITLE	5.PROJECT NUMBER
Army Museum Land Acquisition	44486

REQUIREMENT: (CONTINUED)
staff and the portion of tourists not using public transportation; area low in crime. The purchase of the site proposed by this project is the only reasonable method to meet this criteria.
CURRENT SITUATION: There is no NMUSA facility. The Army is without a central depository for the preservation of its history and the United States lacks a national cultural and educational institution to tell the story of the Army and be a tribute to the American soldier. NMUSA is part of the Center of Military History, which occupies 55,000 SF of office space in Washington DC. These quarters lack climate control and do not provide space for public exhibition or adequate specialized areas for conservation, treatment laboratories or the storage of museum art and artifacts. NMUSA staff provides supervision of the Army Museum System of 60 field museums and control of the Army Historical Collection of over 500,000 artifacts and 10,000 works of art, valued at $750 million. The mission of each of these field museums is related to the specific oversight of unit, installation or branch history and its related collections. NMUSA would function as the capstone or central focus to improve their programs and provide professional museum services and training to the Army curators not now available. A national facility would also create for the general public a central location to review the rich military history of the United States, through exhibitions and in-depth research, while providing professional preservation and museum storage. The NMUSA will not only be able to preserve and exhibit artifacts that are currently in inadequate storage, but will likely attract donations of artifacts that are currently privately held. New and increased missions, resulting from Base Realignment and Closure (BRAC) and Army downsizing, have greatly expanded, with no additional resources, the overall requirements for preserving the Army Historical Collections.
IMPACT IF NOT PROVIDED: If this project is not provided, priceless historical material, through the absence of conservation laboratories and professional museum storage and the lack of professional training for museum staff, will continue to be stored in inadequate facilities which would result in its damage or loss. It will also mean the loss of educational benefit to the Army and the Nation, of quality exhibitions and historical studies. Failure to acquire this seven acre site would prevent the construction of the NMUSA facility on a prominent site currently available in the extended Monumental Corridor. The Army would lose the opportunity to create a cultural institution, in a significant location, that would interpret the life of, and be a tribute to, the American soldier. This museum's location, appropriately guarding the gateway to the Nation's Capital, is critical to providing citizens, as well as foreign visitors, an understanding of the prominent role the Army has in the development of the Nation and the World.
ADDITIONAL: This is the first of two interrelated but separately funded projects: acquisition of real estate for the museum site; and construction of a 375,000 SF NMUSA facility on this site (to be funded entirely by private

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

1.COMPONENT	FY 1996 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		FEBRUARY 1995

3.INSTALLATION AND LOCATION

Fort Myer, Virginia

4.PROJECT TITLE	5.PROJECT NUMBER
Army Museum Land Acquisition	44486

ADDITIONAL: (CONTINUED)

donations). This project has been coordinated with the installation physical security plan, and no physical security and/or combatting terrorism (CBT/T) measures are required. This project complies with the scope and design criteria of DOD 4270.1-M, "Construction Criteria," that were in effect 1 January 1987, as implemented by the Army's Architectural and Engineering Instruction (AEI), "Design Criteria," dated 9 December 1991, with the 18 September 1992 and all subsequent revisions included in the Design Criteria Information System (DCIS). An economic analysis has been prepared and utilized in evaluating this project.

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DEPARTMENT OF THE ARMY
FISCAL YEAR 1996
MILITARY CONSTRUCTION (PART I)
(DOLLARS ARE IN THOUSANDS)

STATE	PROJECT NUMBER	INSTALLATION (COMMAND) / PROJECT TITLE	AUTHORIZATION REQUEST	APPROPRIATION REQUEST	PAGE
Washington		Fort Lewis (FORSCOM)			153
	19280	Tactical Equipment Shop	15,000	15,000	155
	43326	Multi-Purpose Training Range-Yakima	8,500	8,500	158
	43339	Rail Spur & Tank Trails-Yakima	3,200	3,200	161
	43496	Consolidated Fuel Station	3,400	3,400	164
	44164	Tank Trail Erosion Mitigation-Yakima	2,000	2,000	167
		Subtotal Fort Lewis PART I	$ 32,100	32,100	
		* TOTAL MCA FOR Washington	$ 32,100	32,100	
** TOTAL INSIDE THE UNITED STATES FOR MCA			$ 330,880	330,880	

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1. COMPONENT	FY 1996-1997 MILITARY CONSTRUCTION PROGRAM	2. DATE
ARMY		FEBRUARY 1995

3. INSTALLATION AND LOCATION	4. COMMAND	5. AREA CONSTRUCTION COST INDEX
Fort Lewis Washington	US Army Forces Command	1.08

6. PERSONNEL STRENGTH:

	PERMANENT			STUDENTS			SUPPORTED			
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF 30 SEP 1994	2317	15624	3729	13	28	0	47	127	587	22,472
B. END FY 2000	2282	15284	3201	6	175	0	52	137	2210	23,347

7. INVENTORY DATA ($000)

A. TOTAL ACREAGE.....	95,017 AC
B. INVENTORY TOTAL AS OF 30 SEP 1994.....	2,860,555
C. AUTHORIZATION NOT YET IN INVENTORY.....	138,542
D. AUTHORIZATION REQUESTED IN THE FY 1996 PROGRAM.....	32,100
E. AUTHORIZATION REQUESTED IN THE FY 1997 PROGRAM.....	77,000
F. PLANNED IN NEXT FOUR YEARS (NEW MISSION ONLY).....	0
G. REMAINING DEFICIENCY.....	249,458
H. GRAND TOTAL.....	3,357,655

8. PROJECTS REQUESTED IN THE FY 1996 PROGRAM:

CATEGORY CODE	PROJECT NUMBER	PROJECT TITLE	COST ($000)	DESIGN STATUS START	DESIGN STATUS COMPLETE
179	43326	Multi-Purpose Training Range-Yakima	8,500	05/1994	09/1995
123	43496	Consolidated Fuel Station	3,400	05/1994	09/1995
851	43339	Rail Spur & Tank Trails-Yakima	3,200	12/1993	09/1995
851	44164	Tank Trail Erosion Mitigation-Yakima	2,000	06/1994	08/1995
214	19280	Tactical Equipment Shop	15,000	06/1994	09/1995
		TOTAL	32,100		

9. FUTURE PROJECTS:

CATEGORY CODE	PROJECT TITLE	COST ($000)
A. REQUESTED IN THE FY 1997 PROGRAM:		
721	Whole Brigade Complex Renewal	75,000
851	Tank Trail Erosion Mitigation-Yakima	2,000
	TOTAL	77,000

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

10. MISSION OR MAJOR FUNCTIONS:

Support and training of I Corps Headquarters and organizations assigned to I Corps, including a motorized brigade. Support Madigan Army Medical Center and Reserve Component annual training. Ensure the most efficient utilization of resources to operate Fort Lewis and accomplish all assigned missions. Conduct mobilization operations to meet wartime requirements. Conduct operations in support of civil

1. COMPONENT	FY 1996-1997 MILITARY CONSTRUCTION PROGRAM	2. DATE
ARMY		FEBRUARY 1995

INSTALLATION AND LOCATION: Fort Lewis Washington

10. MISSION OR MAJOR FUNCTIONS: (...CONTINUED)
authorities in domestic emergencies.

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

1.COMPONENT	FY 1996 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		FEBRUARY 1995

3.INSTALLATION AND LOCATION	4.PROJECT TITLE
Fort Lewis Washington	Tactical Equipment Shop

5.PROGRAM ELEMENT	6.CATEGORY CODE	7.PROJECT NUMBER	8.PROJECT COST ($000)
22696A	214	19280	Auth 15,000 Approp 15,000

9.COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITY				10,303
Vehicle Maint Shop Additions (7)	SF	37,428	129.65	(4,853)
Upgrade Vehicle Maint Shops (3)	SF	8,200	28.23	(232)
Oil-Water Separator	EA	5	97,755	(489)
Hardstand	SY	104,946	44.00	(4,618)
Building Information Systems	LS	--	--	(111)
SUPPORTING FACILITIES				3,265
Electric Service	LS	--	--	(818)
Water, Sewer, & Gas	LS	--	--	(752)
Site Imp(1,432) Demo(109)	LS	--	--	(1,541)
Information Systems	LS	--	--	(154)
ESTIMATED CONTRACT COST				13,568
CONTINGENCY PERCENT (5.00%)				678
SUBTOTAL				14,246
SUPERVISION, INSPECTION & OVERHEAD (6.00%)				855
TOTAL REQUEST				15,101
TOTAL REQUEST (ROUNDED)				15,000
INSTALLED EQUIPMENT-OTHER APPROPRIATIONS				(9)

10.Description of Proposed Construction

Construct a vehicle maintenance shop with hardstand. Upgrade existing vehicle maintenance shops and existing hardstand and install oil-water separators. Supporting facilities include utilities, electric service, paving, security fencing and lighting, parking, fire protection and alarm systems, information systems, and site improvements. Heating will be provided by central steam plant. Demolish 14 buildings (12,813 SF) and pavement (5,100 CY). Mechanical ventilation: 75,000 CFM.

11. REQUIREMENT: 941,077 SF ADEQUATE: 525,446 SF SUBSTANDARD: 190,032 SF

PROJECT: Construct a vehicle maintenance shop and upgrade existing shop and hardstand. (New Mission)

REQUIREMENT: This project is required to provide adequate organizational maintenance facilities, storage, hardstand, and support facilities for units of a heavy brigade recently stationed in the Fort Lewis Division Area. This stationing arrangement, however, results in these units being placed in facilities originally not intended for heavy-vehicle maintenance due to a shortfall of adequate vehicle maintenance shops and hardstand. These units were moved as part of the overseas drawdown and recently were stationed at Fort Lewis.

1.COMPONENT	FY 1996 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		FEBRUARY 1995

3.INSTALLATION AND LOCATION

Fort Lewis, Washington

4.PROJECT TITLE	5.PROJECT NUMBER
Tactical Equipment Shop	19280

CURRENT SITUATION: Existing vehicle maintenance facilities and hardstand do not meet requirements for Heavy Division track vehicles. Existing hardstand consists primarily of asphalt concrete pavement and would be unable to support the weight and impacts of track vehicles. Overhead vehicle bay door widths are generally 12 to 13 feet in width and could not accommodate track vehicles. Existing facilities have undergone little if any renovation since construction and require modification of heating, lighting, and exhaust systems.

IMPACT IF NOT PROVIDED: If this project is not provided, maintenance will be hampered due to inadequate facilities. Increases in operations and maintenance dollars would result due to turning movements and weight impacts of heavy vehicles on existing hardstand.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and all required physical security and/or combatting terrorism (CBT/T) measures are included. This project complies with the scope and design criteria of DOD 4270.1-M, "Construction Criteria," that were in effect 1 January 1987, as implemented by the Army's Architectural and Engineering Instructions (AEI), "Design Criteria," dated 9 December 1991, with the 18 September 1992 and all subsequent revisions included in the Design Criteria Information System (DCIS). 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) Design Start Date	JUN 1994
(b) Percent Complete As Of 01 January 95 (BDGT YR)	50
(c) Percent Complete As Of 01 October 95 (PROG YR)	100
(d) Design Complete Date	SEP 1995

(2) Basis:

(a) Standard or Definitive Design - (YES/NO) N

(b) Where Design Was Most Recently Used

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

	($000)
(a) Production of Plans and Specifications	810
(b) All Other Design Costs	60
(c) Total Design Cost	870
(d) Contract	
(e) In-house	870

(4) Construction Start: MAR 1996 (month & year)

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

1.COMPONENT	FY 1996 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		FEBRUARY 1995

3.INSTALLATION AND LOCATION	
Fort Lewis, Washington	
4.PROJECT TITLE	5.PROJECT NUMBER
Tactical Equipment Shop	19280

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)
Info Sys - ISC	OPA	1996	9
		TOTAL	9

1. COMPONENT	FY 1996 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
ARMY		FEBRUARY 1995

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
Fort Lewis Washington	Multi-Purpose Training Range-Yakima

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)	
			Auth	8,500
22696A	179	43326	Approp	8,500

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITY				6,627
Control Tower	SF	256	289.50	(74)
Range Support Building	SF	800	46.00	(37)
Target Maintenance Bldg	SF	9,600	69.58	(668)
Latrine	LS	--	--	(20)
SA Target Emplacement	EA	24	4,829	(116)
Total from Continuation page				(5,712)
SUPPORTING FACILITIES				1,047
Electric Service	LS	--	--	(764)
Site Imp( ) Demo(23)	LS	--	--	(23)
Information Systems	LS	--	--	(260)
ESTIMATED CONTRACT COST				7,674
CONTINGENCY PERCENT (5.00%)				384
SUBTOTAL				8,058
SUPERVISION, INSPECTION & OVERHEAD (6.00%)				483
TOTAL REQUEST				8,541
TOTAL REQUEST (ROUNDED)				8,500
INSTALLED EQUIPMENT-OTHER APPROPRIATIONS				(1,732)

10. Description of Proposed Construction: Construct a multi-purpose training range (MPTR), a double trail course (tank/Bradley Fighting Vehicle (BFV)), with 24 Stationary Armor Target (SAT) emplacements, four Armor, Moving Target Carriers (AMTC) emplacements, 60 Stationary Infantry Target (SIT) emplacements, and 10 Infantry Hostile Fire Simulators (IHFS) emplacements, and four defilade positions. Primary facilities include all construction within the perimeter of the range complex and consist of a control tower, range support building, tank trails, parking area, vehicle holding and maintenance area, maintenance trails, AMTC storage building, misfire pits, primary and secondary power and data distribution systems, information systems, and site improvements. Heating and air conditioning (3 tons) of the control tower will be provided by a package unit. Supporting facilities include all construction outside the perimeter of the range complex, which consists of security fencing and lighting, extending the tank trail and the primary power and communications lines a distance of approximately three miles. Demolish four metal buildings (4,550 SF).

11. REQUIREMENT: 1 EA ADEQUATE: NONE SUBSTANDARD: 1 EA
PROJECT: Construct a multi-purpose training range at Range 15. (New Mission)

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

1.COMPONENT	FY 1996 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		FEBRUARY 1995

3.INSTALLATION AND LOCATION

Fort Lewis, Washington

4.PROJECT TITLE	5.PROJECT NUMBER
Multi-Purpose Training Range-Yakima	43326

9. COST ESTIMATES (CONTINUED)

Item	U/M	QTY	Unit COST	Cost ($000)
PRIMARY FACILITY (CONTINUED)				
IHFS Emplacement	EA	10	320.00	(3)
AM Target Empacement	EA	4	178,450	(714)
SI Target Emplacement	EA	60	805.00	(48)
Defilade	EA	4	56,525	(226)
Ammo Loading Dock	LS	--	--	(24)
Missfire Pit	EA	1	6,600	(7)
Range Electrical	LS	--	--	(1,541)
Tank Trails	SY	73,400	14.26	(1,047)
Range Roads & Misc Paving	SY	38,250	14.26	(545)
Range Water/Sewer Service	LS	--	--	(11)
Range Storm Drainage	LS	--	--	(42)
Range Site Work	LS	--	--	(1,503)
Building Information Systems	LS	--	--	(1)
			Total	5,712

REQUIREMENT: This project is required to provide combat units with a live-fire training range capable of supporting the concurrent demand for gunnery requirements that now include the units of the heavy brigade which has recently-arrived from the overseas drawdown.

CURRENT SITUATION: Yakima Training Center has insufficient ranges to adequately support the existing M1 and BFV gunnery requirements. The existing multi-purpose range complex currently can support the light force structure at Fort Lewis; it does not support, however, the directed through-put requirements of these forces plus the additional heavy units of the recently-arrived brigade from the drawdown in Europe.

IMPACT IF NOT PROVIDED: If this project is not provided, there will be a significant adverse effect on unit training. Mechanized and armor units will not be able to maintain the degree of proficiency required.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and all required physical security and/or combatting terrorism (CBT/T) measures are included. This project complies with the scope and design criteria of DOD 4270.1-M, "Construction Criteria," that were in effect 1 January 1987, as implemented by the Army's Architectural and Engineering Instructions (AEI), "Design Criteria," dated 9 December 1991, with the 18 September 1992 and all subsequent revisions included in the Design Criteria Information System (DCIS). An economic analysis has been prepared and utilized in evaluating this project.

1. COMPONENT	FY 1996 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
ARMY		FEBRUARY 1995

3. INSTALLATION AND LOCATION

Fort Lewis, Washington

4. PROJECT TITLE	5. PROJECT NUMBER
Multi-Purpose Training Range-Yakima	43326

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

(a) Design Start Date	MAY 1994
(b) Percent Complete As Of 01 January 95 (BDGT YR)	75
(c) Percent Complete As Of 01 October 95 (PROG YR)	100
(d) Design Complete Date	SEP 1995

(2) Basis:

(a) Standard or Definitive Design - (YES/NO) N

(b) Where Design Was Most Recently Used

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

	($000)
(a) Production of Plans and Specifications	426
(b) All Other Design Costs	210
(c) Total Design Cost	636
(d) Contract	495
(e) In-house	141

(4) Construction Start: APR 1996 (month & year)

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

Equipment Nomenclature	Procuring Appropriation	Fiscal Year Appropriated Or Requested	Cost ($000)
Targetry	OPA	1996	1,671
Info Sys - ISC	OPA	1996	61
		TOTAL	1,732

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

1.COMPONENT	FY 1996 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		FEBRUARY 1995

3.INSTALLATION AND LOCATION	4.PROJECT TITLE
Fort Lewis Washington	Rail Spur & Tank Trails-Yakima

5.PROGRAM ELEMENT	6.CATEGORY CODE	7.PROJECT NUMBER	8.PROJECT COST ($000)	
			Auth	3,200
22696A	851	43339	Approp	3,200

9.COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITY				1,985
Upgrade Railroad Spur	LF	5,000	148.47	(742)
Upgrade On-Post Tank Trail	SY	18,430	32.79	(604)
Concrete Hardstand	SY	8,600	52.50	(452)
Loading Dock/Ramp	SF	5,040	20.95	(106)
Oil-Water Separator	EA	1	46,270	(46)
Real Estate Acquisition	AC	2.20	15,900	(35)
SUPPORTING FACILITIES				876
Electric Service	LS	--	--	(262)
Storm Drainage	LS	--	--	(80)
Site Imp(534) Demo( )	LS	--	--	(534)
ESTIMATED CONTRACT COST				2,861
CONTINGENCY PERCENT (5.00%)				143
SUBTOTAL				3,004
SUPERVISION, INSPECTION & OVERHEAD (6.00%)				180
TOTAL REQUEST				3,184
TOTAL REQUEST (ROUNDED)				3,200
INSTALLED EQUIPMENT-OTHER APPROPRIATIONS				(0)

10.Description of Proposed Construction Construct a railroad spur expansion and siding improvements. Primary facilities include expanding a railroad spur and siding and construction of hardstand and loading dock facilities along with the upgrade of an on-post tank trail. Land acquisition is required. Supporting facilities include security fencing, gates, and lighting; storm drainage; and site improvements.

11. REQUIREMENT: 1 EA ADEQUATE: NONE SUBSTANDARD: 1 EA

PROJECT: Construct a railroad spur expansion, loading dock, and siding improvements. (New Mission)

REQUIREMENT: This project is required to provide adequate loading and off-loading facilities and hardstand to enable a battalion plus of a heavy brigade to rail and convoy to Yakima Training Center. These units were moved as part of the overseas drawdown and recently were stationed at Fort Lewis. Each battalion is estimated to consist of approximately 66 track vehicles (Abrams/Bradleys) plus 20 to 40 associated vehicles. An estimated 40 rail cars worth of siding would be required to support this vehicle transport. Under the heavy division (-) concept, this scenario is anticipated to occur every two weeks for nine months of the year.

1.COMPONENT	FY 1996 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		FEBRUARY 1995

3.INSTALLATION AND LOCATION

Fort Lewis, Washington

4.PROJECT TITLE	5.PROJECT NUMBER
Rail Spur & Tank Trails-Yakima	43339

CURRENT SITUATION: Currently, units transport by rail to Pomona Siding then convoy approximately two miles along a county road, East Pomona Road, to Yakima Training Center, then one mile along an on-post tank trail to the YTC cantonement area. Pomona siding presently can accommodate 10 rail cars; parking areas consist of gravel material. East Pomona Road is a graveled, County road with a timber bridge crossing of Roza Canal. Weight limit of this bridge is 55 tons. The tank trail is a graveled road.

IMPACT IF NOT PROVIDED: If this project is not provided, unit training will be impacted by inefficient loading and unloading of vehicles. Units would have to truck tracked vehicles between the rail head and YTC at a considerable increase in cost and time. Adjacent farm lands and orchards will be impacted by dust generated by increased traffic volumes.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and all required physical security and/or combatting terrorism (CBT/T) measures are included. This project complies with the scope and design criteria of DOD 4270.1-M, "Construction Criteria," that were in effect 1 January 1987, as implemented by the Army's Architectural and Engineering Instructions (AEI), "Design Criteria," dated 9 December 1991, with the 18 September 1992 and all subsequent revisions included in the Design Criteria Information System (DCIS). An economic analysis has been prepared and utilized in evaluating this project. Coordinated access road improvements (Pomona Road) will be accomplished through the Defense Access Road Program.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

(a) Design Start Date	DEC 1993
(b) Percent Complete As Of 01 January 95 (BDGT YR)	60
(c) Percent Complete As Of 01 October 95 (PROG YR)	100
(d) Design Complete Date	SEP 1995

(2) Basis:

(a) Standard or Definitive Design - (YES/NO) N

(b) Where Design Was Most Recently Used

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

	($000)
(a) Production of Plans and Specifications	170
(b) All Other Design Costs	22
(c) Total Design Cost	192
(d) Contract	
(e) In-house	192

(4) Construction Start: APR 1996

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

1.COMPONENT	FY 1996 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		FEBRUARY 1995

3.INSTALLATION AND LOCATION	
Fort Lewis, Washington	
4.PROJECT TITLE	5.PROJECT NUMBER
Rail Spur & Tank Trails-Yakima	43339

12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

month & year

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			

1.COMPONENT	FY 1996 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		FEBRUARY 1995

3.INSTALLATION AND LOCATION	4.PROJECT TITLE
Fort Lewis Washington	Consolidated Fuel Station

5.PROGRAM ELEMENT	6.CATEGORY CODE	7.PROJECT NUMBER	8.PROJECT COST ($000)
22696A	123	43496	Auth 3,400 Approp 3,400

9.COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITY				2,352
Gasoline Station Building	SF	464	148.65	(69)
Fuel Pumps	EA	11	10,835	(119)
Bulk Dispensing Unit	EA	11	17,865	(197)
Point Dispensing Unit	EA	6	9,750	(59)
Vehicle Fuel Storage	GA	330,000	3.85	(1,271)
Total from Continuation page				(637)
SUPPORTING FACILITIES				696
Electric Service	LS	--	--	(177)
Water, Sewer, Gas	LS	--	--	(12)
Paving, Walks, Curbs And Gutters	LS	--	--	(204)
Storm Drainage	LS	--	--	(43)
Site Imp(78) Demo( )	LS	--	--	(78)
Information Systems	LS	--	--	(182)
ESTIMATED CONTRACT COST				3,048
CONTINGENCY PERCENT (5.00%)				152
SUBTOTAL				3,200
SUPERVISION, INSPECTION & OVERHEAD (6.00%)				192
TOTAL REQUEST				3,392
TOTAL REQUEST (ROUNDED)				3,400
INSTALLED EQUIPMENT-OTHER APPROPRIATIONS				(35)

10.Description of Proposed Construction Construct a consolidated fuel station. Project includes underground fuel tanks with leakage detection and monitoring equipment, dispensing equipment, lift station, fire alarm system, fuel station building, overhead canopies, hardstand, and fuel piping systems. Supporting facilities include utilities; electric service; fire protection and alarm systems; lightning protection; paving, walks, curbs and gutters; parking;, security fencing, gates, and lighting; storm drainage; information systems; and site improvements. Heating will be provided by an electrical heat unit.

11. REQUIREMENT: 462,000 GA ADEQUATE: 132,000 GA SUBSTANDARD: 391,600 GA
PROJECT: Construct a consolidated centralized fuel dispensing station. (Current Mission)
REQUIREMENT: This project is required to provide a consolidated centralized fuel dispensing facility located in the logistics center of Fort Lewis. This station will dispense fuel for military vehicles and/or aircraft. There will be eight tank truck dispensing units and four standard nozzle dispensing units. Six 50,000 gallon underground tanks will supply the fuel storage requirements plus the 150,000 gallons per month fuel dispensing requirements. Leak detection and monitoring equipment with alarms will protect the

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

1.COMPONENT	FY 1996 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		FEBRUARY 1995

3.INSTALLATION AND LOCATION

Fort Lewis, Washington

4.PROJECT TITLE	5.PROJECT NUMBER
Consolidated Fuel Station	43496

9. COST ESTIMATES (CONTINUED)

Item	U/M	QTY	Unit COST	Cost ($000)
PRIMARY FACILITY (CONTINUED)				
Distribution Piping	LF	1,445	103.34	(149)
Valves	EA	163	1,163	(190)
Lift Station	EA	1	20,000	(20)
Oil Water Separator	EA	1	24,725	(25)
Leak Detection	LS	--	--	(4)
Monitoring Equipment	LS	--	--	(102)
Canopies	LS	--	--	(112)
Fire Alarm System	LS	--	--	(14)
Air Compressor	EA	1	5,480	(5)
Building Information Systems	LS	--	--	(16)
			Total	637

REQUIREMENT: (CONTINUED)
environment from spills. This project will replace the current assortment of deteriorated fuel storage and dispensing tanks that are widely dispersed throughout Fort Lewis.

CURRENT SITUATION: There are currently 153 underground fuel storage and dispensing tanks (UST), 523,600 gallons, at 73 locations on Fort Lewis. 136 of these 153 underground fuel storage and dispensing tanks do not meet Environmental Protection Agency (EPA) standards. 42 percent of these are more than 30 years old and have exceeded their life expectancy of 20 years; 36 of these tanks already can no longer be used under current EPA regulations. By 1 Oct 95, all underground storage tanks on Fort Lewis must conform to EPA's new, more stringent requirements for underground storage tanks. The proposed project will allow Fort Lewis to meet these requirements. The initiation of this project is a good faith effort at compliance.

IMPACT IF NOT PROVIDED: If this project is not provided, Fort Lewis will have to add leak detection and monitoring equipment to the approved USTs and accomplish expensive upgrade of the remaining USTs to try to meet current EPA regulations for protection of the Fort Lewis environment.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and all required physical security and/or combatting terrorism (CBT/T) measures are included. This project complies with the scope and design criteria as implemented by the Army's Architectural and Engineering Instructions (AEI), "Design Criteria," dated 9 December 1991, with the 18 September 1992 and all subsequent revisions included in the Design Criteria Information System (DCIS). An economic analysis has been prepared and utilized in evaluating this project.

1. COMPONENT	FY 1996 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
ARMY		FEBRUARY 1995

3. INSTALLATION AND LOCATION

Fort Lewis, Washington

4. PROJECT TITLE	5. PROJECT NUMBER
Consolidated Fuel Station	43496

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

(a)	Design Start Date	MAY 1994
(b)	Percent Complete As Of 01 January 95 (BDGT YR)	75
(c)	Percent Complete As Of 01 October 95 (PROG YR)	100
(d)	Design Complete Date	SEP 1995

(2) Basis:

(a) Standard or Definitive Design - (YES/NO) N

(b) Where Design Was Most Recently Used

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

		($000)
(a)	Production of Plans and Specifications	124
(b)	All Other Design Costs	124
(c)	Total Design Cost	248
(d)	Contract	
(e)	In-house	248

(4) Construction Start: MAR 1996 (month & year)

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

Equipment Nomenclature	Procuring Appropriation	Fiscal Year Appropriated Or Requested	Cost ($000)
Info Sys - ISC	OPA	1996	35
		TOTAL	35

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

1.COMPONENT	FY 1996 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		FEBRUARY 1995

3.INSTALLATION AND LOCATION	4.PROJECT TITLE
Fort Lewis Washington	Tank Trail Erosion Mitigation-Yakima

5.PROGRAM ELEMENT	6.CATEGORY CODE	7.PROJECT NUMBER	8.PROJECT COST ($000)
22696A	851	44164	Auth 2,000 Approp 2,000

9.COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITY				1,791
MSR Road Upgrade	MI	3	85,000	(255)
Secondary Road Upgrade	MI	32	48,000	(1,536)
SUPPORTING FACILITIES				
ESTIMATED CONTRACT COST				1,791
CONTINGENCY PERCENT (5.00%)				90
SUBTOTAL				1,881
SUPERVISION, INSPECTION & OVERHEAD (6.00%)				113
TOTAL REQUEST				1,994
TOTAL REQUEST (ROUNDED)				2,000
INSTALLED EQUIPMENT-OTHER APPROPRIATIONS				(0)

10.Description of Proposed Construction Upgrade main supply routes (MSR) and secondary roads to mitigate impacts to surface water quality, soil erosion, vegetation and wildlife habitat. Work to include treating existing roads with crushed rock and providing protection for sensitive and riparian areas.

11. REQUIREMENT: 300 MI ADEQUATE: NONE SUBSTANDARD: 300 MI

PROJECT: Upgrade existing dirt roads to crushed rock. This is the first of ten phases. (New Mission)

REQUIREMENT: This project is required to reduce erosion from training activities at Yakima Training Center for the stationing of mechanized or armored combat forces (heavy forces) at Fort Lewis, Washington. These units were moved as part of the overseas drawdown and recently were stationed at Fort Lewis. This project was identified in the final environmental impact statement (EIS) and the record of decision (ROD). In addition, improved roads are expected to attract and hold more traffic than poorly maintained roads. This will result in less impact to vegetation and soils which directly impacts surface water quality and wildlife habitat.

1. COMPONENT	FY 1996 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
ARMY		FEBRUARY 1995

3. INSTALLATION AND LOCATION

Fort Lewis, Washington

4. PROJECT TITLE	5. PROJECT NUMBER
Tank Trail Erosion Mitigation-Yakima	44164

CURRENT SITUATION: Under the current conditions at Yakima Training Center with the on-going schedule of training with heavy and wheeled vehicles, soil erosion associated with the use of the road network has been identified as the major source of erosion which impacts surface water quality.

IMPACT IF NOT PROVIDED: If this project is not provided, the stationing of heavy forces at Fort Lewis will not meet the environmental mitigation requirements of the Record of Decision.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and no physical security and/or combatting terrorism (CBT/T) measures are required. This project complies with the scope and design criteria of DOD 4270.1-M, "Construction Criteria," that were in effect 1 January 1987, as implemented by the Army's Architectural and Engineering Instruction (AEI), "Design Criteria," dated 9 December 1991, with the 18 September 1992 and all subsequent revisions included in the Design Criteria Information System (DCIS). 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) Design Start Date	JUN 1994
(b) Percent Complete As Of 01 January 95 (BDGT YR)	55
(c) Percent Complete As Of 01 October 95 (PROG YR)	100
(d) Design Complete Date	AUG 1995

(2) Basis:

(a) Standard or Definitive Design - (YES/NO) N

(b) Where Design Was Most Recently Used

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

	($000)
(a) Production of Plans and Specifications	108
(b) All Other Design Costs	72
(c) Total Design Cost	180
(d) Contract	
(e) In-house	180

(4) Construction Start: APR 1996 (month & year)

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

1.COMPONENT	FY 1996 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		FEBRUARY 1995

3.INSTALLATION AND LOCATION	
Fort Lewis, Washington	
4.PROJECT TITLE	5.PROJECT NUMBER
Tank Trail Erosion Mitigation-Yakima	44164

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			

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DEPARTMENT OF THE ARMY
FISCAL YEAR 1996
MILITARY CONSTRUCTION (PART I)
(DOLLARS ARE IN THOUSANDS)

STATE	PROJECT NUMBER	INSTALLATION (COMMAND) PROJECT TITLE	AUTHORIZATION REQUEST	APPROPRIATION REQUEST	PAGE
Korea		Korea Various (EUSA)			173
		Eastern Corridor			
		Combined Field Army			
	44141	Whole Barracks Complex Renewal	6,800	6,800	175
		Eastern Corridor			
	44085	Dining Facility	4,150	4,150	178
	44086	Whole Barracks Complex Renewal	7,300	7,300	181
	44593	Whole Barracks Complex Renewal	6,200	6,200	184
		Western Corridor			
	44143	Whole Barracks Complex Renewal	5,600	5,600	187
		Subtotal Korea Various PART I	$ 30,050	30,050	
		* TOTAL MCA FOR Korea	$ 30,050	30,050	

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1. COMPONENT	FY 1996-1997 MILITARY CONSTRUCTION PROGRAM	2. DATE
ARMY		FEBRUARY 1995

3. INSTALLATION AND LOCATION	4. COMMAND	5. AREA CONSTRUCTION COST INDEX
Korea Various Korea	Eighth United States Army	1.12

6. PERSONNEL STRENGTH:

	PERMANENT			STUDENTS			SUPPORTED			
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF 30 SEP 1994	0	0	0	0	0	0	0	0	0	0
B. END FY 2000	0	0	0	0	0	0	0	0	0	0

7. INVENTORY DATA ($000)

A. TOTAL ACREAGE.....	0 AC	
B. INVENTORY TOTAL AS OF 30 SEP 1994.....		0
C. AUTHORIZATION NOT YET IN INVENTORY.....		110,846
D. AUTHORIZATION REQUESTED IN THE FY 1996 PROGRAM.....		30,050
E. AUTHORIZATION REQUESTED IN THE FY 1997 PROGRAM.....		30,000
F. PLANNED IN NEXT FOUR YEARS (NEW MISSION ONLY).....		0
G. REMAINING DEFICIENCY.....		435,893
H. GRAND TOTAL.....		606,789

8. PROJECTS REQUESTED IN THE FY 1996 PROGRAM:

CATEGORY CODE	PROJECT NUMBER	PROJECT TITLE	COST ($000)	DESIGN STATUS START	DESIGN STATUS COMPLETE
721	44141	Whole Barracks Complex Renewal	6,800	06/1994	08/1995
721	44143	Whole Barracks Complex Renewal	5,600	06/1994	08/1995
721	44086	Whole Barracks Complex Renewal	7,300	06/1994	08/1995
722	44085	Dining Facility	4,150	06/1994	08/1995
721	44593	Whole Barracks Complex Renewal	6,200	06/1994	08/1995
		TOTAL	30,050		

9. FUTURE PROJECTS:

CATEGORY CODE	PROJECT TITLE	COST ($000)
A. REQUESTED IN THE FY 1997 PROGRAM:		
721	Whole Barracks Complex Renewal	16,000
721	Whole Barracks Complex Renewal	14,000
	TOTAL	30,000

B. PLANNED NEXT FOUR 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 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

1. COMPONENT	FY 1996-1997 MILITARY CONSTRUCTION PROGRAM	2. DATE
ARMY		FEBRUARY 1995

INSTALLATION AND LOCATION: Korea Various Korea

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

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 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

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

1. COMPONENT	FY 1996 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
ARMY		FEBRUARY 1995

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
Camp Stanley Combined Field Army, Korea	Whole Barracks Complex Renewal

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
22496A	721	44141	Auth 6,800 Approp 6,800

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITY				5,039
Barracks	SF	41,832	110.00	(4,602)
Structural Foundation	LS	--	--	(349)
Building Information Systems	LS	--	--	(88)
SUPPORTING FACILITIES				1,002
Electric Service	LS	--	--	(86)
Water, Sewer, Gas	LS	--	--	(26)
Paving, Walks, Curbs And Gutters	LS	--	--	(64)
Storm Drainage	LS	--	--	(112)
Site Imp(560) Demo(20)	LS	--	--	(580)
Information Systems	LS	--	--	(117)
Fuel Oil Tank/Piping	LS	--	--	(17)
ESTIMATED CONTRACT COST				6,041
CONTINGENCY PERCENT (5.00%)				302
SUBTOTAL				6,343
SUPERVISION, INSPECTION & OVERHEAD (6.50%)				412
TOTAL REQUEST				6,755
TOTAL REQUEST (ROUNDED)				6,800
INSTALLED EQUIPMENT-OTHER APPROPRIATIONS				(125)

10. Description of Proposed Construction

Construct a barracks. Project includes living/sleeping room, bath, storage, laundry, mud room, and day room. Supporting facilities include utilities; electric service; fire protection and alarm systems; exterior lighting; paving, walks, curbs and gutters; parking; storm drainage; sewer systems; fuel oil storage tank; information systems; and site improvements. Heating will be provided by a self-contained oil-fired system. Air conditioning: 60 tons. Demolish four buildings (2,428 SF) with asbestos removal within the footprint. Provide comprehensive building and furnishings related interior design services.

11. REQUIREMENT: 2,967 PN ADEQUATE: 2,483 PN SUBSTANDARD: 64 PN

PROJECT: Construct a barracks. (Current Mission)

REQUIREMENT: This project is required to provide adequate barracks. This facility is urgently needed to meet the needs of an aviation battalion of the 2nd Infantry Division. This project will provide housing for a total (intended utilization) of 115 enlisted personnel (66 E1-E4, 39 E5-E6, 10 E7-E9). Maximum utilization for the barracks is 184 personnel.

1.COMPONENT	FY 1996 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		FEBRUARY 1995

3.INSTALLATION AND LOCATION

Camp Stanley, Combined Field Army, Korea

4.PROJECT TITLE	5.PROJECT NUMBER
Whole Barracks Complex Renewal	44141

CURRENT SITUATION: Soldiers assigned to this unit are housed in overcrowded, substandard buildings. These substandard facilities are deteriorated, lack adequate space, waste energy, have no air conditioning and are becoming structurally unsound. These substandard living and working 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, these soldiers will continue to live together under reduced space conditions in substandard buildings. Wasteful energy consumption and high maintenance expenditures will continue on buildings that have surpassed their useful life. This situation will persist and adversely affect the soldiers' morale and unit readiness.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and all required physical security and/or combatting terrorism (CBT/T) measures are included. This project complies with the scope and design criteria of DOD 4270.1-M, Construction Criteria, that were in effect 1 January 1987, as implemented by the Army's Architectural and Engineering Instructions (AEI), Design Criteria, dated 9 December 1991, with the 18 September 1992 and all subsequent revisions included in the Design Criteria Information System (DCIS). 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 and Eighth United States Army 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.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

(a) Design Start Date	JUN 1994
(b) Percent Complete As Of 01 January 95 (BDGT YR)	35
(c) Percent Complete As Of 01 October 95 (PROG YR)	100
(d) Design Complete Date	AUG 1995

(2) Basis:

(a) Standard or Definitive Design - (YES/NO) Y

(b) Where Design Was Most Recently Used
Camp Casey

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

	($000)
(a) Production of Plans and Specifications	272
(b) All Other Design Costs	136
(c) Total Design Cost	408
(d) Contract	326

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

1. COMPONENT	FY 1996 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
ARMY		FEBRUARY 1995

3. INSTALLATION AND LOCATION

Camp Stanley, Combined Field Army, Korea

4. PROJECT TITLE	5. PROJECT NUMBER
Whole Barracks Complex Renewal	44141

12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

(e) In-house..... 82

(4) Construction Start..... JAN 1996
month & year

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

Equipment Nomenclature	Procuring Appropriation	Fiscal Year Appropriated Or Requested	Cost ($000)
Info Sys - ISC	OPA	1996	125
		TOTAL	125

1. COMPONENT	FY 1996 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
ARMY		FEBRUARY 1995

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
Camp Casey Eastern Corridor, Korea	Dining Facility

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
22496A	722	44085	Auth 4,150 Approp 4,150

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITY				2,983
Dining Facility	SF	13,906	208.00	(2,893)
Pile Foundation	LS	--	--	(76)
Building Information Systems	LS	--	--	(14)
SUPPORTING FACILITIES				731
Electric Service	LS	--	--	(80)
Water, Sewer, Gas	LS	--	--	(32)
Paving, Walks, Curbs And Gutters	LS	--	--	(40)
Storm Drainage	LS	--	--	(53)
Site Imp(131) Demo(372)	LS	--	--	(504)
Information Systems	LS	--	--	(12)
Fuel Oil Tank/Pipe	LS	--	--	(10)
ESTIMATED CONTRACT COST				3,714
CONTINGENCY PERCENT (5.00%)				186
SUBTOTAL				3,900
SUPERVISION, INSPECTION & OVERHEAD (6.50%)				254
TOTAL REQUEST				4,154
TOTAL REQUEST (ROUNDED)				4,150
INSTALLED EQUIPMENT-OTHER APPROPRIATIONS				(14)

10. Description of Proposed Construction: Construct a standard-design dining facility. Supporting facilities include utilities; electric service; fire sprinkler system, fire protection and alarm systems; exterior lighting; paving, walks, curbs and gutters; parking; storm drainage; sewer systems; fuel oil storage tank; information systems; and site improvements. Heating will be provided by self-contained oil-fired system. Air conditioning: 70 tons. Demolish five buildings (7,896 SF) with asbestos removal within the footprint. Provide comprehensive building and furnishings related interior design services.

11. REQUIREMENT: 131,296 SF ADEQUATE: 73,734 SF SUBSTANDARD: 11,201 SF

PROJECT: Construct a standard-design dining facility. (Current Mission)

REQUIREMENT: This project is urgently needed to provide an adequate dining facility for the Division Support Command (DISCOM) headquarters and the Replacement Detachment of the 2nd Infantry Division. This dining facility will serve 400-800 personnel.

CURRENT SITUATION: Soldiers assigned to the Division Support Command (DISCOM) headquarters and the Replacement Detachment currently eat in two overcrowded, substandard facilities. The DISCOM dining facility was built in 1958. The Replacement Detachment operates out of a quonset hut originally

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

1.COMPONENT	FY 1996 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		FEBRUARY 1995

3.INSTALLATION AND LOCATION

Camp Casey, Eastern Corridor, Korea

4.PROJECT TITLE	5.PROJECT NUMBER
Dining Facility	44085

CURRENT SITUATION: (CONTINUED)
built in 1957 with various additions and refrigerator/freezer units attached to the facility. These substandard facilities are deteriorated, lack adequate space, waste energy, have limited air conditioning, and are becoming structurally unsound. Neither facility can be upgraded to current standards and support modern dining facility equipment. 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, these soldiers will continue to eat under crowded conditions in substandard and unhealthy quonset hut dining facilities. Wasteful energy consumption and high maintenance expenditures will continue on buildings that have surpassed their useful life. This situation will persist and adversely affect the soldiers' morale and unit readiness.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and all required physical security and/or combatting terrorism (CBT/T) measures are included. This project complies with the scope and design criteria of DOD 4270.1-M, Construction Criteria, that were in effect 1 January 1987, as implemented by the Army's Architectural and Engineering Instructions (AEI), Design Criteria, dated 9 December 1991, with the 18 September 1992 and all subsequent revisions included in the Design Criteria Information System (DCIS). 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 and Eighth United States Army 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.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

(a)	Design Start Date	JUN 1994
(b)	Percent Complete As Of 01 January 95 (BDGT YR)	35
(c)	Percent Complete As Of 01 October 95 (PROG YR)	100
(d)	Design Complete Date	AUG 1995

(2) Basis:

(a) Standard or Definitive Design - (YES/NO) Y

(b) Where Design Was Most Recently Used
Camp Casey

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

(a)	Production of Plans and Specifications	166

1. COMPONENT	FY 1996 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
ARMY		FEBRUARY 1995

3. INSTALLATION AND LOCATION

Camp Casey, Eastern Corridor, Korea

4. PROJECT TITLE	5. PROJECT NUMBER
Dining Facility	44085

12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

(b)	All Other Design Costs	83
(c)	Total Design Cost	249
(d)	Contract	208
(e)	In-house	41

(4) Construction Start ..... JAN 1996
month & year

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

Equipment Nomenclature	Procuring Appropriation	Fiscal Year Appropriated Or Requested	Cost ($000)
Info Sys - ISC	OPA	1996	14
		TOTAL	14

PREVIOUS EDITIONS MAY BE USED INTERNALLY
UNTIL EXHAUSTED

1. COMPONENT	FY 1996 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
ARMY		FEBRUARY 1995

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
Camp Hovey Eastern Corridor, Korea	Whole Barracks Complex Renewal

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
22496A	721	44086	Auth 7,300 Approp 7,300

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITY				5,782
Barracks	SF	41,832	110.00	(4,602)
Company Headquarters	SF	7,741	137.50	(1,064)
IDS Installation	LS	--	--	(11)
Building Information Systems	LS	--	--	(105)
SUPPORTING FACILITIES				729
Electric Service	LS	--	--	(126)
Water, Sewer, Gas	LS	--	--	(30)
Paving, Walks, Curbs And Gutters	LS	--	--	(107)
Storm Drainage	LS	--	--	(84)
Site Imp(154) Demo(186)	LS	--	--	(340)
Information Systems	LS	--	--	(25)
Fuel Oil Tank/Piping	LS	--	--	(17)
ESTIMATED CONTRACT COST				6,511
CONTINGENCY PERCENT (5.00%)				326
SUBTOTAL				6,837
SUPERVISION, INSPECTION & OVERHEAD (6.50%)				444
TOTAL REQUEST				7,281
TOTAL REQUEST (ROUNDED)				7,300
INSTALLED EQUIPMENT-OTHER APPROPRIATIONS				(150)

10. Description of Proposed Construction

Construct a barracks and a standard-design company operations facility. Project includes living/sleeping room, bath, storage, laundry, mud room, and day room. Install an intrusion detection system (IDS). Supporting facilities include utilities; electric service; fire protection and alarm systems; exterior lighting; paving, walks, curbs and gutters; parking; storm drainage; sewer systems; fuel oil storage tank; information systems; and site improvements. Heating will be provided by self-contained oil-fired systems. Air conditioning: 70 tons. Demolish 18 buildings (29,120 SF) with asbestos removal within the footprint. Provide comprehensive building and furnishings related interior design services.

11. REQUIREMENT: 3,180 PN ADEQUATE: 2,841 PN SUBSTANDARD: 911 PN

PROJECT: Construct a barracks and a standard-design company operations facility. (Current Mission)

REQUIREMENT: This project is required to provide adequate barracks and company operations facilities. These facilities are urgently needed to meet the needs of a mechanized infantry battalion of the 2nd Infantry Division. This project will provide housing for a total (intended utilization) of 125 enlisted personnel (78 E1-E4, 41 E5-E6, 6 E7-E9). Maximum utilization for the

1.COMPONENT	FY 1996 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		FEBRUARY 1995

3.INSTALLATION AND LOCATION	
Camp Hovey, Eastern Corridor, Korea	
4.PROJECT TITLE	5.PROJECT NUMBER
Whole Barracks Complex Renewal	44086

REQUIREMENT: (CONTINUED)
barracks is 184 personnel.
CURRENT SITUATION: Soldiers assigned to these units are housed in overcrowded, substandard quonset huts and H-relocatable buildings. These substandard facilities are deteriorated, lack adequate space, waste energy, have no air conditioning and are becoming structurally unsound. Many company operations areas are located in substandard facilities and some weapons storage areas require security waivers. These substandard living and working 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, these soldiers will continue to live and work together under reduced space conditions in substandard and unhealthy quonset huts and H-relocatable buildings. Wasteful energy consumption and high maintenance expenditures will continue on buildings that have surpassed their useful life. This situation will persist and adversely affect the soldiers' morale and unit readiness.
ADDITIONAL: This project has been coordinated with the installation physical security plan, and all required physical security and/or combatting terrorism (CBT/T) measures are included. This project complies with the scope and design criteria of DOD 4270.1-M, Construction Criteria, that were in effect 1 January 1987, as implemented by the Army's Architectural and Engineering Instructions (AEI), Design Criteria, dated 9 December 1991, with the 18 September 1992 and all subsequent revisions included in the Design Criteria Information System (DCIS). 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 and Eighth United States Army 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.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

(a)	Design Start Date	JUN 1994
(b)	Percent Complete As Of 01 January 95 (BDGT YR)	35
(c)	Percent Complete As Of 01 October 95 (PROG YR)	100
(d)	Design Complete Date	AUG 1995

(2) Basis:

(a) Standard or Definitive Design - (YES/NO) Y
(b) Where Design Was Most Recently Used
Camp Casey

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

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

1.COMPONENT	FY 1996 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		FEBRUARY 1995

3.INSTALLATION AND LOCATION

Camp Hovey, Eastern Corridor, Korea

4.PROJECT TITLE	5.PROJECT NUMBER
Whole Barracks Complex Renewal	44086

12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

(a)	Production of Plans and Specifications.....	292
(b)	All Other Design Costs.....	146
(c)	Total Design Cost.....	438
(d)	Contract.....	365
(e)	In-house.....	73

(4) Construction Start..... JAN 1996
month & year

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	1996	30
Info Sys - ISC	OPA	1996	120
		TOTAL	150

1. COMPONENT	FY 1996 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
ARMY		FEBRUARY 1995

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
Camp Hovey Eastern Corridor, Korea	Whole Barracks Complex Renewal

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
22496A	721	44593	Auth 6,200 Approp 6,200

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITY				5,012
Barracks	SF	44,764	110.00	(4,924)
Building Information Systems	LS	--	--	(88)
SUPPORTING FACILITIES				574
Electric Service	LS	--	--	(77)
Water, Sewer, Gas	LS	--	--	(27)
Paving, Walks, Curbs And Gutters	LS	--	--	(100)
Storm Drainage	LS	--	--	(81)
Site Imp(233) Demo(21)	LS	--	--	(254)
Information Systems	LS	--	--	(18)
Fuel Oil Tank/Piping	LS	--	--	(17)
ESTIMATED CONTRACT COST				5,586
CONTINGENCY PERCENT (5.00%)				279
SUBTOTAL				5,865
SUPERVISION, INSPECTION & OVERHEAD (6.50%)				381
TOTAL REQUEST				6,246
TOTAL REQUEST (ROUNDED)				6,200
INSTALLED EQUIPMENT-OTHER APPROPRIATIONS				(119)

10. Description of Proposed Construction: Construct a barracks. Project includes living/sleeping rooms, bath, storage, laundry, mud room, and day room. Supporting facilities include utilities; electric service; exterior lighting; fire protection and alarm systems; paving, walks, curbs and gutters; parking; storm drainage; sewer systems; fuel oil storage tanks; information systems; and site improvements. Heating will be provided by a self-contained oil-fired system. Air conditioning: 60 tons. Demolish 10 buildings (9,600 SF) with asbestos removal within the footprint. Provide comprehensive building and furnishings related interior design services.

11. REQUIREMENT: 3,180 PN ADEQUATE: 2,841 PN SUBSTANDARD: 911 PN

PROJECT: Construct a barracks. (Current Mission)

REQUIREMENT: This project is required to provide adequate barracks. This facility is urgently needed to meet the needs of a field artillery battalion of the 2nd Infantry Division. This project will provide housing for a total (intended utilization) of 130 enlisted personnel (80 E1-E4, 40 E5-E6, 10 E7-E9). Maximum utilization for the barracks is 200 personnel.

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

1. COMPONENT	FY 1996 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
ARMY		FEBRUARY 1995

3. INSTALLATION AND LOCATION

Camp Hovey, Eastern Corridor, Korea

4. PROJECT TITLE	5. PROJECT NUMBER
Whole Barracks Complex Renewal	44593

CURRENT SITUATION: Soldiers assigned to this unit are housed in overcrowded, substandard buildings. These substandard facilities are deteriorated, lack adequate space, waste energy, and are becoming structurally unsound. These substandard living 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, these soldiers will continue to live together under reduced space conditions in substandard buildings. Wasteful energy consumption and high maintenance expenditures will continue on buildings that have surpassed their useful life. These situations will persist and adversely affect the soldiers' morale and unit readiness.
ADDITIONAL: This project has been coordinated with the installation physical security plan, and all required physical security and/or combatting terrorism (CBT/T) measures are included. This project complies with the scope and design criteria of DOD 4270.1-M, Construction Criteria, that were in effect 1 January 1987, as implemented by the Army's Architectural and Engineering Instructions (AEI), Design Criteria, dated 9 December 1991, with the 18 September 1992 and all subsequent revisions included in the Design Criteria Information System (DCIS). 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 and Eighth United States Army 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.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

(a)	Design Start Date	JUN 1994
(b)	Percent Complete As Of 01 January 95 (BDGT YR)	35
(c)	Percent Complete As Of 01 October 95 (PROG YR)	100
(d)	Design Complete Date	AUG 1995

(2) Basis:

(a) Standard or Definitive Design - (YES/NO) Y
(b) Where Design Was Most Recently Used
Camp Casey

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

		($000)
(a)	Production of Plans and Specifications	260
(b)	All Other Design Costs	130
(c)	Total Design Cost	390
(d)	Contract	312
(e)	In-house	78

1.COMPONENT	FY 1996 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		FEBRUARY 1995

3.INSTALLATION AND LOCATION

Camp Hovey, Eastern Corridor, Korea

4.PROJECT TITLE	5.PROJECT NUMBER
Whole Barracks Complex Renewal	44593

12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

(4) Construction Start..... JAN 1996
month & year

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

Equipment Nomenclature	Procuring Appropriation	Fiscal Year Appropriated Or Requested	Cost ($000)
Info Sys - ISC	OPA	1996	119
		TOTAL	119

PREVIOUS EDITIONS MAY BE USED INTERNALLY
UNTIL EXHAUSTED

1. COMPONENT	FY 1996 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
ARMY		FEBRUARY 1995

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
Camp Pelham Western Corridor, Korea	Whole Barracks Complex Renewal

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
22496A	721	44143	Auth 5,600 Approp 5,600

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITY				4,753
Barracks	SF	41,832	110.00	(4,602)
Pile Foundation	LS	--	--	(63)
Building Information Systems	LS	--	--	(88)
SUPPORTING FACILITIES				296
Electric Service	LS	--	--	(61)
Water, Sewer, Gas	LS	--	--	(31)
Paving, Walks, Curbs And Gutters	LS	--	--	(34)
Storm Drainage	LS	--	--	(29)
Site Imp(57) Demo(48)	LS	--	--	(105)
Information Systems	LS	--	--	(19)
Fuel Oil Tank/Piping	LS	--	--	(17)
ESTIMATED CONTRACT COST				5,049
CONTINGENCY PERCENT (5.00%)				252
SUBTOTAL				5,301
SUPERVISION, INSPECTION & OVERHEAD (6.50%)				345
TOTAL REQUEST				5,646
TOTAL REQUEST (ROUNDED)				5,600
INSTALLED EQUIPMENT-OTHER APPROPRIATIONS				(100)

10. Description of Proposed Construction: Construct a barracks. Project includes living/sleeping room, bath, storage, laundry, mud room, and day room. Supporting facilities include utilities; electric service; fire protection and alarm systems; exterior lighting; paving, walks, curbs and gutters; parking; storm drainage; sewer systems; fuel oil storage tank; information systems; and site improvements. Heating will be provided by a self-contained oil-fired system. Air conditioning: 60 tons. Demolish six buildings (6,100 SF) with asbestos removal within the footprint. Provide comprehensive building and furnishings related interior design services.

11. REQUIREMENT: 1,320 PN ADEQUATE: 977 PN SUBSTANDARD: 218 PN

PROJECT: Construct a barracks. (Current Mission)

REQUIREMENT: This project is required to provide adequate barracks. This facility is urgently needed to meet the needs of the divisional cavalry squadron of the 2nd Infantry Division. This project will provide housing for a total (intended utilization) of 121 enlisted personnel (72 E1-E4, 42 E5-E6, 7 E7-E9). Maximum utilization for the barracks is 184 personnel.

1.COMPONENT	FY 1996 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		FEBRUARY 1995

3.INSTALLATION AND LOCATION

Camp Pelham, Western Corridor, Korea

4.PROJECT TITLE	5.PROJECT NUMBER
Whole Barracks Complex Renewal	44143

CURRENT SITUATION: Soldiers assigned to these units are housed in overcrowded, substandard buildings. These substandard facilities are deteriorated, lack adequate space, waste energy, have no air conditioning and are becoming structurally unsound. These substandard living and working 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, these soldiers will continue to live together under reduced space conditions in substandard buildings. Wasteful energy consumption and high maintenance expenditures will continue on buildings that have surpassed their useful life. This situation will persist and adversely affect the soldiers' morale and unit readiness.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and all required physical security and/or combatting terrorism (CBT/T) measures are included. This project complies with the scope and design criteria of DOD 4270.1-M, Construction Criteria, that were in effect 1 January 1987, as implemented by the Army's Architectural and Engineering Instructions (AEI), Design Criteria, dated 9 December 1991, with the 18 September 1992 and all subsequent revisions included in the Design Criteria Information System (DCIS). 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 and Eighth United States Army 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.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

(a) Design Start Date	JUN 1994
(b) Percent Complete As Of 01 January 95 (BDGT YR)	35
(c) Percent Complete As Of 01 October 95 (PROG YR)	100
(d) Design Complete Date	AUG 1995

(2) Basis:

(a) Standard or Definitive Design - (YES/NO) Y

(b) Where Design Was Most Recently Used
Camp Casey

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

	($000)
(a) Production of Plans and Specifications	224
(b) All Other Design Costs	112
(c) Total Design Cost	336
(d) Contract	280

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

1. COMPONENT	FY 1996 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
ARMY		FEBRUARY 1995

3. INSTALLATION AND LOCATION

Camp Pelham, Western Corridor, Korea

4. PROJECT TITLE	5. PROJECT NUMBER
Whole Barracks Complex Renewal	44143

12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

(e) In-house..... 56

(4) Construction Start..... JAN 1996
month & year

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

Equipment Nomenclature	Procuring Appropriation	Fiscal Year Appropriated Or Requested	Cost ($000)
Info Sys - ISC	OPA	1996	100
		TOTAL	100

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DEPARTMENT OF THE ARMY
FISCAL YEAR 1996
MILITARY CONSTRUCTION (PART I)
(DOLLARS ARE IN THOUSANDS)

STATE	PROJECT NUMBER	INSTALLATION (COMMAND) / PROJECT TITLE	AUTHORIZATION REQUEST	APPROPRIATION REQUEST	PAGE
Overseas Various		Classified Location (FORVAR)			193
		Classified Location			
	42608	Strategic Logistical Prepo Complex Ph I	48,000	48,000	195
		Subtotal Classified Location PART I	$ 48,000	48,000	
		* TOTAL MCA FOR Overseas Various	$ 48,000	48,000	
** TOTAL OUTSIDE THE UNITED STATES FOR MCA			$ 78,050	78,050	

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1. COMPONENT	FY 1996-1997 MILITARY CONSTRUCTION PROGRAM	2. DATE
ARMY		FEBRUARY 1995

3. INSTALLATION AND LOCATION	4. COMMAND	5. AREA CONSTRUCTION COST INDEX
Classified Location Overseas Various	Various US Army Major Commands-Foreign	1.00

6. PERSONNEL STRENGTH:

	PERMANENT			STUDENTS			SUPPORTED			
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF 30 SEP 1994	0	0	0	0	0	0	0	0	0	0
B. END FY 2000	0	0	0	0	0	0	0	0	0	0

7. INVENTORY DATA ($000)

A. TOTAL ACREAGE.....	0 AC	
B. INVENTORY TOTAL AS OF 30 SEP 1994.....		0
C. AUTHORIZATION NOT YET IN INVENTORY.....		11,239
D. AUTHORIZATION REQUESTED IN THE FY 1996 PROGRAM.....		48,000
E. AUTHORIZATION REQUESTED IN THE FY 1997 PROGRAM.....		64,000
F. PLANNED IN NEXT FOUR YEARS (NEW MISSION ONLY).....		44,800
G. REMAINING DEFICIENCY.....		142,900
H. GRAND TOTAL.....		310,939

8. PROJECTS REQUESTED IN THE FY 1996 PROGRAM:

CATEGORY CODE	PROJECT NUMBER	PROJECT TITLE	COST ($000)	DESIGN STATUS START	DESIGN STATUS COMPLETE
442	42608	Strategic Logistical Prepo Complex Ph I	48,000	05/1994	09/1995
		TOTAL	48,000		

9. FUTURE PROJECTS:

CATEGORY CODE	PROJECT TITLE	COST ($000)
A. REQUESTED IN THE FY 1997 PROGRAM:		
441	Strategic Logistical Prepo Complex Ph II	64,000
	TOTAL	64,000
B. PLANNED NEXT FOUR PROGRAM YEARS (NEW MISSION ONLY):		
441	Strategic Logistics Initiative Prepo PhIII	44,800
	TOTAL	44,800

10. MISSION OR MAJOR FUNCTIONS:

Support of U.S. Army Forces Worldwide.

1. COMPONENT	FY 1996-1997 MILITARY CONSTRUCTION PROGRAM	2. DATE
ARMY		FEBRUARY 1995

INSTALLATION AND LOCATION: Classified Location Overseas Various

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

1.COMPONENT	FY 1996 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		FEBRUARY 1995

3.INSTALLATION AND LOCATION	4.PROJECT TITLE
Classified Location Classified Location, Overseas Various	Strategic Logistical Prepo Complex Ph I

5.PROGRAM ELEMENT	6.CATEGORY CODE	7.PROJECT NUMBER	8.PROJECT COST ($000)
22696A	442	42608	Auth 48,000 Approp 48,000

9.COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITY				35,814
Maintenance & Preservation Facil	SF	50,400	104.00	(5,242)
Arms Maintenance & Storage Bldg	SF	7,081	86.00	(609)
A.C. Warehouse	SF	37,467	60.00	(2,248)
Administration Building General	SF	19,099	105.00	(2,005)
Open Warehouse	SF	30,548	20.00	(611)
Total from Continuation page				(25,099)
SUPPORTING FACILITIES				7,017
Electric Service	LS	--	--	(2,697)
Water, Sewer, Gas	LS	--	--	(983)
Paving, Walks, Curbs And Gutters	LS	--	--	(1,453)
Storm Drainage	LS	--	--	(13)
Site Imp(961) Demo( )	LS	--	--	(961)
Information Systems	LS	--	--	(910)
ESTIMATED CONTRACT COST				42,831
CONTINGENCY PERCENT (5.00%)				2,142
SUBTOTAL				44,973
SUPERVISION, INSPECTION & OVERHEAD (6.50%)				2,923
TOTAL REQUEST				47,896
TOTAL REQUEST (ROUNDED)				48,000
INSTALLED EQUIPMENT-OTHER APPROPRIATIONS				(333)

10.Description of Proposed Construction Construct the initial phase of a three-phase project required to develop an Army outside continental United States (OCONUS) prepositioning and logistical storage complex. The FY 96 phase includes construction of a vehicle maintenance and preservation building, controlled humidity warehouses for unit wheeled and tracked vehicles, air conditioned warehouses for rations and medical supply storage, general purpose warehousing and security facilities. Construction of required project infrastructure includes the primary power, sewage and potable water treatment plants, and utility distribution systems. Supporting facilities include underground electrical, water, sewer, information systems, and site improvements. Phases II and III are programmed for FY 97 and FY 98.

11. REQUIREMENT: 1 EA ADEQUATE: NONE SUBSTANDARD: NONE

PROJECT: Construct the first phase of an OCONUS strategic logistical storage complex for the prepositioning ashore of an Army heavy brigade and selected Army division units in Southwest Asia. (New Mission)

REQUIREMENT: This project is required to provide the facilities to preposition all unit equipment, materiel, and supplies of a second US Army heavy brigade, along with selected unit equipment and sustainment supplies for

1.COMPONENT	FY 1996 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		FEBRUARY 1995

3.INSTALLATION AND LOCATION

Classified Location, Classified Location, Overseas Various

4.PROJECT TITLE	5.PROJECT NUMBER
Strategic Logistical Prepo Complex Ph I	42608

9. COST ESTIMATES (CONTINUED)

Item	U/M	QTY	Unit COST	Cost ($000)
PRIMARY FACILITY (CONTINUED)				
Vehicle Storage	SF	15,667	20.00	(313)
Staging Area	SY	76,500	11.00	(842)
General Purpose Warehouse	SF	148,803	45.00	(6,696)
Category E Equipment	LS	--	--	(800)
Open Storage	SY	41,688	13.00	(542)
Controlled Humidity Warehouse	SF	82,402	60.00	(4,944)
Fuel Distribution System	GA	96,000	19.00	(1,824)
Guard Tower (4 EA)	SF	620	74.00	(46)
Guard House (2 EA)	SF	372	162.00	(60)
Power Plant	KW	5,200	1,213	(6,308)
Elevated Water Storage Tank	GA	75,000	4.00	(300)
Water Treatment Plant	KG	110	802.00	(88)
Steam Cleaning Facilty	SF	4,585	54.00	(248)
Grease Rack	SF	5,219	39.00	(204)
Brake Test Pad	EA	1	266,310	(266)
Ground Storage Tank	GA	500,000	2.00	(1,000)
Fire Pumps	LS	--	--	(175)
Building Information Systems	LS	--	--	(443)
			Total	25,099

REQUIREMENT: (CONTINUED)
elements of an Army division base ashore in Southwest Asia. Project is required to implement the Army Global Prepositioning strategy for the United States Central Command (USCENTCOM) in compliance with the Bottom-Up Review and Defense Planning Guidance. Project construction is critical to support US Commander-in-Chief Central's (USCINCCENT's) peacetime and warfighting strategy. Facilities for prepositioning equipment and supplies for heavy US Army forces in theater enhances regional security, deters aggression, and is vital to the defense of US national interests in Southwest Asia. Construction of facilities is imperative to provide for the adequate storage and maintenance of approximately $2.2 billion dollars of US Army unit equipment and supplies.

CURRENT SITUATION: The equipment, materiel, and supplies for the Army heavy brigade and division base (-) are currently located in CONUS and Europe. Locating this equipment outside of Southwest Asia poses an unacceptable and unnecessary risk for the Army, USCINCENT and the National Command Authority (NCA). Lack of prepositioned Army equipment constrains NCA flexibility by severely limiting the available time to consider, develop and execute non-military courses of action to resolve any emerging regional crisis. Currently, in order to adequately protect vital US interests from a perceived

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

1.COMPONENT	FY 1996 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		FEBRUARY 1995

3.INSTALLATION AND LOCATION

Classified Location, Classified Location, Overseas Various

4.PROJECT TITLE	5.PROJECT NUMBER
Strategic Logistical Prepo Complex Ph I	42608

CURRENT SITUATION: (CONTINUED)
military threat, the NCA must order heavy Army force deployments at the outset of a regional crisis. The deployment of significant heavy Army forces to the theater via strategic airlift is currently constrained due to a shortfall of capable aircraft. The time required for the loading, ocean transit, and off-loading of heavy Army forces from CONUS to Southwest Asia by strategic sealift provides an unacceptable level of risk for the Army, USCINCENT, and the NCA. The strategic requirement for this project was vividly demonstrated in October 1994 by the rapid buildup of Iraqi heavy forces on the Kuwaiti border (Operation VIGILANT WARRIOR). No other method for obtaining the required facilities is available.

IMPACT IF NOT PROVIDED: If this project is not provided, the Army will not be able to comply with the Bottom-Up Review, Defense Planning Guidance, or implement the Army's Global Prepositioning strategy. The Army will not be able to preposition the equipment for a second US Army heavy brigade and selected Army division units in Southwest Asia. The capability of the Army to provide forces to USCINCENT and the NCA to enable regional deterrence, respond to a crisis to protect US vital interests in the region will be degraded to an unacceptable level. The cost of strategic airlift, provided it is available, of the required Army heavy brigade and selected division units and supplies from CONUS to Southwest Asia would exceed $345 million. The cost of strategic sealift, if sufficient time is available, would exceed $26 million. The strategic significance of project construction to the Army, USCINCENT, and the National Command Authority cannot be overstated.

ADDITIONAL: This project has been coordinated to provide an integrated installation physical security plan and all required physical security and/or combatting terrorism (CBT/T) measures are included. This project complies with the scope and design criteria of DOD 4270.1-M, "Construction Criteria", that were in effect 1 January 1987, as implemented by the Army's Architectural and Engineering Instructions (AEI), "Design Criteria", dated 9 December 1991, with the 18 September 1992 and all subsequent revisions included in the Design Criteria Information Systems (DCIS). The Host Nation has committed, in the Defense Cooperation Agreement, to provide land, security, and available logistical/utilities support. Alternative funding for this project also is being sought under a CINCCENTCOM initiative for burden sharing between the US, the Gulf Coast Coalition, and other industrialized nations. This has been forwarded to the Department of State. The success of this initiative and the extent of burdensharing can not be forecasted at this time. An economic analysis has been prepared and utilized in evaluating this project.

1.COMPONENT	FY 1996 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		FEBRUARY 1995

3.INSTALLATION AND LOCATION

Classified Location, Classified Location, Overseas Various

4.PROJECT TITLE	5.PROJECT NUMBER
Strategic Logistical Prepo Complex Ph I	42608

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

(a) Design Start Date	MAY 1994
(b) Percent Complete As Of 01 January 95 (BDGT YR)	35
(c) Percent Complete As Of 01 October 95 (PROG YR)	100
(d) Design Complete Date	SEP 1995

(2) Basis:

(a) Standard or Definitive Design - (YES/NO) N

(b) Where Design Was Most Recently Used

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

	($000)
(a) Production of Plans and Specifications	1,290
(b) All Other Design Costs	860
(c) Total Design Cost	2,150
(d) Contract	
(e) In-house	2,150

(4) Construction Start ..... DEC 1995
month & year

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

Equipment Nomenclature	Procuring Appropriation	Fiscal Year Appropriated Or Requested	Cost ($000)
Info Sys - PROP	OPA	1996	333
		TOTAL	333

PREVIOUS EDITIONS MAY BE USED INTERNALLY
UNTIL EXHAUSTED

DEPARTMENT OF THE ARMY
FISCAL YEAR 1996
MILITARY CONSTRUCTION (PART I)
(DOLLARS ARE IN THOUSANDS)

STATE	PROJECT NUMBER	INSTALLATION (COMMAND) / PROJECT TITLE	AUTHORIZATION REQUEST	APPROPRIATION REQUEST	PAGE
Worldwide Various		Worldwide Various Locations (WORLDWD)			201
	45246	Classified Project	1,900	1,900	203
		Subtotal Worldwide Various Locations PART I	$ 1,900	1,900	
		Minor Construction (MINEXG)			205
	30427	Unspecified Minor Construction	9,000	9,000	207
		Subtotal Minor Construction PART I	$ 9,000	9,000	
		Planning and Design (PLANDES)			209
	28533	Host Nation Support	20,000	20,000	211
	34127	Planning and Design	32,894	32,894	213
		Subtotal Planning and Design PART I	$ 52,894	52,894	
		* TOTAL MCA FOR Worldwide Various	$ 63,794	63,794	
** TOTAL WORLDWIDE FOR MCA			$ 63,794	63,794	
MILITARY CONSTRUCTION (PART I) TOTAL			$ 472,724	472,724	

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1. COMPONENT	FY 1996-1997 MILITARY CONSTRUCTION PROGRAM	2. DATE
ARMY		FEBRUARY 1995

3. INSTALLATION AND LOCATION	4. COMMAND	5. AREA CONSTRUCTION COST INDEX
Worldwide Various Locations Worldwide Various	US Army Strategic Defense Command	1.00

6. PERSONNEL STRENGTH:

	PERMANENT			STUDENTS			SUPPORTED			
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF 30 SEP 1994	0	0	0	0	0	0	0	0	0	0
B. END FY 2000	0	0	0	0	0	0	0	0	0	0

7. INVENTORY DATA ($000)

A. TOTAL ACREAGE.....	0 AC
B. INVENTORY TOTAL AS OF 30 SEP 1994.....	0
C. AUTHORIZATION NOT YET IN INVENTORY.....	792,157
D. AUTHORIZATION REQUESTED IN THE FY 1996 PROGRAM.....	1,900
E. AUTHORIZATION REQUESTED IN THE FY 1997 PROGRAM.....	0
F. PLANNED IN NEXT FOUR YEARS (NEW MISSION ONLY).....	71,729
G. REMAINING DEFICIENCY.....	20,606,758
H. GRAND TOTAL.....	21,472,544

8. PROJECTS REQUESTED IN THE FY 1996 PROGRAM:

CATEGORY CODE	PROJECT NUMBER	PROJECT TITLE	COST ($000)	DESIGN STATUS START	DESIGN STATUS COMPLETE
141	45246	Classified Project	1,900		
		TOTAL	1,900		

9. FUTURE PROJECTS:

CATEGORY CODE	PROJECT TITLE	COST ($000)
A. REQUESTED IN THE FY 1997 PROGRAM: NONE		
B. PLANNED NEXT FOUR PROGRAM YEARS (NEW MISSION ONLY):		
831	STRAT MOB REVIT	28,600
721	Whole Barracks Renewal Wedge	16,500
721	BARRACKS REVIT	9,000
141	OPS FAC REVIT	6,195
721	Whole Barracks Renewal Wedge	5,300
	TOTAL	65,595

10. MISSION OR MAJOR FUNCTIONS:

1. COMPONENT ARMY	FY 1996-1997 MILITARY CONSTRUCTION PROGRAM	2. DATE FEBRUARY 1995

INSTALLATION AND LOCATION: Worldwide Various Locations Worldwide Various

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

1. COMPONENT	FY 1996 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
ARMY		FEBRUARY 1995

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	141	45246	Auth 1,900 Approp 1,900

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITY				1,900
Classified Project	LS	--	--	(1,900)
SUPPORTING FACILITIES				
ESTIMATED CONTRACT COST				1,900
CONTINGENCY PERCENT (.000%)				
SUBTOTAL				1,900
SUPERVISION, INSPECTION & OVERHEAD (.000%)				
TOTAL REQUEST				1,900
TOTAL REQUEST (ROUNDED)				1,900
INSTALLED EQUIPMENT-OTHER APPROPRIATIONS				(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 to Congress during the review of Military Construction, Army, Fiscal Year 1996, Authorization/Appropriation Request.

11. REQUIREMENT: NONE ADEQUATE: NONE SUBSTANDARD: 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 1996-1997 MILITARY CONSTRUCTION PROGRAM	2. DATE
ARMY		FEBRUARY 1995

3. INSTALLATION AND LOCATION	4. COMMAND	5. AREA CONSTRUCTION COST INDEX
Minor Construction Worldwide Various	Minor Construction	1.00

6. PERSONNEL STRENGTH:

	PERMANENT			STUDENTS			SUPPORTED			
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF 30 SEP 1994	0	0	0	0	0	0	0	0	0	0
B. END FY 2000	0	0	0	0	0	0	0	0	0	0

7. INVENTORY DATA ($000)

A. TOTAL ACREAGE.....	0 AC	
B. INVENTORY TOTAL AS OF 30 SEP 1994.....		0
C. AUTHORIZATION NOT YET IN INVENTORY.....		0
D. AUTHORIZATION REQUESTED IN THE FY 1996 PROGRAM.....		9,000
E. AUTHORIZATION REQUESTED IN THE FY 1997 PROGRAM.....		5,000
F. PLANNED IN NEXT FOUR YEARS (NEW MISSION ONLY).....		0
G. REMAINING DEFICIENCY.....		0
H. GRAND TOTAL.....		14,000

8. PROJECTS REQUESTED IN THE FY 1996 PROGRAM:

CATEGORY CODE	PROJECT NUMBER	PROJECT TITLE	COST ($000)	DESIGN START	DESIGN COMPLETE
BBB	30427	Unspecified Minor Construction	9,000		
		TOTAL	9,000		

9. FUTURE PROJECTS:

CATEGORY CODE	PROJECT TITLE	COST ($000)
A. REQUESTED IN THE FY 1997 PROGRAM:		
BBB	Unspecified Minor Construction	5,000
	TOTAL	5,000

B. PLANNED NEXT FOUR 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

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1.COMPONENT	FY 1996 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		FEBRUARY 1995

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	BBB	30427	Auth 9,000 Approp 9,000

9.COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITY				9,000
Minor Construction	LS	--	--	(9,000)
SUPPORTING FACILITIES				
ESTIMATED CONTRACT COST				9,000
CONTINGENCY PERCENT (.000%)				
SUBTOTAL				9,000
SUPERVISION, INSPECTION & OVERHEAD (.000%)				
TOTAL REQUEST				9,000
TOTAL REQUEST (ROUNDED)				9,000
INSTALLED EQUIPMENT-OTHER APPROPRIATIONS				(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 USC 2805.

11. REQUIREMENT: NONE ADEQUATE: NONE SUBSTANDARD: NONE

PROJECT: Minor military construction, worldwide.

REQUIREMENT: This project is required 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: In FY 94, the Army identified over $20 million in urgent requirements which qualified for unspecified funding under 10 USC 2805. These urgent unforeseen projects addressed high national priorities such as environmental protection, health and safety. These projects could not wait for normal programming.

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 absolute minimum acceptable.

1. COMPONENT	FY 1996 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
ARMY		FEBRUARY 1995

3. INSTALLATION AND LOCATION

Minor Construction, Worldwide Various

4. PROJECT TITLE	5. PROJECT NUMBER
Unspecified Minor Construction	30427

PREVIOUS EDITIONS MAY BE USED INTERNALLY
UNTIL EXHAUSTED

1. COMPONENT	FY 1996-1997 MILITARY CONSTRUCTION PROGRAM	2. DATE
ARMY		FEBRUARY 1995

3. INSTALLATION AND LOCATION	4. COMMAND	5. AREA CONSTRUCTION COST INDEX
Planning and Design Worldwide Various	Planning and Design	1.00

6. PERSONNEL STRENGTH:

	PERMANENT			STUDENTS			SUPPORTED			
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF 30 SEP 1994	0	0	0	0	0	0	0	0	0	0
B. END FY 2000	0	0	0	0	0	0	0	0	0	0

7. INVENTORY DATA ($000)

A. TOTAL ACREAGE.....	0 AC	
B. INVENTORY TOTAL AS OF 30 SEP 1994.....		0
C. AUTHORIZATION NOT YET IN INVENTORY.....		0
D. AUTHORIZATION REQUESTED IN THE FY 1996 PROGRAM.....		52,894
E. AUTHORIZATION REQUESTED IN THE FY 1997 PROGRAM.....		84,382
F. PLANNED IN NEXT FOUR YEARS (NEW MISSION ONLY).....		0
G. REMAINING DEFICIENCY.....		42,900
H. GRAND TOTAL.....		180,176

8. PROJECTS REQUESTED IN THE FY 1996 PROGRAM:

CATEGORY CODE	PROJECT NUMBER	PROJECT TITLE	COST ($000)	DESIGN STATUS START	DESIGN STATUS COMPLETE
000	28533	Host Nation Support	20,000		
000	34127	Planning and Design	32,894		
		TOTAL	52,894		

9. FUTURE PROJECTS:

CATEGORY CODE	PROJECT TITLE	COST ($000)
A. REQUESTED IN THE FY 1997 PROGRAM:		
000	Host Nation Support	20,000
000	Planning and Design	64,382
	TOTAL	84,382

B. PLANNED NEXT FOUR 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

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1.COMPONENT	FY 1996 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		FEBRUARY 1995

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	28533	Auth 20,000 Approp 20,000

9.COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITY				20,000
Host Nation Planning & Design	LS	--	--	(20,000)
SUPPORTING FACILITIES				
ESTIMATED CONTRACT COST				20,000
CONTINGENCY PERCENT (.000%)				
SUBTOTAL				20,000
SUPERVISION, INSPECTION & OVERHEAD (.000%)				
TOTAL REQUEST				20,000
TOTAL REQUEST (ROUNDED)				20,000
INSTALLED EQUIPMENT-OTHER APPROPRIATIONS				(0)

10.Description of Proposed Construction This item provides for criteria development, design surveillance, and construction surveillance for projects funded by foreign nations where US Forces are the sole or primary user as authorized by 10 USC 2807.

11. REQUIREMENT: NONE ADEQUATE: NONE SUBSTANDARD: 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 Planning and Design 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. The programs in Korea and Japan are expected to remain at about the current levels, and provide nearly all the new construction in Japan, and much of the new construction in Korea. The Army Corps of Engineers is responsible for providing the criteria, reviewing designs, and monitoring the construction. The planning and design costs are approximately three percent of the construction placement. The three parts of

1.COMPONENT	FY 1996 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		FEBRUARY 1995

3.INSTALLATION AND LOCATION

Planning and Design, Worldwide Various

4.PROJECT TITLE	5.PROJECT NUMBER
Host Nation Support	28533

REQUIREMENT: (CONTINUED)

the planning and design 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 Surveillance - ensures conformance to design documents, reviews submittals, monitors construction phasing for users, and protects against latent deficiencies. Host Nation Planning and Design funds are also expended on Payment-in-Kind (PIK) and NATO oversight and recoupment activities.

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

1. COMPONENT	FY 1996 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
ARMY		FEBRUARY 1995

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)	
			Auth	32,894
91211A	000	34127	Approp	32,894

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITY				32,894
Planning and Design Funds	LS	--	--	(32,894)
SUPPORTING FACILITIES				
ESTIMATED CONTRACT COST				32,894
CONTINGENCY PERCENT (.000%)				
SUBTOTAL				32,894
SUPERVISION, INSPECTION & OVERHEAD (.000%)				
TOTAL REQUEST				32,894
TOTAL REQUEST (ROUNDED)				32,894
INSTALLED EQUIPMENT-OTHER APPROPRIATIONS				(0)

10. Description of Proposed Construction This item provides for: concept and final design of major and unspecified minor construction projects, value engineering, and the development of standards and criteria for Army facilities.

11. REQUIREMENT: NONE ADEQUATE: NONE SUBSTANDARD: NONE

PROJECT: Planning and design funds.

REQUIREMENT: This project is required to provide funds for the design and engineering of regular Military Construction, Army (MCA) and Unspecified Minor projects, including value engineering and continued development of standard plans (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 by the US Army Corps of Engineers (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 (90 to 100 percent) of projects in the FY 1996 program, for advancement to final design (35-90 percent) of projects in FY 1997, for progression to concept design (0-35 percent) of projects in the FY 1998, and for initiation of preconcept design

1.COMPONENT	FY 1996 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		FEBRUARY 1995

3.INSTALLATION AND LOCATION

Planning and Design, Worldwide Various

4.PROJECT TITLE	5.PROJECT NUMBER
Planning and Design	34127

REQUIREMENT: (CONTINUED)

activities for projects in FY 1999. The estimate for this multi-dimensional design effort is developed through a formula that reflects the various stages of engineering development for a project. The estimate incorporates management changes over the past five years regarding shifts in project size mix (more small versus large projects), designed-by-mix (A-E versus in-house), and adjusts to the growing differential in the relationship between increases in salaries for professional services versus project construction costs. The estimate does not predict additional design expenses due to any adverse effects from changes made to the MILCON program, and, as such, it has extremely limited capability to incorporate additional design requirements even at the fully-funded level. The Total Quality Management methodology is used by USACE in the design, value engineering process, and construction of facilities. The criteria and standards development and update program, as well as the value engineering program are the means by which USACE assures that quality is built-in from the beginning of projects. These programs help designers produce excellent products and utilize a feedback process where the designers are participants in maintaining excellent criteria and standards. The funds request for the annual planning and design requirement includes the costs to update standards and criteria, guide specifications, technical manuals, and continue the Department of the Army (DA) Facility Standardization Program. These standards and criteria are the primary vehicles for introducing new technology, new operational requirements, design lessons learned and federal mandates into new Army facilities.

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

PART II: ARMY FAMILY HOUSING 1996

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ARMY FAMILY HOUSING
FY 1996 BUDGET ESTIMATES
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ARMY FAMILY HOUSING
FY 1996 BUDGET ESTIMATES
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DEPARTMENT OF THE ARMY
FISCAL YEAR 1996
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
New York		United States Military Academy (USMA)			
	39527	Family Housing Replacement Construction		16,500	16,500
		SUBTOTAL United States Military Academy	$	16,500	16,500
		* TOTAL AFH FOR New York	$	16,500	16,500
Washington		Fort Lewis (FORSCOM)			
	16582	Family Housing Replacement Construction		10,800	10,800
		SUBTOTAL Fort Lewis PART IIA	$	10,800	10,800
		* TOTAL AFH FOR Washington	$	10,800	10,800
		** TOTAL INSIDE THE UNITED STATES FOR AFH	$	27,300	27,300
		MILITARY CONSTRUCTION (PART IIA) TOTAL	$	27,300	27,300

DEPARTMENT OF THE ARMY
FISCAL YEAR 1996
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
Missouri		Fort Leonard Wood (TRADOC)		
	13574	Family Housing Improvements	14,200	14,200
		SUBTOTAL Fort Leonard Wood PART IIB	$ 14,200	14,200
		* TOTAL AFH FOR Missouri	$ 14,200	14,200
		** TOTAL INSIDE THE UNITED STATES FOR AFH	$ 14,200	14,200
		MILITARY CONSTRUCTION (PART IIB) TOTAL	$ 14,200	14,200

ARMY FAMILY HOUSING
FY 1996 BUDGET ESTIMATES
SUMMARY

	($ In Thousands)
FY 1996 Program	**1,381,096**
FY 1995 Program	**1,183,710**

PURPOSE AND SCOPE

This program provides for the support of the worldwide family housing function within the Department of the Army.

PROGRAM SUMMARY

Authorization is requested for:

(1) The performance of certain construction summarized hereafter; and

(2) The appropriation of $1,381,096,000 to fund:

(a) this construction; and

(b) certain other functions already authorized in existing legislation.

A summary of the funding program for Fiscal Year 1996 follows:

	($000)
Construction	43,500
Operation and Maintenance, Utilities, Leasing and Debt	1,337,596
TOTAL ARMY FAMILY HOUSING APPROPRIATION	**1,381,096**
Plus: Reimbursable Authority	24,000
TOTAL ARMY FAMILY HOUSING PROGRAM	**1,405,096**

AUTHORIZATION AND
APPROPRIATION LANGUAGE
ARMY FAMILY HOUSING
FY 1996

For expenses of family housing for the Army for construction, including acquisition, replacement, addition, expansion, extension, and 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 [$170,002,000] **$43,500,000**, for Operation and Maintenance, and Debt Payment [$1,013,708,000] **$1,337,596,000** in all [$1,183,710,000] **$1,381,096,000**. Provided, that the amount for construction shall remain available until [September 30, 1999] **September 30, 2000**.

ARMY FAMILY HOUSING
FY 1996 BUDGET ESTIMATES
PROGRAM AND FINANCING
CONSTRUCTION

PROGRAM	($000)
Construction of New Housing (Deficit Reduction)	0
Construction of New Housing (Replacement)	27,300
Post Acquisition Construction	14,200
Planning and Design	2,000
TOTAL	**43,500**

FINANCING	
Budget Authority/Appropriation	**43,500**

ARMY FAMILY HOUSING
FY 1996 BUDGET ESTIMATES
PROGRAM AND FINANCING
OPERATION & MAINTENANCE
DEBT PAYMENT

PROGRAM	($000)
Operating Expenses	188,077
Utilities	271,376
Leasing	243,840
Maintenance	634,292
SUBTOTAL	**1,337,585**
Debt Reduction	0
Interest Payments	0
Servicemen's Insurance Premiums	11
SUBTOTAL	**1,337,596**
Reimbursable Authority	24,000
TOTAL	**1,361,596**

FINANCING	
Total Program	1,361,596
Less: Reimbursements	- 24,000
BUDGET AUTHORITY APPROPRIATION ADJUSTED	**1,337,596**

ARMY FAMILY HOUSING
FY 1996 BUDGET ESTIMATES
PROGRAM AND FINANCING

PROGRAM BY ACTIVITIES
($000)

1.	Construction	
	a. Construction of New Housing	0
	b. Construction of Replacement Housing	27,300
	c. Post Acquisition Construction	14,200
	d. Planning and Design	2,000
	TOTAL CONSTRUCTION	**43,500**
2.	Operations, Utilities, Maintenance, Leasing, Debt Reduction, Interest, and Insurance Premiums	
	a. Operations	188,077
	b. Utilities	271,376
	c. Maintenance of Real Property	634,292
	d. Leasing	243,840
	e. Debt Reduction	0
	f. Interest Payments	0
	g. Servicemen's Mortgage Premiums	11
	TOTAL O&M AND DEBT	**1,337,596**
	TOTAL APPROPRIATION	**1,381,096**
	Plus: Reimbursements	24,000
	TOTAL PROGRAM ADJUSTED	**1,405,096**
	BUDGET AUTHORITY	
	Appropriation: Construction	43,500
	O&M and Debt	1,337,596
	TOTAL	**1,381,096**

Family Housing, Army
Program and Financing (in Thousands of dollars)

February 1995

Identification code 21-0702-0-1-051	1994 actual	Budget Plan (amounts for FAMILY HOUSING actions programed) 1995 est.	1996 est.	1997 est.
Program by activities:				
Direct program:				
Construction:				
01.0101 Construction of new housing	140,228	114,250	27,300	100,000
01.0201 Construction improvements	77,630	49,760	14,200	66,570
01.0301 Planning	11,657	5,992	2,000	5,343
01.9101 Total construction	229,515	170,002	43,500	171,913
Operation, maintenance, and interest payment:				
Operation:				
02.0101 Operating expenses	505,790	454,594	459,453	466,795
02.0201 Leasing	262,390	234,441	243,840	249,930
02.0301 Maintenance of real property	303,896	324,662	634,292	511,114
02.0401 Interest payments	17	11	11	11
02.9101 Total operation, maintenance, and interest payment	1,072,093	1,013,708	1,337,596	1,227,850
03.0101 Reimbursable	19,192	21,000	24,000	28,000
10.0001 Total	1,320,800	1,204,710	1,405,096	1,427,763
Financing:				
Offsetting collections from:				
11.0001 Federal funds(-)	-5,189	-7,140	-8,160	-9,520
13.0001 Trust funds(-)	-8			
14.0001 Non-Federal sources(-)	-13,995	-13,860	-15,840	-18,480
17.0001 Recovery of prior year obligations				
Unobligated balance available, start of year:				
21.4002 For completion of prior year budget plans				
21.4003 Available to finance new budget plans				
21.4009 Reprograming from/to prior year budget plans		-532		
22.0001 Unobligated balance transferred to other accounts	-1,428			
Unobligated balance available, end of year:	-7,898			
24.4002 For completion of prior year budget plans				
24.4003 Available to finance subsequent year budget plans				
25.0001 Unobligated balance expiring	532			
39.0001 Budget authority	5,260			
	1,298,074	1,183,178	1,381,096	1,399,763
Budget authority:				
40.0001 Appropriation	1,298,486	1,183,710	1,381,096	1,399,763
40.4701 Portion applied to debt reduction (-)	-412			
40.7903 Reduction pursuant to P.L. 103-307 (-)		-532		
43.0001 Appropriation (adjusted)	1,298,074	1,183,178	1,381,096	1,399,763

Identification code 21-0702-0-1-051		Obligations			
		1994 actual	1995 est.	1996 est.	1997 est.
	Program by activities:				
	Direct program:				
	Construction:				
01.0101	Construction of new housing	136,192	152,789	75,139	98,021
01.0201	Construction improvements	139,143	84,361	33,240	72,415
01.0301	Planning	10,400	5,992	8,847	4,348
01.9101	Total construction	285,735	243,142	117,226	174,784
	Operation, maintenance, and interest payment:				
	Operation:				
02.0101	Operating expenses	505,790	454,594	459,453	466,795
02.0201	Leasing	262,390	234,441	243,840	249,930
02.0301	Maintenance of real property	303,896	324,662	634,292	511,114
02.0401	Interest payments	17	11	11	11
02.9101	Total operation, maintenance, and interest payment	1,072,093	1,013,708	1,337,596	1,227,850
03.0101	Reimbursable	19,192	21,000	24,000	28,000
10.0001	Total	1,377,020	1,277,850	1,478,822	1,430,634
	Financing:				
	Offsetting collections from:				
11.0001	Federal funds(-)	-5,189	-7,140	-8,160	-9,520
13.0001	Trust funds(-)	-8			
14.0001	Non-Federal sources(-)	-13,995	-13,860	-15,840	-18,480
17.0001	Recovery of prior year obligations	-3,052			
	Unobligated balance available, start of year:				
21.4002	For completion of prior year budget plans	-234,267	-179,671	-106,531	-32,805
21.4003	Available to finance new budget plans		-532		
21.4009	Reprograming from/to prior year budget plans				
22.0001	Unobligated balance transferred to other accounts	-7,898			
	Unobligated balance available, end of year:				
24.4002	For completion of prior year budget plans	179,671	106,531	32,805	29,934
24.4003	Available to finance subsequent year budget plans	532			
25.0001	Unobligated balance expiring	5,260			
39.0001	Budget authority	1,298,074	1,183,178	1,381,096	1,399,763
	Budget authority:				
40.0001	Appropriation	1,298,486	1,183,710	1,381,096	1,399,763
40.4701	Portion applied to debt reduction (-)	-412			
40.7903	Reduction pursuant to P.L. 103-307 (-)		-532		
43.0001	Appropriation (adjusted)	1,298,074	1,183,178	1,381,096	1,399,763

Family Housing, Army
Program and Financing (in Thousands of dollars)

February 1995

Identification code 21-0702-0-1-051	Obligations			
	1994 actual	1995 est.	1996 est.	1997 est.
Relation of obligations to outlays:				
71.0001 Obligations incurred	1,357,828	1,256,850	1,454,822	1,402,634
72.1001 Receivables from other government accts. SOY	-1,585	-5,857		
72.4001 Obligated balance, start of year	553,403	590,114	694,134	689,580
74.1001 Receivables from other government accts, EOY	5,857			
74.4001 Obligated balance, end of year	-590,114	-694,134	-689,580	-690,363
77.0001 Adjustments in expired accounts (net)	-33,206			
78.0001 Adjustments in unexpired accounts	-3,052			
90.0001 Outlays (net)	1,289,131	1,146,973	1,459,376	1,401,851

Family Housing, Army
Object Classification (in Thousands of dollars)

February 1995

Identification code 21-0702-0-1-051		1994 actual	1995 est.	1996 est.	1997 est.
	Direct obligations:				
	Personnel compensation:				
111.101	Full-time permanent	27,516	23,749	23,165	23,363
111.301	Other than full-time permanent	5,063	6,362	6,205	6,267
111.501	Other personnel compensation	1,800			
111.901	Total personnel compensation	34,379	30,111	29,370	29,630
112.101	Personnel Benefits: Civilian personnel	9,117	6,255	5,997	6,042
113.001	Benefits for former personnel	402	614	4,413	785
121.001	Travel and transportation of persons	2,650	2,013	2,255	1,933
122.001	Transportation of things	9,385	13,272	16,127	16,079
123.101	Rental payments to GSA	1,458			
123.201	Rental payments to others	180,895	184,895	224,936	224,694
123.301	Communications, utilities, and miscellaneous charges	104,781	102,565	124,765	124,609
124.001	Printing and reproduction	166	165	186	172
	Other services with the private sector				
125.203	Contracts with the private sector	718,997	786,918	876,261	872,384
125.204	Other charges with the private sector			114,596	10,950
	Purchases goods/services (inter/intra) Fed accounts				
125.301	Purchase of goods/services from other Fed agencies	21,810	19,948	19,316	18,829
125.302	Payments to foreign national indirect hire personnel		826	836	561
126.001	Supplies and materials	12,404	10,106	12,988	12,922
131.001	Equipment	6,522	10,216	11,757	11,745
132.001	Land and structures	254,842	88,935	11,008	71,288
143.001	Interest and dividends	20	11	11	11
199.001	Total Direct obligations	1,357,828	1,256,850	1,454,822	1,402,634
	Reimbursable obligations:				
	Personnel Compensation:				
211.101	Full-time permanent	67			
211.901	Total personnel compensation	67			
212.101	Personnel Benefits: Civilian Personnel				
221.001	Travel and transportation of persons	2			
223.201	Rental payments to others	1			
	Other services with the private sector	5,031	5,958	6,809	7,944
225.203	Contracts with the private sector				
225.204	Other charges with the private sector	7,038	7,823	8,940	10,430
226.001	Supplies and materials	5,799	5,905	6,749	7,874
231.001	Equipment	54			
		1,200	1,314	1,502	1,752

Family Housing, Army
Program and Financing (in Thousands of dollars)

February 1995

Identification code 21-0702-0-1-051	Obligations			
	1994 actual	1995 est.	1996 est.	1997 est.
299.001 Total Reimbursable obligations	19,192	21,000	24,000	28,000
999.901 Total obligations	1,377,020	1,277,850	1,478,822	1,430,634

ARMY FAMILY HOUSING
FY 1996 BUDGET ESTIMATES
NEW CONSTRUCTION

	($ In Thousands)
FY 1996 Program	27,300
FY 1995 Program	114,250

PURPOSE AND SCOPE

This program provides family housing at those installations where the local economy cannot provide adequate support and where additional housing is required to help satisfy a validated housing deficit. The program also provides for replacement of housing where it has been determined more economical to replace than to renovate. Included are site preparation, construction, and initial outfitting with fixtures and integral equipment for new family housing units, along with associated facilities such as roads, driveways, walks, utility systems, solar energy systems, and community facilities.

PROGRAM SUMMARY

Requested new construction was limited for FY 96 and most previously programmed budget authority was transferred to Family Housing Operation and Maintenance. This one year "construction pause" is necessary to provide minimally adequate funding for recurring maintenance and repair deferred during FY 94 and FY 95. During these fiscal years, funding available for maintenance and repair was less than adequate, causing the quality of government-owned quarters to significantly deteriorate and deferred maintenance and repair (DMAR) to increase by approximately $129 million.

Authorization is requested in FY 96 for:

1. Construction of 203 family housing units to replace 283 units to be demolished which are uneconomical to revitalize, resulting in a net reduction of 80 units.

2. Appropriation in the amount of $27,300,000 (includes $655,000 to demolish excess units) to fund construction of 203 family housing units and demolition of 283 existing family housing units.

A summary of the new construction funding program for FY 96 follows:

	No. of Units Constr	Requested No. of Units Demo	Amount ($000)
Deficit Reduction:	0	0	0
Replacement:			
U.S. Military Academy, NY	119	(199)	16,500
Fort Lewis, WA	84	(84)	10,800

1. COMPONENT	FY 1996-1997 MILITARY CONSTRUCTION PROGRAM	2. DATE
ARMY		February 1995

3. INSTALLATION AND LOCATION	4. COMMAND	5. AREA CONSTRUCTION COST INDEX
United States Military Academy New York	United States Military Academy	1.23

6. PERSONNEL STRENGTH:

	PERMANENT			STUDENTS			SUPPORTED			
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF 30 SEP 1994	803	879	2481	0	4258	0	85	517	2640	11,663
B. END FY 2000	723	824	2613	34	4194	0	104	544	2637	11,673

7. INVENTORY DATA ($000)

A. TOTAL ACREAGE.....	17,105 AC	
B. INVENTORY TOTAL AS OF 30 SEP 1994.....		2,087,965
C. AUTHORIZATION NOT YET IN INVENTORY.....		37,678
D. AUTHORIZATION REQUESTED IN THE FY 1996 PROGRAM.....		16,500
E. AUTHORIZATION REQUESTED IN THE FY 1997 PROGRAM.....		2,870
F. PLANNED IN NEXT FOUR YEARS (NEW MISSION ONLY).....		0
G. REMAINING DEFICIENCY.....		2,700
H. GRAND TOTAL.....		2,147,713

8. PROJECTS REQUESTED IN THE FY 1996 PROGRAM:

CATEGORY CODE	PROJECT NUMBER	PROJECT TITLE	COST ($000)	DESIGN STATUS START	DESIGN STATUS COMPLETE
711	39527	Family Housing Replacement Construction	16,500	TURNKEY	
		TOTAL	16,500		

9. FUTURE PROJECTS:

CATEGORY CODE	PROJECT TITLE	COST ($000)
A. REQUESTED IN THE FY 1997 PROGRAM:		
711	Family Housing Improvements	1,600
711	Family Housing Improvements	900
711	Family Housing Improvements	370
	TOTAL	2,870

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

10. MISSION OR MAJOR FUNCTIONS:

The mission of the United States Military Academy is to educate and train the Corps of Cadets so that each graduate shall have the attributes essential to professional growth as an officer of the Regular Army, and to inspire each to a lifetime of service to the Nation. The United States Military Academy is the installation manager for Stewart Army Sub-Post, which is included for purposes of family housing.

1. COMPONENT ARMY	FY 1996-1997 MILITARY CONSTRUCTION PROGRAM	2. DATE February 1995

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

PREVIOUS EDITIONS MAY BE USED INTERNALLY
UNTIL EXHAUSTED

1.COMPONENT	FY 1996 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		February 1995

3.INSTALLATION AND LOCATION	4.PROJECT TITLE
United States Military Academy, New York	Family Housing Replacement Construction

5.PROGRAM ELEMENT	6.CATEGORY CODE	7.PROJECT NUMBER	8.PROJECT COST ($000)
88741A	711	39527	Auth 16,500 Approp 16,500

9.COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITY				12,261
Replacement Family Hsg	SF	172,550	70.80	(12,217)
Building Information Systems	LS	--	--	(44)
SUPPORTING FACILITIES				2,759
Electric Service	LS	--	--	(165)
Water, Sewer, Gas	LS	--	--	(243)
Paving, Walks, Curbs And Gutters	LS	--	--	(256)
Storm Drainage	LS	--	--	(75)
Site Imp(301) Demo(1,630)	LS	--	--	(1,931)
Information Systems	LS	--	--	(89)
ESTIMATED CONTRACT COST				15,020
CONTINGENCY PERCENT (5.00%)				751
SUBTOTAL				15,771
SUPERVISION, INSPECTION & OVERHEAD (6.00%)				946
TOTAL REQUEST				16,717
TOTAL REQUEST (ROUNDED)				16,500
INSTALLED EQUIPMENT-OTHER APPROPRIATIONS				(0)

10.Description of Proposed Construction

Whole neighborhood revitalization (Phase III of III) by demolishing 199 family housing units that are uneconomical to revitalize and constructing 119 replacement units built to current standards. At West Point, 119 units (163,302 GSF) will be demolished with 119 replacement units constructed on an expanded site. Upon completion of construction, 80 Wherry units (129,140 GSF) at Stewart Army Sub-Post will be demolished. Dwelling units will be factory built/manufactured houses and/or conventionally on-site constructed. Associated site improvements include access roads, drainage, underground utilities, street lighting, traffic systems, neighborhood recreation sites, off street parking, carports, site restoration of buildings demolished and landscaping. At least five percent of the replacement units will be accessible and easily modifiable to accommodate handicapped occupants. Quarters will include heating, ventilating and air-conditioning. Project will provide kitchen ranges, refrigerators, dishwashers, garbage disposals, hard wired interconnected smoke detectors, hot water heaters, and connections and outlets for occupant owned washers, dryers and freezers. Interior of units will be wired for cable TV and telephone systems. Exterior telephone and cable TV wiring systems will be provided by local commercial companies.

1. COMPONENT	FY 1996 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
ARMY		February 1995

3. INSTALLATION AND LOCATION

United States Military Academy, New York

4. PROJECT TITLE	5. PROJECT NUMBER
Family Housing Replacement Construction	39527

DESCRIPTION OF PROPOSED CONSTRUCTION: (CONTINUED)

GRADE	BEDROOMS	NET AREA	PROJECT FACTOR	COST/ NET SF	NO. UNITS	TOTAL ($000)
OFFICER	5	1550	1.18	60	10	1,098
FGO	4	1550	1.18	60	32	3,512
FGO	3	1400	1.18	60	30	2,974
ENL	5	1550	1.18	60	10	1,097
ENL	3	1350	1.18	60	37	3,536
					119	12,217

PROJECT: Whole neighborhood revitalization by replacing 199 uneconomical to revitalize officer and enlisted family quarters with 119 new units including neighborhood amenities, supporting infrastructure and demolition of existing units. Phase III of III. (Current Mission)

REQUIREMENT: This project is required to replace deplorable, inefficient quarters which are uneconomical to revitalize to current standards with adequate, energy efficient family housing for assigned personnel. Project will provide quarters that meet current standards of quality of life, energy conservation, size, habitability and safety. The programmed number of replacement dwelling units reflects the projected year 2002 mission strength of military personnel assigned to the U.S. Military Academy, Staff and Faculty.

CURRENT SITUATION: These units have had only minor improvements since their original construction (built between 1947 & 1954). The quarters have deteriorated to the extent that further investment in these units is not cost effective. Due to their present age and condition, operating costs are increasing annually and require excessive funding just to allow occupancy.

IMPACT IF NOT PROVIDED: If this project is not provided, current conditions will continue to cause the Command problems with respect to maintenance, quality of life, energy consumption and inconvenience to quarters' occupants. Maintenance and energy costs will continue to accelerate, preventing achievement of energy reduction goals and increasing maintenance problems. Separation of mission assigned personnel from the duty station will continue to adversely affect a major segment of the West Point community relating to Cadet instruction and training.

ADDITIONAL: This is the third phase of a three phase program to revitalize by replacement family quarters used at Stewart Army Subpost. Acceptable housing on the economy is not available. This project has been coordinated with the installation physical security plan, and no physical security and/or combatting terrorism (CBT/T) measures are required. This project complies with the scope and design criteria of DOD 4270.1-M, "Construction Criteria," that

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

1.COMPONENT	FY 1996 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		February 1995

3.INSTALLATION AND LOCATION

United States Military Academy, New York

4.PROJECT TITLE	5.PROJECT NUMBER
Family Housing Replacement Construction	39527

ADDITIONAL: (CONTINUED)

were in effect 1 January 1987, as implemented by the Army's Architectural and Engineering Instruction (AEI), "Design Criteria," dated 9 December 1991, with the 8 July 1992 and all subsequent revisions included in the Design Criteria Information System (DCIS), and The Installation Design Guide. The life cycle cost analysis shows replacement to be more cost effective than all other feasible alternatives.

MILITARY FAMILY HOUSING JUSTIFICATION	1. DATE OF REPORT	2. FISCAL YEAR	REPORT CONTROL SYMBOL
	February 1995	1996	P&L (AR) 1716

3. DOD COMPONENT	4. REPORTING INSTALLATION	
ARMY	a. NAME	b. LOCATION
5. DATA AS OF	USMA Military Reservation A36993	West Point NY 10996-1982

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	888	1,439	4,215	6,542	861	1,283	4,279	6,423
7. PERMANENT PARTY PERSONNEL	888	1,439	21	2,348	861	1,283	21	2,165
8. GROSS FAMILY HOUSING REQUIREMENT	817	1,206	7	2,030	792	1,075	7	1,874
9. TOTAL UNACCEPTABLY HOUSED (a+b+c)	7	273	0	280				
a. INVOLUNTARILY SEPARATED	0	0	0	0				
b. IN MILITARY HOUSING TO BE DISPOSED/REPLACED	0	153	0	153				
c. UNACCEPTABLY HOUSED - IN COMMUNITY	7	120		127				
10. VOLUNTARY SEPARATIONS	20	54	0	74	19	48	0	67
11. EFFECTIVE HOUSING REQUIREMENTS	797	1,152	7	1,956	773	1,027	7	1,807
12. HOUSING ASSETS (a + b)	846	949	0	1,795	708	1,027	7	1,742
a. UNDER MILITARY CONTROL	835	711	0	1,546	697	789	7	1,493
(1) Housed in Existing DOD Owned/Controlled	779	641	0	1,420	607	723	7	1,337
(2) Under Contract / Approved					90	66	0	156
(3) Vacant	34	27	0	61				
(4) Inactive	22	43	0	65				
b. PRIVATE HOUSING	11	238	0	249	11	238	0	249
(1) Acceptably Housed	11	238	0	249				
(2) Acceptable Vacant Rental	0	0	0	0				
13 EFFECTIVE HOUSING DEFICIT	(49)	203	7	161	65	0	0	65
14 PROPOSED PROJECT					72	47	0	119

15. REMARKS (Specify item number)

Line 14. This project will demolish 199 uneconomical to revitalize units and construct 47 Enlisted replacement units, and 72 Field Grade units.
This is the last phase of a program to replace 427 units with 275 units. This project will reduce the inventory by 80 units.

Off/Enl: 20 Five bedroom units
FGO: 32 Four bedroom units
FGO: 30 Three bedroom units
Enl: 37 Three bedroom units

1. COMPONENT	FY 1996-1997 MILITARY CONSTRUCTION PROGRAM	2. DATE
ARMY		February 1995

3. INSTALLATION AND LOCATION	4. COMMAND	5. AREA CONSTRUCTION COST INDEX
Fort Lewis Washington	US Army Forces Command	1.08

6. PERSONNEL STRENGTH:

	PERMANENT			STUDENTS			SUPPORTED			
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF 30 SEP 1994	2317	15624	3729	13	28	0	47	127	587	22,472
B. END FY 2000	2282	15284	3201	6	175	0	52	137	2210	23,347

7. INVENTORY DATA ($000)

A. TOTAL ACREAGE.....	95,017 AC
B. INVENTORY TOTAL AS OF 30 SEP 1994.....	2,860,555
C. AUTHORIZATION NOT YET IN INVENTORY.....	13,445
D. AUTHORIZATION REQUESTED IN THE FY 1996 PROGRAM.....	10,800
E. AUTHORIZATION REQUESTED IN THE FY 1997 PROGRAM.....	0
F. PLANNED IN NEXT FOUR YEARS (NEW MISSION ONLY).....	0
G. REMAINING DEFICIENCY.....	0
H. GRAND TOTAL.....	2,884,800

8. PROJECTS REQUESTED IN THE FY 1996 PROGRAM:

CATEGORY CODE	PROJECT NUMBER	PROJECT TITLE	COST ($000)	DESIGN STATUS START	DESIGN STATUS COMPLETE
711	16582	Family Housing Replacement Construction	10,800		TURNKEY
		TOTAL	10,800		

9. FUTURE PROJECTS:

CATEGORY CODE	PROJECT TITLE	COST ($000)
A. REQUESTED IN THE FY 1997 PROGRAM: NONE		
B. PLANNED NEXT FOUR PROGRAM YEARS (NEW MISSION ONLY): NONE		

10. MISSION OR MAJOR FUNCTIONS:

Responsible for command training and logistical support of a corps headquarters, and infantry division, non-divisional support units, and active component, FORSCOM units assigned to I Corps, support to Madigan Army Medical Center, and Reserve Component summer training.

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 1996 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
ARMY		February 1995

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
Fort Lewis, Washington	Family Housing Replacement Construction

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
88741A	711	16582	Auth 10,800 Approp 10,800

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITY				6,559
Junior Enlisted Fam Qtrs (84)	SF	100,800	64.80	(6,532)
Building Information Systems	LS	--	--	(27)
SUPPORTING FACILITIES				3,180
Electric Service	LS	--	--	(617)
Water, Sewer, Gas	LS	--	--	(809)
Paving, Walks, Curbs And Gutters	LS	--	--	(378)
Storm Drainage	LS	--	--	(154)
Site Imp(697) Demo(470)	LS	--	--	(1,167)
Information Systems	LS	--	--	(55)
ESTIMATED CONTRACT COST				9,739
CONTINGENCY PERCENT (5.00%)				487
SUBTOTAL				10,226
SUPERVISION, INSPECTION & OVERHEAD (6.00%)				614
TOTAL REQUEST				10,840
TOTAL REQUEST (ROUNDED)				10,800
INSTALLED EQUIPMENT-OTHER APPROPRIATIONS				(0)

10. Description of Proposed Construction

Whole neighborhood revitalization by replacement of 84 three bedroom Wherry junior enlisted family housing units constructed in 1955 which are uneconomical to revitalize. Existing housing will be demolished with replacement housing constructed on a new site. Replacement units will consist of variously configured multi-unit, one and two story buildings which will be factory built or conventionally constructed on-site. The design includes passive solar features, heating, mechanical ventilation, appliances, hard wired interconnected smoke detectors, patio, carport and exterior storage. Supporting facilities include utilities, sewer line replacement, streets, walks, landscaping, privacy fencing, screened refuse area, central mailboxes, recreational areas, playgrounds, and site work. At least five percent of the quarters will be accessible and easily modifiable to accommodate the requirements of the handicapped.

Grade	No of Bedrooms	Net Area	Project Factor	$/NSF	No of Units	Total ($000)
JRENL	3	1200	1.08	60.00	84	6,532

1.COMPONENT	FY 1996 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		February 1995

3.INSTALLATION AND LOCATION	
Fort Lewis, Washington	
4.PROJECT TITLE	5.PROJECT NUMBER
Family Housing Replacement Construction	16582

PROJECT: Whole neighborhood revitalization by replacement of 84 junior noncommissioned officer family dwelling units which are uneconomical to revitalize including supporting infrastructure, energy conservation and community recreational facilities. (Current Mission)

REQUIREMENT: This project is required to improve existing conditions of these junior enlisted family quarters, neighborhood amenities and supporting facilities by providing replacement quarters that meet current standards of quality of life, energy conservatin, size, habitability and safety. The existing units are deteriorated to the extent that they cannot be economically improved to meet current standards.

CURRENT SITUATION: This project is phase one to replace 206 two story multiplex, 40 year old units. Only 72 of the units have basements. The kitchens are small, poorly arranged, and lack adequate cabinet space, dishwashers, and range hoods. The cabinets and counter tops are worn out, unsightly, and need replacement. These three bedroom units have 1020 NSF when 1200 NSF is the Army standard, and the third bedroom is undersized. Sixty-two of these units have shared utility rooms. The electrical system lacks sufficient outlets, is overloaded, and in advanced stages of deterioration. The light fixtures are original and in a poor state of repair. The bathrooms have their original tubs, sinks and toilets which have become unsightly and require frequent repairs. The crank-out windows are single pane with metal frames which are worn and difficult to operate and secure. The second floor bedroom windows are too small for emergency egress. The State of Washington will not approve placement of children for adoption or foster parent programs in these units because of this life/safety code problem. The 10 foot wide streets are narrow and parking is inadequate causing traffic congestion, lawn parking, and difficulty in seeing children at play. There is no privacy fencing. The majority of the units lack exterior storage or covered patios. No carports are available and community recreational facilities are lacking. Also, these housing units lie along the final approach to Gray Army Airfield within the airfield safety clearzone. Portions of the housing area are within 1,000 feet of the end of the airfield runway which is used by the Air Force's cargo aircraft for final approach training.

IMPACT IF NOT PROVIDED: If this project is not provided, soldiers and their families will continue to reside in housing that does not meet minimum code requirements and does not provide an acceptable quality of life. Current conditions adversely effect the health and safety of these junior enlisted personnel and their families. Maintenance and energy costs will continue to accelerate and the President's energy reduction goals will not be met. Families will continue to live within the flight path safety clearzone for the landing or approach training of aircraft.

ADDITIONAL: This project complies with the scope and design criteria of DOD 4270.1-M, "Construction Criteria," that were in effict 1 January 1987, as implemented by the Army's Architectural and Engineering Instruction (AEI),

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

1. COMPONENT	FY 1996 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
ARMY		February 1995

3. INSTALLATION AND LOCATION

Fort Lewis, Washington

4. PROJECT TITLE	5. PROJECT NUMBER
Family Housing Replacement Construction	16582

ADDITIONAL: (CONTINUED)

"Design Criteria," dated 9 December 1991, with the 8 July 1992 and all subsequent revisions included in the Design Criteria Information System (DCIS). This project has been coordinated with the installation physical security plan, and no physical security and/or combatting terrorism (CBT/T) measures are required. The life cycle cost analysis shows replacement housing to be more cost effective than all other feasible alternatives.

MILITARY FAMILY HOUSING JUSTIFICATION		1. DATE OF REPORT: February 1995	2. FISCAL YEAR: 1996	REPORT CONTROL SYMBOL
3. DOD COMPONENT: ARMY	4. REPORTING INSTALLATION			
	a. NAME: Fort Lewis A53465	b. LOCATION: Fort Lewis WA 98433-5000		
5. DATA AS OF				

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	2,377	12,860	2,919	18,156	2,340	12,748	2,848	17,936
7. PERMANENT PARTY PERSONNEL	2,371	12,842	2,919	18,132	2,334	12,573	2,848	17,755
8. GROSS FAMILY HOUSING REQUIREMENTS	1,773	9,317	848	11,938	1,745	9,121	828	11,694
9. TOTAL UNACCEPTABLY HOUSED (a+b+c)	92	1,056	64	1,212				
a. INVOLUNTARILY SEPARATED	10	35	14	59				
b. IN MILITARY HOUSING TO BE DISPOSED/REPLACED				0				
c. UNACCEPTABLY HOUSED - IN COMMUNITY	82	1,021	50	1,153				
10. VOLUNTARY SEPARATIONS	73	576	91	740	71	563	88	722
11. EFFECTIVE HOUSING REQUIREMENTS	1,700	8,741	757	11,198	1,674	8,558	740	10,972
12. HOUSING ASSETS (a + b)	1,621	7,837	693	10,151	1,621	7,837	693	10,151
a. UNDER MILITARY CONTROL	567	2,971	0	3,538	567	2,971	0	3,538
(1) Housed in Existing DOD Owned/Controlled	554	2,819		3,373	567	2,971		3,538
(2) Under Contract / Approved								0
(3) Vacant	12	78		90				
(4) Inactive	1	74		75				
b. PRIVATE HOUSING	1,054	4,866	693	6,613	1,054	4,866	693	6,613
(1) Acceptably Housed	1,054	4,866	693	6,613				
(2) Acceptable Vacant Rental				0				
13. EFFECTIVE HOUSING DEFICIT	79	904	64	1,047	53	721	47	821
14. PROPOSED PROJECT						84		84

15 REMARKS (Specify item number)

Line 14. This project will demolish 84 uneconomical to revitalize units and construct 84 Junior Enlisted replacement units.

Junior ENL: 84 Three bedroom units

DD Form 1523, NOV 90 *Previous editions are obsolete*

ARMY FAMILY HOUSING
FY 1996 BUDGET ESTIMATES
POST ACQUISITION CONSTRUCTION

	($ In Thousands)
FY 1996 Program	14,200
FY 1995 Program	49,760

PURPOSE AND SCOPE

The Army operates and maintains an inventory of approximately 130,000 family housing units. The average age of these units exceeds 30 years. Many of these units require major expenditures for improvements or revitalization to meet contemporary living standards and to provide some of the modern amenities found in comparable community housing. The Post Acquisition program provides revitalization, increases the useful life of our investment by 25 years and concurrently accomplishes delayed/deferred maintenance and repairs. An economic analysis is used to determine whether revitalization or replacement housing is the wiser long-term investment.

Although only one revitalization project is requested in FY 96, the Army considers the "whole neighborhood" revitalization concept a major quality of life issue.

PROGRAM SUMMARY

Nearly all post acquisition construction was eliminated for FY 96 and previously programmed budget authority was transferred to Family Housing Operation and Maintenance. This one year "post acquisition construction pause" is necessary to provide minimally adequate funding for recurring maintenance and repair deferred during FY 94 and FY 95. During these fiscal years, funding available for maintenance and repair (M&R) of our family housing was insufficient to perform the essential work to keep units operational and preclude accelerated deterioriation. This caused deferred maintenance and repair (DMAR) to increase by approximately $129 million.

Authorization is requested for appropriation for whole neighborhood revitalization and improvements of 250 units.

a. Projects which exceed the $50,000 per dwelling unit (adjusted by the area construction factor) statutory funding limitation:

(1) Whole neighborhood revitalization of 250 units at Fort Leonard Wood, MO.

FUNDING SUMMARY

Regular Improvements Program ($000)	Requested Authorization Amount ($000)
14,200	14,200

1.COMPONENT	FY 1996 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		February 1995

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 14,200 Approp 14,200

9.COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
Post Acquisition Construction Improvements		LS		14,200
Projects qualifying for the Defense Energy Conservation Investment Program (ECIP)		LS		0
TOTAL				14,200

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 square footage 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, off street parking, landscaping and recreation facilities.

1.COMPONENT	FY 1996 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		February 1995

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 accepted standards, affecting their duty performance and adversely impacting on the Army's mission.

PREVIOUS EDITIONS MAY BE USED INTERNALLY
UNTIL EXHAUSTED

1.COMPONENT	FY 1996 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		February 1995

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
Missouri			
FORT LEONARD WOOD			
(Project Number 13574)	14,200		

Whole neighborhood revitalization of junior noncommissioned officer Capehart family housing to current standards including community recreational facilities and energy conservation improvements - 250 units. (Separate DD Form 1391 is attached).

Installation Total			14,200
USA TOTALS	14,200		14,200
Total USA and Overseas	14,200		14,200

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1. COMPONENT	FY 1996 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
ARMY		February 1995

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
Fort Leonard Wood, Missouri	Family Housing Improvements

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
88742A	711	13574	Auth 14,200 / Approp 14,200

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITY				12,085
Revitalize 3BR Quarters	FA	100	53,200	(5,320)
Revitalize 2BR Quarters	FA	150	45,100	(6,765)
SUPPORTING FACILITIES				106
Paving, Walks, Curbs And Gutters	LS	--	--	(28)
Site Imp(78) Demo( )	LS	--	--	(78)
ESTIMATED CONTRACT COST				12,191
CONTINGENCY PERCENT (10.0%)				1,219
SUBTOTAL				13,410
SUPERVISION, INSPECTION & OVERHEAD (6.00%)				805
TOTAL REQUEST				14,215
TOTAL REQUEST (ROUNDED)				14,200
INSTALLED EQUIPMENT-OTHER APPROPRIATIONS				(0)

10. Description of Proposed Construction

Whole neighborhood revitalization of 250 junior noncommissioned officer (NCO) two and three bedroom, one story, duplex Capehart family quarters constructed in 1960-61 to current standards including neighborhood amenities and supporting infrastructure. Work includes increasing the net square footage to current standards, interior modification to improve floor plan, redesign and upgrade kitchens, provide utility room, remodel bathrooms, add a 3/4 bath to three bedroom quarters, add a carport, trash enclosure, privacy fencing, patio, replace floor coverings, and install insulation to improve energy efficiency. Repair plumbing, upgrade electrical system, replace roofing, and paint interior. Asbestos and lead based paint abatement is required. Support facilities include basketball court, tot lots and sidewalks. Five percent of these quarters will be accessible and easily modifiable to accommodate the requirements of the handicapped.

PROJECT: Whole neighborhood revitalization of 250 junior NCO quarters to include neighborhood amenities and supporting facilities to current standards. (Current Mission)

1. COMPONENT	FY 1996 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
ARMY		February 1995

3. INSTALLATION AND LOCATION	
Fort Leonard Wood, Missouri	
4. PROJECT TITLE	5. PROJECT NUMBER
Family Housing Improvements	13574

REQUIREMENT: This project is required to improve existing conditions of junior noncommissioned officer family quarters, neighborhood amenities and support facilities to meet current standards of size, habitability, safety, energy conservation, and to extend the life expectancy of these units.
CURRENT SITUATION: The existing family housing units were built in 1960-61, and are undersized in comparison to current standards. The three bedroom one bath units at 1,042 net square feet (NSF) lack a second bath and are short 158 NSF. The two bedroom one bath units at 922 NSF are short 28 NSF. Their design and construction does not meet today's family life style standards. The bathrooms are a constant maintenance problem because of leaks and clogs in the old plumbing. The kitchen and baths are too small and ill-equipped for today's family. This causes items to be placed in the living room, creating fire and sanitation problems. The units are inadequately insulated causing excessive energy consumption and lack carports.
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 personnel and their families, with maintenance and energy costs continuing to accelerate.
ADDITIONAL: This project has been coordinated with the installation physical security plan, and no physical security and/or combatting terrorism (CBT/T) measures are required. This project complies with the scope and design criteria of DOD 4270.1-M, "Construction Criteria," that were in effect 1 January 1987, as implemented by the Army's Architectural and Engineering Instruction (AEI), "Design Criteria," dated 9 December 1991, with the 8 July 1992 and all subsequent revisions included in the Design Criteria Information System (DCIS). The life cycle cost analysis shows revitalization to be more cost effective than all other feasible alternatives.

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

ARMY FAMILY HOUSING
FY 1996 BUDGET ESTIMATES
RENTAL GUARANTEE PROGRAM

PURPOSE AND SCOPE

The CONUS Rental Guarantee program, formerly known as the Section 802 program, is authorized in Section 2836 of PL 102-190, 5 December 1991. It permits the Army to guarantee 97 percent occupancy of housing units constructed at CONUS locations.

PROGRAM SUMMARY

A 276-unit project at Kaneohe MCAS, Hawaii, is fully occupied. Five hundred additional units are authorized, and continued authorization in FY 96 is requested.

ARMY FAMILY HOUSING
FY 96 SECTION 2836 (802) FAMILY HOUSING SUMMARY

LOCATION	NO. UNITS AUTHORIZED	FY OF INITIAL AUTHORIZATION	DATE OF AWARD	DATE OF FULL OCCUPANCY	FY 94 UNITS	FY 95 UNITS	FY 96 UNITS
Kaneohe MCAS, Hawaii	276	1987	Jun 91	Nov 92	276	276	276
Oahu, Hawaii	500	1991	NA	NA			
TOTAL 2836	776	NA	NA	NA	276	276	276

ARMY FAMILY HOUSING
FY 1996 BUDGET ESTIMATES
ADVANCE PLANNING AND DESIGN

	($ In Thousands)
FY 1996 Program	2,000
FY 1995 Program	5,992

PURPOSE AND SCOPE

This program provides for working drawings, specifications, cost estimates, project planning reports, final design drawings of family housing construction projects, and review of construction proposals. Included are architectural and engineering services in connection with any new family housing or post acquisition construction, along with costs incurred in developing requests for proposals. Additionally, these funds will be used to plan and design future year projects for new construction, improvements, and energy conservation.

PROGRAM SUMMARY

Appropriation and authorization are required for $2,000,000 in FY 96 to fund this construction planning and design.

The FY 96 request provides only for additional funds necessary for final design of FY 96 and FY 97 projects, and for concept designs of FY 98 and FY 99 programs to ensure that construction contracts can be awarded in the respective fiscal years.

The FY 96 planning and design program supports emphasis on the whole neighborhood revitalization program. Revitalization projects require a greater degree of customized planning and design than do new construction projects, such as integrating modernization and upgrade requirements, including supporting utilities and infrastructure, into existing structures of differing conditions.

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ARMY FAMILY HOUSING
FY 1996 BUDGET ESTIMATES
OPERATION, UTILITIES AND MAINTENANCE

	($ In Thousands)
FY 1996 Program	1,093,745
FY 1995 Program	779,256

PURPOSE AND SCOPE

a. Operation Accounts. This portion of the program provides for operating expenses in the following subaccounts and includes both direct and indirect support, as applicable:

Management - Provides resources for family housing management and installation administrative support and for services provided by the Community Homefinding, Relocation, and Referral Services. Includes housing requirements surveys, condition assessment of existing housing, and development of family housing construction and repair projects. Also includes the installation and operation of the Housing Operations Management Systems (HOMES) to improve housing management.

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 police and fire protection.

Furnishings - Provides for procurement, management, control, moving and handling of furnishings; plus maintenance, repair, and replacement of the existing furnishings inventory.

Miscellaneous - Provides payments to operate non-Department of Defense housing units occupied by Army personnel overseas.

b. Utilities Account - Includes the costs of heat, air conditioning, electricity, water, and sewage for family housing units. Also includes the costs to operate boiler plants and sewage systems used solely by family housing.

c. Maintenance Account - Provides the following activities required to maintain family housing real property assets:

o **Dwellings** - Includes service calls and routine maintenance, annual repairs, interior and exterior painting, between occupancy maintenance, repairing/restoring damages caused by fires or storms, and major repair work including projects deferred in prior years.

o **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.

o **Other Real Property** - Includes work on grounds, surfaced areas, and other real property serving family housing.

o **Incidental Improvements** - Includes low-cost minor (incidental) improvements for less than $3,000 per dwelling unit normally performed concurrently with maintenance and repair projects. Also includes modifications to quarters to meet the needs of exceptional family members.

d. **Reimbursement Authority** - Provides authority to incur additional costs for services and repair of damages to be reimbursed with collection of payments from Federal and non-Federal sources.

ARMY FAMILY HOUSING
OPERATION AND MAINTENANCE, SUMMARY (WORLDWIDE)
(Excludes Leased Units and Costs)
FISCAL YEAR 1996 BUDGET ESTIMATES

A. INVENTORY DATA (WORLDWIDE)	FY 94 ACTUALS	FY 95 CURRENT ESTIMATES	FY 96 BUDGET REQUEST
Units In Being BOY	154,142	132,445	125,800
Units In Being EOY	132,445	125,800	122,373
a. Conterminous U.S.	85,123	84,058	82,301
b. U.S. Overseas	12,450	12,642	12,742
c. Foreign	34,872	29,102	27,330
d. Worldwide	132,445	125,800	122,373

B. FUNDING REQUIREMENT	TOTAL EST ($000)	UNIT COST ($)	TOTAL EST ($000)	UNIT COST ($)	TOTAL EST ($000)	UNIT COST ($)
1. OPERATIONS						
a. Management	87,626	594	83,241	564	84,726	574
b. Services	63,174	428	52,808	358	53,243	361
c. Furnishings	49,025	332	51,270	347	48,822	331
d. Miscellaneous	958	6	1,200	8	1,286	9
SUBTOTAL OPERATIONS	200,783	1,360	188,517	1,277	188,077	1,274
2. UTILITIES	304,874	2,065	266,077	1,802	271,376	1,838
3. MAINTENANCE						
a. Annual Recurring Maint & Repair	252,427	1,710	272,391	1,845	532,171	3,605
b. Major Maint & Repair Projects	11,433	77	12,337	84	24,103	163
c. Exterior Utilities	12,336	84	13,311	90	26,006	176
d. Maint & Repair of Other Real Property	18,353	124	19,804	134	38,692	262
e. Alterations/Additions	6,318	43	6,816	46	13,320	90
SUBTOTAL MAINTENANCE	300,866	2,038	324,662	2,199	634,292	4,296
4. FOREIGN CURRENCY LOSSES/ SAVINGS	3,030		TBD		TBD	
5. APPROPRIATION	809,553	5,483	779,256	5,278	1,093,745	7,409
6. REIMBURSABLE PROGRAM	19,192	130	21,000	142	24,000	163
7. TOTAL O&M PROGRAM	828,745	5,593	800,256	5,421	1,117,745	7,571

ARMY FAMILY HOUSING
OPERATION AND MAINTENANCE, SUMMARY (CONUS)
(Excludes Leased Units and Costs)
FISCAL YEAR 1996 BUDGET ESTIMATES

A. INVENTORY DATA (CONUS)	FY 94 ACTUALS	FY 95 CURRENT ESTIMATES	FY 96 BUDGET REQUEST
Units in Being BOY	90,562	85,123	84,056
Units in Being EOY	85,123	84,056	82,301

B. FUNDING REQUIREMENT	TOTAL EST ($000)	UNIT COST ($)	TOTAL EST ($000)	UNIT COST ($)	TOTAL EST ($000)	UNIT COST ($)
1. OPERATIONS						
a. Management	48,687	547	49,889	561	50,994	573
b. Services	26,128	294	28,865	325	28,763	323
c. Furnishings	8,851	100	10,724	121	10,992	124
d. Miscellaneous	109	1	89	1	97	1
SUBTOTAL OPERATIONS	83,775	942	89,567	1,007	90,846	1,022
2. UTILITIES	117,373	1,320	119,365	1,342	118,968	1,338
3. MAINTENANCE						
a. Annual Recurring Maint & Repair	141,783	1,594	184,588	2,076	319,510	3,593
b. Major Maint & Repair Projects	6,422	72	8,360	94	14,471	163
c. Exterior Utilities	6,929	78	9,020	101	15,614	176
d. Maint & Repair of Other Real Property	10,308	116	13,421	151	23,230	261
e. Alterations/Additions	3,549	40	4,620	52	7,997	90
SUBTOTAL MAINTENANCE	166,990	1,900	220,009	2,474	380,823	4,282
4. FOREIGN CURRENCY LOSSES/ SAVINGS	3,030		TBD		TBD	
5. APPROPRIATION	373,168	4,162	428,961	4,824	590,637	6,642
6. REIMBURSABLE PROGRAM	15,078	170	14,000	157	14,000	157
7. TOTAL O&M PROGRAM	388,246	4,332	442,961	4,981	604,637	6,799

ARMY FAMILY HOUSING
OPERATION AND MAINTENANCE, SUMMARY (US OVERSEAS)
(Excludes Leased Units and Costs)
FISCAL YEAR 1996 BUDGET ESTIMATES

A. INVENTORY DATA (US OVERSEAS)	FY 94 ACTUALS	FY 95 CURRENT ESTIMATES	FY 96 BUDGET REQUEST
Units in Being BOY	23,789	12,450	12,642
Units in Being EOY	12,450	12,642	12,742

B. FUNDING REQUIREMENT	TOTAL EST ($000)	UNIT COST ($)	TOTAL EST ($000)	UNIT COST ($)	TOTAL EST ($000)	UNIT COST ($)
1. OPERATIONS						
a. Management	11,846	581	9,760	479	10,316	506
b. Services	15,820	776	8,379	411	8,873	435
c. Furnishings	11,077	543	5,648	277	5,917	290
d. Miscellaneous	171	8	171	8	171	8
SUBTOTAL OPERATIONS	38,914	1,909	23,958	1,175	25,277	1,240
2. UTILITIES	60,119	2,949	35,047	1,719	41,399	2,031
3. MAINTENANCE						
a. Annual Recurring Maint & Repair	63,657	3,122	27,876	1,367	70,725	3,469
b. Major Maint & Repair Projects	2,883	141	1,283	62	3,203	157
c. Exterior Utilities	3,111	153	1,362	67	3,456	170
d. Maint & Repair of Other Real Property	4,626	227	2,027	99	5,142	252
e. Alterations/Additions	1,593	78	698	34	1,770	87
SUBTOTAL MAINTENANCE	75,873	3,722	33,225	1,630	84,297	4,135
4. APPROPRIATION	174,906	8,579	92,230	4,524	150,973	7,405
5. REIMBURSABLE PROGRAM	1,764	87	1,000	49	2,000	98
6. TOTAL O&M PROGRAM	176,670	8,666	93,230	4,573	152,973	7,503

ARMY FAMILY HOUSING
OPERATION AND MAINTENANCE, SUMMARY (FOREIGN)
(Excludes Leased Units and Costs)
FISCAL YEAR 1996 BUDGET ESTIMATES

A. INVENTORY DATA (FOREIGN)	FY 94 ACTUALS	FY 95 CURRENT ESTIMATES	FY 96 BUDGET REQUEST
Units in Being BOY	39,791	34,872	29,102
Units in Being EOY	34,872	29,102	27,330

B. FUNDING REQUIREMENT	TOTAL EST ($000)	UNIT COST ($)	TOTAL EST ($000)	UNIT COST ($)	TOTAL EST ($000)	UNIT COST ($)
1. OPERATIONS						
a. Management	27,093	707	23,592	616	23,416	611
b. Services	21,226	554	15,562	406	15,607	407
c. Furnishings	29,097	759	34,898	911	31,913	833
d. Miscellaneous	678	18	940	25	1,018	27
SUBTOTAL OPERATIONS	78,094	2,038	74,992	1,957	71,954	1,878
2. UTILITIES	127,382	3,325	111,645	2,914	111,009	2,897
3. MAINTENANCE						
a. Annual Recurring Maint & Repair	46,987	1,226	59,928	1,564	141,935	3,704
b. Major Maint & Repair Projects	2,128	56	2,714	71	6,429	168
c. Exterior Utilities	2,296	60	2,929	76	6,936	181
d. Maint & Repair of Other Real Property	3,416	89	4,357	114	10,319	269
e. Alterations/Additions	1,176	31	1,500	39	3,553	93
SUBTOTAL MAINTENANCE	56,003	1,462	71,428	1,864	169,172	4,415
4. APPROPRIATION	261,479	6,824	258,065	6,735	352,135	9,190
5. REIMBURSABLE PROGRAM	2,350	61	6,000	157	8,000	209
6. TOTAL O&M PROGRAM	263,829	6,886	264,065	6,892	360,135	9,399

DoD Component: Army
Appropriation: AFH

February 1995

REAL PROPERTY MAINTENANCE ACTIVITIES
FY 1996 BUDGET STATEMENT
OPERATION & MAINTENANCE COSTS
Real Property Maintenance and Minor Construction Projects*
(HISTORIC HOUSING COSTS)

HISTORIC HOUSING COST	DU'S	($000) FY (96)
A. Non GFOQ Dwelling Units (DU's)		
- Line-item Improvements:	0	0
- Maintenance and Repair:	644	41,786
B. GFOQ Dwelling Units (DU's)		
- Line-item Improvements	0	0
- Maintenance and Repair	142	3,634
C. Grand Total:	786	45,420

* Quarters designated as historically significant requiring major work performed to meet requirement stipulated by the National Historical Preservation Act of 1966 as amended. Major maintenance, repair, and improvement projects are included in the budget submission. Does not include minor recurring routine maintenance and repair, except in GFOQ's.

Exhibit FH-6

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ARMY FAMILY HOUSING
FY 1996 BUDGET ESTIMATES
OPERATION, UTILITIES AND MAINTENANCE
PROGRAM SUMMARY HIGHLIGHTS

Authorization and appropriation are requested for $1,093,745,000 for FY 1996. This amount, together with estimated reimbursements of $24,000,000, will fund the Operations and Maintenance program of $1,117,745,000. A summary follows ($ in thousands):

Operations Request	Utilities Request	Maintenance Request	Total Direct	Reimbursement	Total Program
$188,077	$271,376	$634,292	$1,093,745	$24,000	$1,117,745

The FY 96 operations, utilities, and maintenance programs include the following major initiatives:

o The continued installation, operation, maintenance, and improvement of the Housing Operations Management System (HOMES), an Army-wide computer system designed to assist in all phases of housing management. Ongoing initiatives include making HOMES more user friendly, establishing methods for system improvements and changes, and improving management output reports.

o The continued effort to identify adequate housing in communities which is affordable for the soldier. Where shortages exist, housing surveys are reviewed and project proposals are developed to request new construction or leasing of additional housing for military families.

o Support of the 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.

o Continuation of the Quarters Cleaning Initiative (QCI) which helps limit expensive overseas temporary housing allowances (TLA) to three days in lieu of the 10-day maximum. As a result, QCI program costs are more than offset by known large savings in TLA accounts. The program also shortens the period between occupancy, which creates savings in other housing allowance accounts.

o Continuation of the program to revitalize the family housing inventory. Emphasis is placed on accomplishment of all work required to upgrade units to current construction standards and concurrently perform required maintenance and repairs. Result is extended life of the quarters, reduced future maintenance and utility costs, and increased occupancy in the out-years.

ARMY FAMILY HOUSING
FY 1995 BUDGET ESTIMATES
OPERATIONS ACCOUNT

	($ In Thousands)
FY 1996 Program	**188,077**
FY 1995 Program	**188,517**

The operations account represents the day-to-day cost of providing services to family housing. The FY 1996 program was developed using prescribed inflation, civilian pay raise, and foreign currency formulation rates. To the extent known, adjustments have been made for base closures and overseas force structure draw downs. Each operations subaccount is described in the following analysis:

MANAGEMENT SUBACCOUNT

FY 95	FY 96
$83,241,000	$84,726,000

The FY 96 request for the management subaccount is based on prior years level of effort required for housing staffs, referral services, housing surveys, environmental studies, and project planning.

RECONCILIATION OF INCREASES AND DECREASES

		($M)
FY 94 OBLIGATIONS		**$87.6**
Pricing		+1.6
Inflation	(+1.3)	
Civilian Pay Raise	(+0.9)	
Foreign Currency (1.65DM/$ to 1.72DM/$)	(-0.6)	
Program Decreases		-9.4
Inventory Reduction	(-6.2)	
Deconsolidation of Oahu	(-3.2)	
Program Increases		+3.4
Program Adjustments	(+3.4)	
FY 95 CURRENT ESTIMATE		**$83.2**
Pricing		+4.0
Inflation	(+1.1)	
Civilian Pay Raise	(+1.3)	
Foreign Currency (1.72DM/$ to 1.57DM/$)	(+1.6)	
Program Decreases		-2.5
Inventory Reduction	(-2.5)	
FY 96 BUDGET REQUEST		**$84.7**

Rationale for Changes in the Management Account

Program decreases reflect reduced inventory due to base realignment and closures (BRAC) proposals and European draw down. Pricing adjustments include OSD prescribed inflation, foreign currency, and civilian pay raise rates. Program increases reflect internal adjustments.

SERVICES SUBACCOUNT

FY 95	FY 96
$52,806,000	$53,243,000

The FY 96 request is based on the required level of support for refuse collection, street cleaning, fire protection, pest control, and custodial services. The requirements and adjustments are outlined below.

RECONCILIATION OF INCREASES AND DECREASES

		($M)
FY 94 OBLIGATIONS		**$63.2**
Pricing		+1.1
Inflation	(+1.5)	
Foreign Currency (1.65DM/$ to 1.72DM/$)	(-0.4)	
Program Decreases		-13.5
Inventory Reduction/ Deconsolidation of Oahu	(-13.5)	
Program Increases		+2.0
Program Adjustments	(+2.0)	
FY 95 CURRENT ESTIMATE		**$52.8**
Pricing		+2.7
Inflation	(+1.5)	
Foreign Currency (1.72DM/$ to 1.57DM/$)	(+1.2)	
Program Decreases		-2.3
Inventory Reduction	(-2.3)	
FY 96 BUDGET REQUEST		**$53.2**

Rationale for changes in the Services Subaccount

Pricing adjustments were based on the OSD prescribed inflation and foreign currency rates. Program decreases reflect inventory adjustments, including reductions in Europe and base realignments and closures (BRAC), and internal program actions.

FURNISHINGS SUBACCOUNT

FY 95	FY 96
$51,270,000	$48,822,000

The furnishings subaccount is used primarily for the procurement, (initial issue and replacement), management, control, moving and handling, maintenance and repair of appliances (i.e., refrigerators, ranges, and, where authorized at OCONUS locations, washers and dryers) for all family quarters throughout the Army. In addition, furniture items such as beds, tables, dressers, etc., are authorized for OCONUS locations.

RECONCILIATION OF INCREASES AND DECREASES

		($M)
FY 94 OBLIGATIONS		**$49.0**
Pricing		+0.6
Inflation	(+1.0)	
Civilian Pay Raise	(+0.3)	
Foreign Currency (1.65DM/$ to 1.72DM/$)	(-0.7)	
Program Decreases		-8.7
Inventory Reduction	(-3.3)	
Deconsolidation of Oahu	(-5.4)	
Program Increases		+10.4
Program Adjustments	(+10.4)	
FY 95 CURRENT ESTIMATE		**$51.3**
Pricing		+3.1
Inflation	(+1.0)	
Civilian Pay Raise	(+0.4)	
Foreign Currency (1.72DM/$ to 1.57DM/$	(+1.7)	
Program Decreases		-5.6
Inventory Reduction	(-3.4)	
Program Adjustments	(-2.2)	
FY 96 BUDGET REQUEST		**$48.8**

Rationale for Changes in the Furnishings Account

Current estimates for FY 95 support agreed upon increases in USAREUR housing requirements. In addition, furnishings (furniture and appliances) are provided not only to government owned family quarters, but to those military and Department of the Army civilians residing on the economy in USAREUR. Furnishings for off-post housing were not adequately supported in prior years. FY 96 estimates continue to reflect above identified furnishings support to USAREUR. Foreign currency, inflation, and civilian pay raise adjustments are at the prescribed OSD rates. Program decreases reflect inventory and internal adjustments.

MISCELLANEOUS SUBACCOUNT

FY 95	FY 96
$1,200,000	$1,286,000

The FY 96 request includes resources to cover permit payments for housing units and/or trailer spaces occupied by U.S. soldiers in foreign locations, provided by state, municipal, or foreign governments. Also includes resources to pay for fire insurance to the Federal Republic of Germany, required by NATO SOFA.

RECONCILIATION OF INCREASES AND DECREASES

		($M)
FY 94 OBLIGATIONS		**$1.0**
Pricing		
Inflation	(+0.1)	
Foreign Currency (1.65DM/$ to 1.72DM/$)	(-0.1)	
Program Increases		+0.2
Program Adjustments	(+0.2)	
FY 95 CURRENT ESTIMATE		**$1.2**
Pricing		+0.2
Inflation	(+0.1)	
Foreign Currency (1.72DM/$ to 1.57DM/$)	(+0.1)	
Program Decreases		-0.1
Program Adjustments	(-0.1)	
FY 96 BUDGET REQUEST		**$1.3**

Rationale for Changes in the Miscellaneous Account

Program and pricing increases reflect internal adjustments, foreign currency, and the OSD prescribed inflation rates. Program decreases in FY 96 reflect internal program adjustments.

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ARMY FAMILY HOUSING
FY 1996 BUDGET ESTIMATES
UTILITIES ACCOUNT

($ In Thousands)	
FY 1996 Program	**271,376**
FY 1995 Program	**266,077**

This program provides for all utilities for Army Family Housing, which 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.

RECONCILIATION OF INCREASES AND DECREASES

		($M)
FY 94 OBLIGATIONS		**$304.9**
Program Increases		+23.4
Non-Fuel Inflation	(+ 8.5)	
Fuel Price Adjustment	(+ 1.3)	
Program Adjustment	(+13.6)	
Program Decreases		-62.2
Inventory Reduction	(-20.9)	
Energy Consumption Reduction Goal	(- 4.6)	
Foreign Currency (1.65DM/$ to 1.72DM/$)	(- 3.2)	
Deconsolidation of Oahu	(-33.5)	
FY 95 CURRENT ESTIMATE		**$266.1**
Program Increases		+25.7
Non-Fuel Inflation	(+ 7.5)	
Fuel Price Adjustment	(+ 2.1)	
Foreign Currency (1.72DM/$ to 1.57DM/$)	(+ 7.9)	
Program Adjustments	(+ 8.2)	
Program Decreases		-20.4
Inventory Reduction	(-16.5)	
Energy Consumption Reduction Goal	(- 3.9)	
FY 96 BUDGET REQUEST		**$271.4**

Rationale for changes in the Utilities Account

The energy consumption reduction goal of 1.5 percent has been considered in the program. It is anticipated that the established energy reduction goals between FY 85 and FY 96 will be met (30% reduction FY 85-05). Savings realized as a result of the 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 adjustments are based on BRAC, reductions in Europe and CONUS, and increase due to new construction. Program adjustments are made based on buyout of district heat contracts in Europe, and a higher rate of inventory reduction than planned.

ARMY FAMILY HOUSING
FY 1996 BUDGET ESTIMATES
MAINTENANCE ACCOUNT

	($ In Thousands)
FY 1996 Program	**634,292**
FY 1995 Program	**324,662**

The family housing assets maintained by the Army are valued at over $18 billion in replacement costs. To ensure that these facilities can be occupied continuously requires sound property management for preservation and protection of this major investment. The past decline of the dollar value overseas and current budget reductions have had an adverse impact on the Army's program to contain the growth of deferred maintenance.

RECONCILIATION OF INCREASES AND DECREASES

	($M)
FY 94 OBLIGATIONS	**$300.9**
Unfunded FY 94 Requirements	347.0
DMAR Containment (Inflation & Deterioration)	+33.0
Annual Maintenance Requirement	+510.3
Total FY 95 Requirement	**$543.3**
FY 95 CURRENT ESTIMATE	**$324.7**
Unfunded FY 95 Requirement	218.6
DMAR Containment (Inflation & Deterioration)	+43.7
Annual Maintenance Requirement	+500.4
Total FY 96 Requirement	**$544.1**
Unfunded FY 96 Requirement	-90.2
FY 96 BUDGET REQUEST	**$634.3**

Based upon inadequate funding for maintenance and repair during FY 94 and FY 95, the Army made a deliberate decision to severely reduce funding for new construction and revitalization in FY 96. This funding was transferred to the maintenance and repair

account to enable the Army to make quick fixes to existing units and their associated infrastructure, thus sustaining the enduring inventory.

Funding for maintenance and repair in FY 95 is inadequate to prevent deterioration of the owned inventory and major M&R projects, which will result in some units becoming uninhabitable.

In support of the Secretary of the Defense quality of life initiative, funding request for maintenance and repair in FY 96 will satisfy all the annual maintenance requirements and begin to eliminate some of the backlog of deferred maintenance and repair (DMAR).

The Army has initiated a whole-house/whole-neighborhood concept to establish total funding required to bring existing facilities up to new construction standards. This concept combines all improvements with required maintenance and repairs into one project, minimizing quarters downtime and continual disruption to residents for piece-meal work. Each unit revitalized eliminates approximately $6,000 in accumulated DMAR.

During FY 96 it is estimated that approximately 19,055 overseas units and associated costs of $4.360 million will be required for quarters cleaning between change of occupancy at the following overseas locations:

MACOM	NO. OF UNITS	($000)
EUSA	842	198
USARPAC	5,500	1,292
USARSO	875	88
USAREUR	11,838	2,782
TOTAL	19,055	4,360

ARMY FAMILY HOUSING
FY 1996 BUDGET ESTIMATES
SUMMARY BACKLOG OF DEFERRED MAINTENANCE
($M)

	FY 94	FY 95	FY 96
Beginning of Year DMAR		600	770
Revitalization Reduction		- 6	- 2
DMAR Inventory Reduction		- 35	- 46
Revalue Adjustment (Foreign Currency)		- 7	+ 19
Revised Beginning of Year DMAR		552	741
DMAR Containment (Inflation & Deterioration)		33	44
Annual Maintenance Requirement		510	500
Total Maintenance Requirement		543	544
Total Maintenance Financed		325	634
Change in DMAR		+218	- 90
End of Year DMAR	600 (Reported)	770	651
DMAR Per Dwelling Unit ($000)	4.3	5.9	5.2

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1. COMPONENT ARMY	FY 1996 MILITARY CONSTRUCTION PROJECT DATA	2. DATE February 1995

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
Various Locations - Continental	AFH Maintenance and Repair Projects over $15,000 per Dwelling Unit

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
887420	771	Congressional Report Request	$160,279.8

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	4,350	--	$160,279.8

10. Description of Proposed Construction

Projects include work necessary to provide adequate family quarters by repairing/replacing deteriorated building components, i.e., walls, ceilings, windows, electrical and sanitary systems, light fixtures, chimneys, gutters and downspouts, and roofing 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 4,350 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.

1. COMPONENT ARMY	FY 1996 MILITARY CONSTRUCTION PROJECT DATA	2. DATE February 1995

3. INSTALLATION AND LOCATION

Various Locations - Continental

4. PROJECT TITLE	5. PROJECT NUMBER
Army Family Housing Maintenance and Repair Projects over $15,000 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. Projects are at CONUS locations.

CURRENT SITUATION: These units vary in age up to 186 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. Type of repairs to be performed are based on a cost analysis.

NOTE: This information is provided in accordance with the House Appropriation Committee, Report 103-516, 19 May 1994, requiring the Services to report major repairs in family quarters where the costs (obligations) exceed $15,000 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 96. Work required in historical family quarters, designated as historically significant, has been identified and is being performed in consultation with applicable State Historic Preservation Offices.

1. COMPONENT	FY 1996 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
ARMY		February 1995

3. INSTALLATION AND LOCATION

Various Locations - Continental

4. PROJECT TITLE	5. PROJECT NUMBER
Army Family Housing Maintenance and Repair Projects over $15,000 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
ALABAMA							
Fort Rucker (PN 45413)	192	1958	15.4	1,248	239,560	2,950.0	0.0

Repair dwelling units by the replacement of all kitchen components to include flooring. Bathroom repairs include the replacement of all bath components to include ceramic wall and floor tiles. Work includes repair/replace gypsum wallboard and repaint. Major M&R + PAC past 5 years: None.

Fort Rucker (PN 45426)	34	1958	15.3	1,063	36,142	520.0	0.0

Repair dwelling units by the replacement of all kitchen components to include flooring. Bathroom repairs include the replacement of all bath components to include ceramic wall and floor tiles. Work includes repair/replace gypsum wallboard and repaint. Major M&R + PAC past 5 years: None.

Fort Rucker (PN 45453)	34	1958	17.4	1,388	47,192	590.0	0.0

Repair dwelling units by the replacement of all kitchen components to include flooring. Bathroom repairs include the replacement of all bath components to include ceramic wall and floor tiles. Work includes repair/replace gypsum wallboard and repaint. Major M&R + PAC past 5 years: None.

Fort Rucker (PN 45465)	21	1958	18.1	1,360	28,553	380.0	0.0

Repair dwelling units by the replacement of all kitchen components to include flooring. Bathroom repairs include the replacement of all bath components to include ceramic wall and floor tiles. Work includes repair/replace gypsum wallboard and repaint. Major M&R + PAC past 5 years: None.

Fort Rucker (PN 45473)	9	1958	18.9	1,530	13,767	170.0	0.0

Repair dwelling units by the replacement of all kitchen components to include flooring. Bathroom repairs include the replacement of all bath components to include ceramic wall and floor tiles. Work includes repair/replace gypsum wallboard and repaint. Major M&R + PAC past 5 years: None.

1. COMPONENT ARMY	FY 1996 MILITARY CONSTRUCTION PROJECT DATA	2. DATE February 1995

3. INSTALLATION AND LOCATION

Various Locations - Continental

4. PROJECT TITLE	5. PROJECT NUMBER
Army Family Housing Maintenance and Repair Projects over $15,000 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
Alaska							
Fort Richardson (45497)	56	1955	28.6	1,000	56,000	1,600.0	0.0

Repair dwelling units by replacing the existing steam heat system with hot water baseboard heat system. Replacement includes installing new baseboard heaters, piping, heat exchanger, hot water tank, and replace all temperature controls. Work also includes the removal of asbestos and insulate heat lines with fiberglass. Major M&R + PAC past 5 years: $104,000, which equates to $1,857 per dwelling unit over the 5 year period.

Fort Richardson (45499)	64	1952	28.9	1,080	69,120	1,850.0	0.0

Repair dwelling units by replacing the existing steam heat system with hot water baseboard heat system. Replacement includes installing new baseboard heaters, piping, heat exchanger, hot water tank, and rewrite for temperature controls. Work also includes the removal of asbestos and insulate heat lines with fiberglass. Major M&R + PAC past 5 years: $240,000, which equates to $3,750 per dwelling unit over the 5 year period.

Fort Wainwright (45498)	88	1948 - 1952	31.8	1,091	96,000	2,800.0	0.0

Repair dwelling units by replacing the existing steam heat system with hot water baseboard heat system. Replacement consists installing new baseboard heaters, piping, heat exchanger, hot water tank, and rewrite for temperature controls. Work also includes the removal of asbestos and insulate heat lines with fiberglass. Major M&R + PAC past 5 years: $240,000, which equates to $3,750 per dwelling unit over the 5 year period.

ARKANSAS							
Pine Bluff Arsenal (45466)	8	1942	18.8	1,572	12,575	150.0	0.0

Repair dwelling units by replacing the heating, ventilating, air conditioning system (HVAC) and related ductwork. Major M&R + PAC past 5 years: $235,557, which equates to $29,445 per dwelling unit over the 5 year period.

1. COMPONENT ARMY	FY 1996 MILITARY CONSTRUCTION PROJECT DATA	2. DATE February 1995

3. INSTALLATION AND LOCATION

Various Locations - Continental

4. PROJECT TITLE	5. PROJECT NUMBER
Army Family Housing Maintenance and Repair Projects over $15,000 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
CALIFORNIA							
Oakland Army Base Historical (PN 45417)	1	1852	60.0	5,300	5,300	60.0	0.0

Repair dwelling unit by the removal and replacement of all existing roof coverings. Work includes the removal and replacement of damaged rafters, wood sheathing and insulation. The detached garage roof will also be repaired. Work includes the replacement of associated gutters and downspouts. Major M&R + PAC past 5 years: $17,583.

Oakland Army Base Historical (PN 45418)	1	1864	30.0	1,729	1,729	30.0	0.0

Repair dwelling unit by the replacement of the foundation, girder, floor, exterior wall, door, and exterior steps of the enclosed porch to Quarters 235A. Major M&R + PAC past 5 years: None.

Oakland Army Base Historical (PN 45408)	2	1855	20.0	2,666	5,332	40.0	0.0

Repair dwelling units by the removal and replacement of all existing roof coverings. Work includes the removal and replacement of damaged rafters, wood sheathing and insulation. Work includes the replacement of associated gutters and downspouts. Major M&R + PAC past 5 years: None.

GEORGIA							
Fort Benning Historical (PN 45385)	74	1934	100.0	3,350	247,900	7,400.0	0.0

Repair dwelling units and associated garages by refurbishing all exterior wood and metal, and stucco surfaces. Windows, doors, soffits, fascia, gutters and downspouts will be replaced. The existing roofs will be replaced which includes roof covering, sheathing, roof tiles, gutters and downspouts. Work also includes the removal of lead-based paint and asbestos. Major M&R + PAC past 5 years: None

1. COMPONENT ARMY	FY 1996 MILITARY CONSTRUCTION PROJECT DATA	2. DATE February 1995

3. INSTALLATION AND LOCATION

Various Locations - Continental

4. PROJECT TITLE	5. PROJECT NUMBER
Army Family Housing Maintenance and Repair Projects over $15,000 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 Benning Historical (PN 45386)	33	1923	101.5	3,106	102,498	3,350.0	0.0

Repair dwelling units and associated garages by refurbishing all exterior wood and metal, and stucco surfaces. Windows, doors, soffits, fascia, gutters and downspouts will be replaced. The existing roofs will be replaced which includes roof covering, sheathing, roof tiles, gutters and downspouts. Work also includes the removal of lead-based paint and asbestos. Major M&R + PAC past 5 years: None

Fort Benning Historical (PN 45387)	32	1934	104.7	3,401	108,832	3,350.0	0.0

Repair dwelling units and associated garages by refurbishing all exterior wood and metal, and stucco surfaces. Windows, doors, soffits, fascia, gutters and downspouts will be replaced. The existing roofs will be replaced which includes roof covering, sheathing, roof tiles, gutters and downspouts. Work also includes the removal of lead-based paint and asbestos. Major M&R + PAC past 5 years: None

Fort Benning Historical (PN 45388)	58	1934	21.6	319	18,478	1,250.0	0.0

Repair the dwelling units existing metal garages by replacement with carports with attached storage. Existing garages are falling down and contain several coats of lead-based paint. Major M&R + PAC past 5 years: None.

Fort Benning Historical (PN 45479)	120	1934	88.3	2,126	255,120	10,600.0	0.0

Repair dwelling units and associated garages by refurbishing all exterior wood and metal, and stucco surfaces. Windows, doors, soffits, fascia, gutters and downspouts will be replaced. The existing roofs will be replaced which includes roof covering, sheathing, roof tiles, gutters and downspouts. Work also includes the removal of lead-based paint and asbestos. Major M&R + PAC past 5 years: None

Fort Benning Historical (PN 45495)	83	1931	90.4	1,586	131,638	7,500.0	0.0

Repair dwelling units and associated garages by refurbishing all exterior wood and metal, and stucco surfaces. Windows, doors, soffits, fascia, gutters and downspouts will be replaced. The existing roofs will be replaced which includes roof covering, sheathing, roof tiles, gutters and downspouts. Work also includes the removal of lead-based paint and asbestos. Major M&R + PAC past 5 years: None

1. COMPONENT ARMY	FY 1996 MILITARY CONSTRUCTION PROJECT DATA	2. DATE February 1995

3. INSTALLATION AND LOCATION

Various Locations - Continental

4. PROJECT TITLE	5. PROJECT NUMBER
Army Family Housing Maintenance and Repair Projects over $15,000 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 Benning Historical (PN 45496)	18	1931	91.7	1,572	28,296	1,650.0	0.0

Repair dwelling units and associated garages by refurbishing all exterior wood and metal, and stucco surfaces. Windows, doors, soffits, fascia, gutters and downspouts will be replaced. The existing roofs will be replaced which includes roof covering, sheathing, roof tiles, gutters and downspouts. Work also includes the removal of lead-based paint and asbestos. Major M&R + PAC past 5 years: None

Fort McPherson Historical (PN 45452)	4	1887 - 1910	96.7	2,936	11,750	386.8	0.0

Repair dwelling units by the removal or abatement of lead-based paint throughout the unit, interior and exterior. Major M&R + PAC past 5 years: None.

Fort McPherson Historical (PN 44732)	5	1887 - 1910	132.6	3,324	16,622	663.0	0.0

Repair dwelling units by replacing windows, electrical and sanitary systems, gutters and downspouts, cracked and deteriorated light fixtures, standing seam roofs, broken tile on tile roofs, and repairing chimneys to include the lining. Major M&R + PAC past 5 years: $14,638.00, which equates to $2,928.00 per dwelling unit over the 5 year period.

HAWAII

Fort Shafter Historical (PN 45427)	4	1917	40.0	2,441	9,764	160.0	0.0

Repair dwelling units by replacing kitchen wall and base cabinets, countertops, stainless steel sinks, garbage disposal, rangehoods, bathtubs, showers, water closets, lavatories, towel bars, floor coverings and light fixtures. Work also includes installing dishwashers and associated electrical fixtures. Major M&R + PAC past 5 years: None.

Fort Shafter (PN 45428)	52	1958	34.6	1,124	58,446	1,800.0	0.0

Repair dwelling units by replacing kitchen wall and base cabinets, countertops, stainless steel sinks, garbage disposal, rangehoods, bathtubs, showers, water closets, lavatories, towel bars, floor coverings and light fixtures. Work also includes installing dishwashers and associated electrical fixtures. Major M&R + PAC past 5 years: None.

1. COMPONENT ARMY	FY 1996 MILITARY CONSTRUCTION PROJECT DATA	2. DATE February 1995

3. INSTALLATION AND LOCATION

Various Locations - Continental

4. PROJECT TITLE	5. PROJECT NUMBER
Army Family Housing Maintenance and Repair Projects over $15,000 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 Shafter (PN 45429)	56	1958	33.9	1,017	56,974	1,900.0	0.0

Repair dwelling units by replacing kitchen wall and base cabinets, countertops, stainless steel sinks, garbage disposal, rangehoods, bathtubs, showers, water closets, lavatories, towel bars, floor coverings and light fixtures. Work also includes installing dishwashers and associated electrical fixtures. Major M&R + PAC past 5 years: None.

Fort Shafter (PN 45430)	42	1943 & 1961	31.0	958	40,250	1,300.0	0.0

Repair dwelling units by replacing kitchen wall and base cabinets, countertops, stainless steel sinks, garbage disposal, rangehoods, bathtubs, showers, water closets, lavatories, towel bars, floor coverings and light fixtures. Work also includes installing dishwashers and associated electrical fixtures. Major M&R + PAC past 5 years: None.

Fort Shafter (PN 45431)	35	1943 & 1961	32.9	1,102	38,587	1,150.0	0.0

Repair dwelling units by replacing kitchen wall and base cabinets, countertops, stainless steel sinks, garbage disposal, rangehoods, bathtubs, showers, water closets, lavatories, towel bars, floor coverings and light fixtures. Work also includes installing dishwashers and associated electrical fixtures. Major M&R + PAC past 5 years: None.

Fort Shafter (PN 45432)	36	1962	34.7	1,035	37,277	1,250.0	0.0

Repair dwelling units by replacing kitchen wall and base cabinets, countertops, stainless steel sinks, garbage disposal, rangehoods, bathtubs, showers, water closets, lavatories, towel bars, floor coverings and light fixtures. Work also includes installing dishwashers and associated electrical fixtures. Major M&R + PAC past 5 years: None.

Fort Shafter (PN 45433)	38	1962	34.2	995	37,795	1,300.0	0.0

Repair dwelling units by replacing kitchen wall and base cabinets, countertops, stainless steel sinks, garbage disposal, rangehoods, bathtubs, showers, water closets, lavatories, towel bars, floor coverings and light fixtures. Work also includes installing dishwashers and associated electrical fixtures. Major M&R + PAC past 5 years: None.

1. COMPONENT ARMY	FY 1996 MILITARY CONSTRUCTION PROJECT DATA	2. DATE February 1995

3. INSTALLATION AND LOCATION

Various Locations - Continental

4. PROJECT TITLE	5. PROJECT NUMBER
Army Family Housing Maintenance and Repair Projects over $15,000 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 Shafter (PN 45434)	56	1962	33.9	1,041	58,319	1,900.0	0.0

Repair dwelling units by replacing kitchen wall and base cabinets, countertops, stainless steel sinks, garbage disposal, rangehoods, bathtubs, showers, water closets, lavatories, towel bars, floor coverings and light fixtures. Work also includes installing dishwashers and associated electrical fixtures. Major M&R + PAC past 5 years: None.

Fort Shafter (PN 45435)	54	1961	34.3	992	53,568	1,850.0	0.0

Repair dwelling units by replacing kitchen wall and base cabinets, countertops, stainless steel sinks, garbage disposal, rangehoods, bathtubs, showers, water closets, lavatories, towel bars, floor coverings and light fixtures. Work also includes installing dishwashers and associated electrical fixtures. Major M&R + PAC past 5 years: None.

Fort Shafter (PN 45436)	49	1961	37.8	1,108	54,284	1,850.0	0.0

Repair dwelling units by replacing kitchen wall and base cabinets, countertops, stainless steel sinks, garbage disposal, rangehoods, bathtubs, showers, water closets, lavatories, towel bars, floor coverings and light fixtures. Work also includes installing dishwashers and associated electrical fixtures. Major M&R + PAC past 5 years: None.

Fort Shafter (PN 45437)	54	1961	34.3	1,315	71,010	1,850.0	0.0

Repair dwelling units by replacing kitchen wall and base cabinets, countertops, stainless steel sinks, garbage disposal, rangehoods, bathtubs, showers, water closets, lavatories, towel bars, floor coverings and light fixtures. Work also includes installing dishwashers and associated electrical fixtures. Major M&R + PAC past 5 years: None.

Fort Shafter (PN 45438)	40	1961	33.8	1,213	48,520	1,350.0	0.0

Repair dwelling units by replacing kitchen wall and base cabinets, countertops, stainless steel sinks, garbage disposal, rangehoods, bathtubs, showers, water closets, lavatories, towel bars, floor coverings and light fixtures. Work also includes installing dishwashers and associated electrical fixtures. Major M&R + PAC past 5 years: None.

1. COMPONENT ARMY	FY 1996 MILITARY CONSTRUCTION PROJECT DATA	2. DATE February 1995

3. INSTALLATION AND LOCATION

Various Locations - Continental

4. PROJECT TITLE	5. PROJECT NUMBER
Army Family Housing Maintenance and Repair Projects over $15,000 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 Shafter (PN 45441)	44	1961	40.9	1,575	69,304	1,800.0	0.0

Repair dwelling units by replacing kitchen wall and base cabinets, countertops, stainless steel sinks, garbage disposal, rangehoods, bathtubs, showers, water closets, lavatories, towel bars, floor coverings and light fixtures. Work also includes installing dishwashers and associated electrical fixtures. Major M&R + PAC past 5 years: None.

Fort Shafter (PN 45459)	48	1962	34.4	1,011	48,509	1,650.0	0.0

Repair dwelling units by replacing kitchen wall and base cabinets, countertops, stainless steel sinks, garbage disposal, rangehoods, bathtubs, showers, water closets, lavatories, towel bars, floor coverings and light fixtures. Work also includes installing dishwashers and associated electrical fixtures. Major M&R + PAC past 5 years: None.

Fort Shafter Medical Center (PN 45460)	46	1962	34.8	1,024	47,088	1,600.0	0.0

Repair dwelling units by replacing kitchen wall and base cabinets, countertops, stainless steel sinks, garbage disposal, rangehoods, bathtubs, showers, water closets, lavatories, towel bars, floor coverings and light fixtures. Work also includes installing dishwashers and associated electrical fixtures. Major M&R + PAC past 5 years: None.

Schofield Barracks (PN 45384)	41	1972	37.8	1,092	44,781	1,550.0	0.0

Repair dwelling units by replacing kitchen wall and base cabinets, countertops, stainless steel sinks, garbage disposal, rangehoods, bathtubs, showers, water closets, lavatories, towel bars, floor coverings and light fixtures. Work also includes installing dishwashers and associated electrical fixtures. Major M&R + PAC past 5 years: $203,371, which equates to $4,960 per dwelling unit over the past 5 years.

Schofield Barracks (PN 45389)	30	1972	33.3	1,085	32,539	1,000.0	0.0

Repair dwelling units by replacing kitchen wall and base cabinets, countertops, stainless steel sinks, garbage disposal, rangehoods, bathtubs, showers, water closets, lavatories, towel bars, floor coverings and light fixtures. Work also includes installing dishwashers and associated electrical fixtures. Major M&R + PAC past 5 years: $99,904, which equates to $3,320 per dwelling unit over the past 5 years.

1. COMPONENT ARMY	FY 1996 MILITARY CONSTRUCTION PROJECT DATA	2. DATE February 1995

3. INSTALLATION AND LOCATION

Various Locations - Continental

4. PROJECT TITLE	5. PROJECT NUMBER
Army Family Housing Maintenance and Repair Projects over $15,000 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
Schofield Barracks (PN 45390)	29	1972	33.1	1,043	30,236	960.0	0.0

Repair dwelling units by replacing kitchen wall and base cabinets, countertops, stainless steel sinks, garbage disposal, rangehoods, bathtubs, showers, water closets, lavatories, towel bars, floor coverings and light fixtures. Work also includes installing dishwashers and associated electrical fixtures. Major M&R + PAC past 5 years: $203,371, which equates to $7,013 per dwelling unit over the past 5 years.

Schofield Barracks (PN 45391)	22	1972	35.0	1,082	23,814	770.0	0.0

Repair dwelling units by replacing kitchen wall and base cabinets, countertops, stainless steel sinks, garbage disposal, rangehoods, bathtubs, showers, water closets, lavatories, towel bars, floor coverings and light fixtures. Work also includes installing dishwashers and associated electrical fixtures. Major M&R + PAC past 5 years: $203,371, which equates to $9,244 per dwelling unit over the past 5 years.

Schofield Barracks (PN 45392)	31	1972	33.9	1,046	32,414	1,050.0	0.0

Repair dwelling units by replacing kitchen wall and base cabinets, countertops, stainless steel sinks, garbage disposal, rangehoods, bathtubs, showers, water closets, lavatories, towel bars, floor coverings and light fixtures. Work also includes installing dishwashers and associated electrical fixtures. Major M&R + PAC past 5 years: $99,604, which equates to $3,213 per dwelling unit over the past 5 years.

Schofield Barracks (PN 45393)	34	1972	35.3	1,116	37,932	1,200.0	0.0

Repair dwelling units by replacing kitchen wall and base cabinets, countertops, stainless steel sinks, garbage disposal, rangehoods, bathtubs, showers, water closets, lavatories, towel bars, floor coverings and light fixtures. Work also includes installing dishwashers and associated electrical fixtures. Major M&R + PAC past 5 years: $99,604, which equates to $2,930 per dwelling unit over the past 5 years.

Schofield Barracks (PN 45394)	26	1972	36.2	1,155	29,994	940.0	0.0

Repair dwelling units by replacing kitchen wall and base cabinets, countertops, stainless steel sinks, garbage disposal, rangehoods, bathtubs, showers, water closets, lavatories, towel bars, floor coverings and light fixtures. Work also includes installing dishwashers and associated electrical fixtures. Major M&R + PAC past 5 years: $99,604, which equates to $3,831 per dwelling unit over the past 5 years.

1. COMPONENT ARMY	FY 1996 MILITARY CONSTRUCTION PROJECT DATA	2. DATE February 1995

3. INSTALLATION AND LOCATION

Various Locations - Continental

4. PROJECT TITLE	5. PROJECT NUMBER
Army Family Housing Maintenance and Repair Projects over $15,000 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
Schofield Barracks (PN 45395)	25	1972	35.2	1,132	28,288	880.0	0.0

Repair dwelling units by replacing kitchen wall and base cabinets, countertops, stainless steel sinks, garbage disposal, rangehoods, bathtubs, showers, water closets, lavatories, towel bars, floor coverings and light fixtures. Work also includes installing dishwashers and associated electrical fixtures. Major M&R + PAC past 5 years: $99,604, which equates to $3,984 per dwelling unit over the past 5 years.

Schofield Barracks (PN 45396)	26	1972	36.9	1,118	29,076	960.0	0.0

Repair dwelling units by replacing kitchen wall and base cabinets, countertops, stainless steel sinks, garbage disposal, rangehoods, bathtubs, showers, water closets, lavatories, towel bars, floor coverings and light fixtures. Work also includes installing dishwashers and associated electrical fixtures. Major M&R + PAC past 5 years: $99,604, which equates to $3,831 per dwelling unit over the past 5 years.

Schofield Barracks (PN 45397)	36	1972	36.1	1,100	39,592	1,300.0	0.0

Repair dwelling units by replacing kitchen wall and base cabinets, countertops, stainless steel sinks, garbage disposal, rangehoods, bathtubs, showers, water closets, lavatories, towel bars, floor coverings and light fixtures. Work also includes installing dishwashers and associated electrical fixtures. Major M&R + PAC past 5 years: $99,604, which equates to $2,767 per dwelling unit over the past 5 years.

Schofield Barracks (PN 45414)	35	1932	51.4	1,916	67,065	1,800.0	0.0

Repair dwelling units by replacing kitchen wall and base cabinets, countertops, stainless steel sinks, garbage disposal, rangehoods, bathtubs, showers, water closets, lavatories, towel bars, floor coverings and light fixtures. Work also includes installing dishwashers and associated electrical fixtures. Major M&R + PAC past 5 years: None.

Schofield Barracks (PN 45415)	49	1919	34.7	2,097	102,745	1,700.0	0.0

Repair dwelling units by replacing kitchen wall and base cabinets, countertops, stainless steel sinks, garbage disposal, rangehoods, bathtubs, showers, water closets, lavatories, towel bars, floor coverings and light fixtures. Work also includes installing dishwashers and associated electrical fixtures. Major M&R + PAC past 5 years: None.

1. COMPONENT ARMY	FY 1996 MILITARY CONSTRUCTION PROJECT DATA	2. DATE February 1995

3. INSTALLATION AND LOCATION

Various Locations - Continental

4. PROJECT TITLE	5. PROJECT NUMBER
Army Family Housing Maintenance and Repair Projects over $15,000 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
Schofield Barracks (PN 45416)	46	1919	35.9	2,189	100,673	1,650.0	0.0

Repair dwelling units by replacing kitchen wall and base cabinets, countertops, stainless steel sinks, garbage disposal, rangehoods, bathtubs, showers, water closets, lavatories, towel bars, floor coverings and light fixtures. Work also includes installing dishwashers and associated electrical fixtures. Major M&R + PAC past 5 years: None.

Tripler Army Medical Center (PN 45439)	16	1948	29.4	1,098	17,568	470.0	0.0

Repair dwelling units by replacing kitchen wall and base cabinets, countertops, stainless steel sinks, garbage disposal, rangehoods, bathtubs, showers, water closets, lavatories, towel bars, floor coverings and light fixtures. Work also includes installing dishwashers and associated electrical fixtures. Major M&R + PAC past 5 years: None.

Tripler Army Medical Center (PN 45440)	48	1959	32.3	1,081	51,897	1,550.0	0.0

Repair dwelling units by replacing kitchen wall and base cabinets, countertops, stainless steel sinks, garbage disposal, rangehoods, bathtubs, showers, water closets, lavatories, towel bars, floor coverings and light fixtures. Work also includes installing dishwashers and associated electrical fixtures. Major M&R + PAC past 5 years: None.

Tripler Army Medical Center (PN 45442)	30	1973	33.0	1,009	30,257	990.0	0.0

Repair dwelling units by replacing kitchen wall and base cabinets, countertops, stainless steel sinks, garbage disposal, rangehoods, bathtubs, showers, water closets, lavatories, towel bars, floor coverings and light fixtures. Work also includes installing dishwashers and associated electrical fixtures. Major M&R + PAC past 5 years: None.

Tripler Army Medical Center (PN 45443)	30	1973	30.3	1,001	30,034	910.0	0.0

Repair dwelling units by replacing kitchen wall and base cabinets, countertops, stainless steel sinks, garbage disposal, rangehoods, bathtubs, showers, water closets, lavatories, towel bars, floor coverings and light fixtures. Work also includes installing dishwashers and associated electrical fixtures. Major M&R + PAC past 5 years: None.

1. COMPONENT ARMY	FY 1996 MILITARY CONSTRUCTION PROJECT DATA	2. DATE February 1995

3. INSTALLATION AND LOCATION

Various Locations - Continental

4. PROJECT TITLE	5. PROJECT NUMBER
Army Family Housing Maintenance and Repair Projects over $15,000 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
Tripler Army Medical Center (PN 45457)	42	1973	32.1	1,163	48,819	1,350.0	0.0

Repair dwelling units by replacing kitchen wall and base cabinets, countertops, stainless steel sinks, garbage disposal, rangehoods, bathtubs, showers, water closets, lavatories, towel bars, floor coverings and light fixtures. Work also includes installing dishwashers and associated electrical fixtures. Major M&R + PAC past 5 years: None.

Tripler Army Medical Center (PN 45458)	49	1973	33.7	1,059	51,877	1,650.0	0.0

Repair dwelling units by replacing kitchen wall and base cabinets, countertops, stainless steel sinks, garbage disposal, rangehoods, bathtubs, showers, water closets, lavatories, towel bars, floor coverings and light fixtures. Work also includes installing dishwashers and associated electrical fixtures. Major M&R + PAC past 5 years: None.

ILLINOIS

Rock Island Arsenal Historical (PN 44587)	4	1889	55.0	2,292	9,166	220.0	0.0

Repair dwelling units, Building 360, by replacing the electrical system to include weather heads, meters, load center, wiring, receptacles, and switches. The existing systems are old and failing and will be brought up to current standards. Major M&R + PAC past 5 years: $71,864, which equates to $17,966 per dwelling unit over the past 5 years.

KANSAS

Fort Leavenworth Historical (PN 45375)	166	1838 & 1910	24.4	3,059	507,785	4,050.0	0.0

Repair dwelling units by removal and replacement of windows, paint stripping, window components, sash cords, counterbalances, paint window surfaces and reinstall windows. Major M&R + PAC past 5 years: None.

1. COMPONENT ARMY	FY 1996 MILITARY CONSTRUCTION PROJECT DATA	2. DATE February 1995

3. INSTALLATION AND LOCATION

Various Locations - Continental

4. PROJECT TITLE	5. PROJECT NUMBER
Army Family Housing Maintenance and Repair Projects over $15,000 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
NEW JERSEY							
Fort Monmouth (PN 39097)	1	1948	30.0	1,076	1,076	30.0	0.0

Repair dwelling unit by the replacement of kitchen components to include flooring. Bathroom repairs include the replacement of bath components to include ceramic wall and floor tile. Work includes repair/replace gypsum wallboard and repaint. Major M&R + PAC past 5 years: None.

Fort Monmouth (PN 40557)	1	1957	40.0	1,163	1,163	40.0	0.0

Repair dwelling unit by replacing drywall ceilings, prime and paint. Repair by replacing the floor, floor covering, doors, and windows. Major M&R + PAC past 5 years: None.

Picatinny Arsenal (PN 44565)	5	1880 - 1939	24.0	1,932	9,658	120.0	0.0

Repair dwelling units by replacing current windows and doors with components that are vinyl clad. Window glass will be thermopane for energy efficiency. Major M&R + PAC past five years: None.

Picatinny Arsenal (PN 44567)	1	1945	20.0	3,000	3,000	20.0	0.0

Repair dwelling unit by the replacement of all kitchen components to include cabinets, sink and components, countertop, light fixtures, and floor covering. Work includes the repair/replacement of gypsum wallboard and repaint. Major M&R + PAC past 5 years: None.

Picatinny Arsenal (PN 44571)	5	1937 - 1939	28.0	2,034	10,168	140.0	0.0

Repair dwelling units by replacing current windows and doors with components that are vinyl clad. Window glass will be thermopane for energy efficiency. Major M&R + PAC past five years: None.

Picatinny Arsenal PN 44572)	6	1936 - 1939	23.3	1,885	11,311	140.0	0.0

Repair dwelling units by replacing current windows and doors with components that are vinyl clad. Window glass will be thermopane for energy efficiency. Major M&R + PAC past five years: None.

1. COMPONENT ARMY	FY 1996 MILITARY CONSTRUCTION PROJECT DATA	2. DATE February 1995

3. INSTALLATION AND LOCATION

Various Locations - Continental

4. PROJECT TITLE	5. PROJECT NUMBER
Army Family Housing Maintenance and Repair Projects over $15,000 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
NEW YORK							
United States Military Academy Historical (PN 45035	28	1932	35.1	3,400	95,200	983.0	0.0

Repair exteriors of dwelling units by repointing brick work, replacement of spalled brick, repair/replacement of metal roofs, removal of all vegetation from exterior of units, surface preparation and painting of all wood trim which includes the abatement of any lead-based paint, and repair/replacement of exterior doors, windows, and garage doors. Major M&R + PAC past 5 years:

NORTH CAROLINA							
Fort Bragg (PN 45352)	96	1929 - 1932	103.1	1,966	188,700	9,900.0	0.0

Repair dwelling units by renovating the bathrooms, replacing of bath components, replace all interior and exterior doors, refinish hardwood floors, replace floor coverings, upgrade electrical system, clean stucco on units and garages, replace garage doors, remove underground storage tanks, repair basement, and removal of asbestos and lead-based paint. Major M&R + PAC past 5 years: None.

Fort Bragg (PN 45353)	50	1958 - 1960	27.0	1,476	73,780	1,350.0	0.0

Repair dwelling units by renovating the bathrooms, replacing of bath components, replace all interior and exterior doors, floor coverings, upgrade electrical system, repair carport and storage sheds, and removal of asbestos and lead-based paint. Major M&R + PAC past 5 years: $740,000, which equates to $14,800 per dwelling unit over the 5 year period.

Fort Bragg (PN 45355)	150	1974	34.7	1,070	160,500	5,200.0	0.0

Repair dwelling units by renovating kitchens and bathrooms to include the replacement of plumbing, fixtures, windows, all interior and exterior doors, insulation, water heater, floor coverings, upgrade electrical systems including fixtures, and removal of asbestos and lead-based paint. Major M&R + PAC past 5 years: $2,080,430, which equates to $13,870 per dwelling unit over the 5 year period.

Fort Bragg (PN 45356)	156	1975 - 1976	36.5	1,417	216,840	5,700.0	0.0

Repair dwelling units by renovating kitchens and bathrooms to include the replacement of plumbing, fixtures, windows, all interior and exterior doors, insulation, water heater, floor coverings, upgrade electrical systems including fixtures, and removal of asbestos and lead-based paint. Major M&R + PAC past 5 years: $1,308,770, which equates to $8,390 per dwelling unit over the 5 year period.

1. COMPONENT	FY 1996 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
ARMY		February 1995

3. INSTALLATION AND LOCATION

Various Locations - Continental

4. PROJECT TITLE	5. PROJECT NUMBER
Army Family Housing Maintenance and Repair Projects over $15,000 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 Bragg (PN 45357)	184	1975 - 1976	35.3	1,430	263,040	6,500.0	0.0

Repair dwelling units by renovating kitchens and bathrooms to include the replacement of plumbing, fixtures, windows, all interior and exterior doors, insulation, water heater, upgrade electrical systems including fixtures, refinish hardwood floors and replace floor coverings, and removal of asbestos and lead-based paint. Major M&R + PAC past 5 years: None

Fort Bragg (PN 45358)	136	1975 - 1976	39.0	1,676	227,936	5,300.0	0.0

Repair dwelling units by renovating kitchens and bathrooms to include the replacement of plumbing, fixtures, windows, all interior and exterior doors, insulation, water heater, upgrade electrical systems including fixtures, refinish hardwood floors and replace floor coverings, and removal of asbestos and lead-based paint. Major M&R + PAC past 5 years: None

Sunny Point Military Ocean Terminal (PN 45478)	4	1955	28.8	1,316	5,262	115.0	0.0

Repair dwelling units by replacing all windows, screens, exterior doors, vinyl siding, and replace doors on storage sheds. Major M&R + PAC past 5 years: $59,200, which equates to $14,800 per dwelling unit over the past 5 years.

Sunny Point Military Ocean Terminal Historical (PN 45480)	1	1809	90.0	4,348	4,348	90.0	0.0

Repair dwelling unit by replacing all windows, screens, exterior doors, and repoint and repair brick work. This unit has 34 windows, which will be triple glazed and argon filled, and 9 exterior doors. Major M&R + PAC past 5 years: $8,600.

TEXAS

Fort Hood (PN 45471)	1,000	1973	21.0	1,048	1,048,497	21,000.0	0.0

Repair dwelling units by replacing failed heating, ventilating, air conditioning systems, replace kitchen cabinets, sink, countertops, range hoods, bath cabinets and vanities, windows, screens, sills, bi-fold doors, exterior stairs and balconies. Major M&R + PAC past 5 years: $2,995,300, which equates to $2,995 per dwelling unit over the 5 year period.

1. COMPONENT ARMY	FY 1996 MILITARY CONSTRUCTION PROJECT DATA	2. DATE February 1995

3. INSTALLATION AND LOCATION

Various Locations - Continental

4. PROJECT TITLE	5. PROJECT NUMBER
Army Family Housing Maintenance and Repair Projects over $15,000 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
Red River Army Depot (PN 45516)	1	1945	32.0	4,103	4,103	32.0	0.0

Repair dwelling unit by replacing the failing chilled water system. Repairs include replacing overhead chilled water pipes, water damaged drywall, and paint as required. Major M&R + PAC past 5 years: $49,873.

OKLAHOMA

Fort Sill Historical (PN 44469)	1	1870	40.0	4,213	4,213	40.0	0.0

Repair dwelling unit, Quarters 423, by replacing the deteriorated roof structure which encompasses 8,500 square feet of surface area. Work includes the replacement of rotted shingles, roof decking, and structural members. Major M&R + PAC past 5 years: None.

VIRGINIA

Fort Monroe Historical (PN 43959)	14	1890 - 1894	31.4	3,466	48,520	440.0	0.0

Repair dwelling units to include the replacement of brick foundation walls, structural lintels, and metal exhaust duct chimneys for the gas hot water heaters. Major M&R + PAC past 5 years: $52,875.00, which equates to $3,777.00 per dwelling unit over the 5 year period.

Fort Monroe Historical (PN 45409)	8	1878 - 1980	56.3	3,544	28,352	450.0	0.0

Repair dwelling units by replacing the existing asbestos siding with an appropriate siding that will maintain the historic integrity of the quarters. Major M&R + PAC past 5 years: None.

Fort Monroe Historical (PN 45412	1	1884	20.0	3,486	3,486	20.0	0.0

Repair dwelling unit's garage and storage shed with appropriate materials that will maintain the historic integrity of the structure. Major M&R + PAC past 5 years: None.

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3. INSTALLATION AND LOCATION

Various Locations - Continental

4. PROJECT TITLE	5. PROJECT NUMBER
Army Family Housing Maintenance and Repair Projects over $15,000 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
KOREA							
Camp Walker (PN 39252)	9	1959	22.2	1,766	15,892	200.0	0.0

Repair dwelling unit by renovating the bathrooms. Work includes the replacement of ceramic floor and wall tiles, gypsum board ceiling, insulation, vapor barrier, bath fixtures, vanity, sanitary and electrical system, and paint as required. Major M&R + PAC past 5 years: None.

Pusan (PN 45444)	16	1961	75.0	1,676	26,820	1,200.0	0.0

Repair dwelling unit by renovating the interiors of the units. Work includes the repair/replacement of walls, ceilings, flooring and coverings, vanity cabinets, interior doors, insulation, and electrical, mechanical and sanitary systems to include fixtures. Major M&R + PAC past 5 years: None.

Yong San (PN 45481)	8	1962	150.0	1,693	13,544	1,200.0	0.0

Repair dwelling units by the removal and replacement of the main support beams, walls, ceiling, flooring and coverings, insulation, and mechanical, electrical and sanitary systems. Exterior work includes the repair/replacement of eaves, gutters, downspouts, and splash blocks. Major M&R + PAC past 5 years: None.

Yong San (PN 45484)	12	1962	150.0	1,693	20,316	1,800.0	0.0

Repair dwelling units by the removal and replacement of the main support beams, walls, ceiling, flooring and coverings, insulation, and mechanical, electrical and sanitary systems. Exterior work includes the repair/replacement of eaves, gutters, downspouts, and splash blocks. Major M&R + PAC past 5 years: None.

Yong San (PN 45485)	25	1958 - 1959	28.8	1,932	48,303	720.0	0.0

Repair dwelling units by the relocation and replacement of the warm air furnace and hot water heater. Work also includes replacement of walls, ceiling, insulation, electrical and plumbing systems, and painting as required. Major M&R + PAC past 5 years: $16,649, which equates to $666 per dwelling unit over the 5 year period.

Yong San (PN 43358)	25	1958 - 1960	24.0	1,874	46,851	600.0	0.0

Repair dwelling units by the relocation and replacement of the warm air furnace and hot water heater. Work also includes replacement of walls, ceiling, insulation, electrical and plumbing systems, and painting as required. Major M&R + PAC past 5 years: $16,649, which equates to $666 per dwelling unit over the 5 year period.

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ARMY FAMILY HOUSING
FY 1996 BUDGET ESTIMATES

GENERAL/FLAG OFFICER QUARTERS (GFOQs) WHERE ANTICIPATED MAINTENANCE AND REPAIR OBLIGATIONS WILL EXCEED $25,000 PER DWELLING UNIT

This information is provided in accordance with the reporting requirement as stated in the Military Construction Appropriations Bill Report 103-516, May 19, 1994. This report provides information regarding the anticipated costs for those GFOQs where maintenance and repair obligations in FY 96 are expected to exceed $25,000 per dwelling unit. Annual lease costs are separately identified, where applicable. Maintenance and repairs include recurring work (service calls, preventive maintenance, and routine work between occupancy), as well as major repairs. In those quarters designated as historical, major work is coordinated with the appropriate State Historic Preservation office. Improvements (post acquisition construction funding) are identified separately if they are proposed to be funded in FY 96. Leased quarters exceeding $20,000, as adjusted by the FY 88 foreign currency exchange rate, are included in the Army's high cost lease authority in accordance with Military Construction Authorization Law. A semi-annual report is submitted to Congress. Post-acquisition Construction for prior five years is identified separately, as applicable.

ARMY FAMILY HOUSING
FY 1996 BUDGET ESTIMATES
GENERAL/FLAG OFFICER QUARTERS (GFOQs)
(continued)

STATE INSTALLATION QTRS NO.	NET SQUARE FOOTAGE	HIS-TORIC	YEAR BUILT	MAINT & REPAIRS	LEASE	NEW WORK
DISTRICT OF COLUMBIA						
Fort McNair						
* **6 Second Ave**	**3,184**	**yes**	**1903**	**$33,000**	-	-

Maintenance and repairs include service calls - $7,000; routine maintenance and change of occupancy maintenance - $10,000; repainting of interior to include surface preparation and plaster repair - $16,000.

* **9 Second Ave**	**4,278**	**yes**	**1903**	**$31,000**	-	-

Maintenance and repairs include service calls - $5,000; routine maintenance and change of occupancy maintenance - $7,000; repainting of interior to include surface preparation and plaster repair - $16,000; insulation of attic - $3,000.

(PN 44529)						
14 Second Ave	**3,169**	**yes**	**1903**	**$125,000**	-	-

Maintenance and repairs include service calls - $5,000; routine maintenance and change of occupancy maintenance - $7,000; major renovation and repair project includes stripping, preparing, repainting and refinishing of all interior trim/walls and ceilings - $11,000; upgrade of interior electrical wiring - $13,000; upgrade kitchen and bathroom - $17,000; replacement of front roof facia - $1,600; exterior window repairs - $5,400; replace chiller - $20,000; repair plumbing - $4,000; repair floors and interior doors - $6,000; exterior stair/wall replacement - $9,000; contingency and overhead cost - $26,000.

* **21-2 Third**	**2,473**	**yes**	**1903**	**$29,000**	-	-

Maintenance and repairs include service calls - $5,000; routine maintenance and change of occupancy maintenance - $7,000; interior painting - $8,000; exterior painting - $9,000.

ARMY FAMILY HOUSING
FY 1995 BUDGET ESTIMATES
GENERAL/FLAG OFFICER QUARTERS (GFOQs)
(continued)

STATE INSTALLATION QTRS NO.	NET SQUARE FOOTAGE	HIS-TORIC	YEAR BUILT	MAINT & REPAIRS	LEASE	NEW WORK
HAWAII						
Fort Shafter						
(PN 44626)						
16 Palm Cir	2,737	yes	1907	$112,300	-	-

Maintenance and repairs include service calls - $3,000; routine maintenance and change of occupancy maintenance - $15,000; interior painting - $7,000; exterior pavement/sidewalk repairs - $15,000; asbestos abatement - $8,000; repair/replace the interior plumbing - $17,500; electrical repairs - $21,600; interior repairs - $17,900; design cost associated with interior electrical/plumbing repair contract - $7,300.

NEW YORK							
West Point							
* 100 Jefferson	10,558	yes	1820	$35,400	-	-

Maintenance and repairs include service calls - $3,300; routine maintenance and change of occupancy maintenance - $11,600; interior painting - $15,000; driveway repairs and grounds maintenance - $4,500; wall covering - $1,000.

OKLAHOMA						
Fort Sill						
(PN 44262)						
422 Hamilton	5,001	yes	1870	$51,800	-	-

Maintenance and repairs include service calls - $700; routine and recurring maintenance - $3,800; replace deteriorated wood roof - $40,000; grounds maintenance - $7,300.

ARMY FAMILY HOUSING
FY 1996 BUDGET ESTIMATES
GENERAL/FLAG OFFICER QUARTERS (GFOQs)
(continued)

STATE INSTALLATION QTRS NO.	NET SQUARE FOOTAGE	HIS-TORIC	YEAR BUILT	MAINT & REPAIRS	LEASE	NEW WORK
TEXAS						
Fort Sam Houston						
(PN 44453/44585)						
3 Staff Post	**3,749**	**yes**	**1881**	**$184,510**	**-**	**-**

Maintenance and repairs include service calls - $2,700; routine maintenance and change of occupancy maintenance - $8,250; major renovation and repair project to include repair of plumbing - $10,200; ground fault interrupter installation - $3,500; interior electrical repairs - $25,000; renovation of kitchen - $30,000; renovation of bathrooms - $25,000; restore large pocket doors in living/dining rooms - $5,000; stripping of interior paint - $8,000; stain and varnish interior wood - $10,000; replace standing seam metal roof and masonry restoration - $32,800; repair exterior utilities - $1,350; grounds maintenance - $1,310; contingency and overhead costs - $21,400.

*	**8 Staff Post**	**3,749**	**yes**	**1881**	**$42,509**	**-**	**-**

Maintenance and repairs include service calls - $2,700; routine and recurring maintenance - $1,650; replace standing seam metal roof and masonry restoration - $32,800; M&R exterior utilities - $1,350; grounds maintenance - $1,259; install privacy screen - $2,750.

VIRGINIA						
Fort Belvoir						
(PN 35451)						
1 Fairfax	**3,809**	**yes**	**1935**	**$76,227**	**-**	**-**

Maintenance and repairs include service calls - $4,000; routine maintenance and change of occupancy maintenance - $16,227; repair/replace slate tile roof - $56,000.

ARMY FAMILY HOUSING
FY 1996 BUDGET ESTIMATES
GENERAL/FLAG OFFICER QUARTERS (GFOQs)
(continued)

STATE INSTALLATION QTRS NO.	NET SQUARE FOOTAGE	HIS-TORIC	YEAR BUILT	MAINT & REPAIRS	LEASE	NEW WORK
VIRGINIA (cont'd)						
Fort Belvoir (cont'd)						
* 6 Fairfax	1,847	yes	1935	$31,000	-	-
* 7 Woodlawn	2,035	yes	1935	$31,000	-	-

Maintenance and repairs include service calls - $1,200; routine maintenance and change of occupancy maintenance - $10,300; repair main bathroom - $8,000; repair master bathroom - $8,000; repair/refuse wall - $1,000; repair exterior doors - $2,500.

* 8 Woodlawn	2,035	yes	1935	$27,500	-	-

Maintenance and repairs include service calls - $1,200; routine maintenance and change of occupancy maintenance - $10,300; asbestos abatement - $7,500; repair of exterior doors - $2,500; replace furnace - $6,000.

* 14 Woodlawn	2,168	yes	1934	$30,800	-	-

Maintenance and repairs include service calls - $2,000; routine maintenance and change of occupancy maintenance - $10,300; repair master bathroom - $8,000; repair of exterior doors - $2,500; repair main bathroom - $8,000.

* 18 Woodlawn	2,168	yes	1934	$26,000	-	-

Maintenance and repairs include service calls - $1,200; routine maintenance and change of occupancy maintenance - $10,300; asbestos abatement - $7,500; replace furnace - $6,000; replace hot water heater - $1,000.

* 60 Fairfax	2,168	yes	1934	$28,000	-	-

Maintenance and repairs include service calls - $1,200; routine and recurring maintenance - $10,300; replace condensing unit - $3,000; repair driveway - $5,000; repair exterior doors - $2,500; replace furnace - $6,000.

ARMY FAMILY HOUSING
FY 1996 BUDGET ESTIMATES
GENERAL/FLAG OFFICER QUARTERS (GFOQs)
(continued)

STATE INSTALLATION QTRS NO.	NET SQUARE FOOTAGE	HIS-TORIC	YEAR BUILT	MAINT & REPAIRS	LEASE	NEW WORK
VIRGINIA (cont'd)						
Fort Myer (cont'd)						
1 Wash Ave	**8,460**	**yes**	**1899**	**$26,000**	-	-

Maintenance and repairs include service calls - $4,000; routine and recurring maintenance - $7,000; exterior painting - $15,000.

*	**5 Grant Ave**	**3,405**	**yes**	**1903**	**$37,000**	-	-

Maintenance and repairs include service calls - $7,000; routine maintenance and change of occupancy maintenance - $10,000; repainting of interior to include surface preparation and plaster repair - $20,000.

*	**6 Grant Ave**	**7,365**	**yes**	**1908**	**$33,000**	-	-

Maintenance and repairs include service calls - $6,000; routine and recurring maintenance - $7,000; exterior painting - $20,000.

	(PN 42637)						
*	**11A Jackson Ave**	**2,742**	**yes**	**1892**	**$34,000**	-	-

Maintenance and repairs include service calls - $4,000; routine and recurring maintenance - $6,000; historical renovation for exterior includes foundation repair/waterproofing; exterior window/wall repairs; and roof repairs - $24,000.

ARMY FAMILY HOUSING
FY 1996 BUDGET ESTIMATES
GENERAL/FLAG OFFICER QUARTERS (GFOQs)
(continued)

STATE INSTALLATION QTRS NO.	NET SQUARE FOOTAGE	HIS-TORIC	YEAR BUILT	MAINT & REPAIRS	LEASE	NEW WORK
VIRGINIA (cont'd)						
Fort Myer (cont'd)						
(PN 42637)						
11B Jackson Ave	**2,951**	**yes**	**1892**	**$108,800**	-	-

Maintenance and repairs include service calls - $4,000; routine maintenance and change of occupancy maintenance - $6,000; major renovation and repair project to include window restoration - $10,000; replacement of screens with storm windows - $5,000; stripping, preparing, repainting of interior walls, ceilings, and trim - $12,400; repair plumbing - $3,800; replace HVAC - $16,000; repair interior wiring - $15,400; foundation repairs/ waterproofing - $13,000; contingency and overhead contract costs - $23,200.

NOTE: This unit will serve as a prototype for methodical programming of similar future preservation work.

*	**12B Jackson Ave**	**2,774**	**yes**	**1892**	**$28,000**	-	-

Maintenance and repairs include service calls - $6,000; routine maintenance and change of occupancy maintenance - $9,000; interior painting - $10,000; attic insulation - $3,000.

*	**15A Jackson Ave**	**2,535**	**yes**	**1908**	**$46,000**	-	-

Maintenance and repairs include service calls - $5,000; routine maintenance and change of occupancy maintenance - $7,000; interior painting - $10,000; renovation of guest bathroom - $12,000; replacement of fan coil units - $6,000; replacement of water chiller - $3,000; insulation of attic - $3,000.

*	**21A Lee Ave**	**2,484**	**yes**	**1932**	**$37,000**	-	-

Maintenance and repairs include service calls - $5,000; routine maintenance and change of occupancy maintenance - $10,000; interior painting - $10,000; renovation of guest bathroom - $12,000.

ARMY FAMILY HOUSING
FY 1996 BUDGET ESTIMATES
GENERAL/FLAG OFFICER QUARTERS (GFOQs)
(continued)

STATE INSTALLATION QTRS NO.	NET SQUARE FOOTAGE	HIS-TORIC	YEAR BUILT	MAINT & REPAIRS	LEASE	NEW WORK
VIRGINIA (cont'd)						
Fort Myer (cont'd)						
* **22B Lee Ave**	**1,871**	**yes**	**1896**	**$36,000**	-	-

Maintenance and repairs include service calls - $5,000; routine maintenance and change of occupancy maintenance - $10,000; interior painting - $10,000; exterior painting - $8,000; insulation of attic - $3,000.

* **27A Lee Ave**	**3,715**	**yes**	**1903**	**$31,000**	-	-

Maintenance and repairs include service calls - $5,000; routine maintenance and change of occupancy maintenance - $10,000; interior painting - $6,000; exterior painting - $10,000.

GERMANY ($/DM 1.57)						
Heidelberg						
(PN 35077)						
26 San Jacinto	**3,218**	**no**	**1956**	**$133,437**	-	-

Maintenance and repairs include service calls - $876; routine and recurring maintenance - $1,096; major repair project includes replacement of electrical system, kitchen repairs and renovation, sanitary sewer replacement, replacement of water pipes, plaster and masonry repairs, interior painting of all required and renovated surfaces, floor and wall repairs and structural repairs - $131,465.

ARMY FAMILY HOUSING
FY 1996 BUDGET ESTIMATES
REIMBURSABLE AUTHORITY

	($ In Thousands)
FY 1996 Program	24,000
FY 1995 Program	21,000

The reimbursable program provides for the collection of costs for utilities and services, annual routine maintenance and repair, rents associated with the use of government housing and trailer pads by authorized occupants, and damages caused by occupant negligence. A new initiative is being pursued to house civilians in excess units in USAREUR on a reimbursable basis. This initiative will require additional collection authority.

The following chart shows the source of receipts for the family housing account.

	FY 94	FY 95	FY 96
Non-Federal Sources	16,800	16,800	18,800
Non-Defense Agencies	4,200	4,200	5,200

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ARMY FAMILY HOUSING
FY 1996 BUDGET ESTIMATES
LEASING PROGRAM

($ In Thousands)	
FY 1996 Program	243,840
FY 1995 Program	234,441

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 is used as authorized by 10 U.S.C. 2828 and provides for the payment of rent, operation, and maintenance costs of privately owned quarters for assignment as government quarters to military families. This 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 the private sector rental markets cannot meet requirements and cost effective alternatives do not exist, short and long-term leases are utilized. In high cost areas and overseas, the Army relies extensively on the leasing program to obtain housing at prices service members can afford.

PROGRAM SUMMARY

Authorization is requested for the appropriation of $243,840,000 to fund leases and related expenses in FY 96. A summary of the leasing program follows:

	FY 94		FY 95		FY 96	
	Leases Supported	Cost $000	Leases Supported	Cost $000	Leases Supported	Cost $000
Domestic Leases	445	3,474	285	3,795	180	2,345
Section 2835	4,280	57,650	4,280	58,605	4,080	57,717
Foreign Leases	14,100	201,266	11,680	172,041	12,005	183,778
TOTAL	18,825	262,390	16,245	234,441	16,265	243,840

Funds are required for the average number of units to be occupied during each fiscal year (determined by dividing by 12 the number of lease months occupied) as follows:

	Average No. of Units FY 94	Average No. of Units FY 95	Average No. of Units FY 96
Domestic	445	285	180
Section 2835	4,280	4,280	4,080
Foreign	10,678	8,902	8,997
GRHP	3,422	2,778	3,008
TOTAL	18,825	16,245	16,265

JUSTIFICATION:

Domestic Leasing: The domestic leasing program provides temporary housing for Army families pending availability of permanent housing. For example, leases in the Los Angeles area alleviate the excessive out-of-pocket expense for personnel assigned to this high cost area, and Ft. Huachuca is providing much needed three bedroom housing to offset the scarcity in the local community.

Section 2835: The Army has implemented the domestic build-to-lease program at seven installations. Under this program the Army leases family housing units from a contractor for up to 20 years. The units are then assigned as military housing to soldiers and their families. This program is helping to reduce our CONUS family housing deficit at sites where Army families are the most seriously affected by housing shortages. Funds are requested to continue payment of lease costs and operation and maintenance expenses. FY 96 budget will support 4,080 occupied units.

Foreign Leasing: The FY 96 foreign leasing program request consists of 12,005 foreign leases, to include 3,008 units for the Government Rental Housing Program (GRHP) in the European Theater. The majority of foreign leases are in Germany. The currency rate is 1.57DM = $1.00. Funding request includes buy-out costs for early termination of build-to-lease contracts caused by the overseas draw down.

Governmental Rental Housing Program (GRHP): Under GRHP, the U.S. Government leases existing individual housing units in Europe. There is no construction period as with the build-to-lease projects. The Army negotiates, executes and manages the lease contracts; assuming responsibility for all costs (deposits, rent, utilities, maintenance and services); and paying for damage claims (Army recovering from soldiers). The soldier forfeits all housing allowances and agrees to occupy off-post housing for the entire tour. The lease is terminated when the soldier's tour ends. This program allows soldiers to be housed quickly, without large out-of-pocket expenses. There are no early termination costs.

RECONCILIATION OF INCREASES AND DECREASES

	($M)
FY 94 OBLIGATIONS	**$262.4**
Program Decreases/Increases	-28.0
Domestic Leases (+1.1)	
Foreign Leases (-29.1)	
FY 95 CURRENT ESTIMATE	**$234.4**
Program Decreases/Increases	+ 9.4
Domestic Leases (-2.4)	
Foreign Leases (+11.8)	
FY 96 BUDGET REQUEST	**$243.8**

Rationale for Changes in the Leasing Account

Program decreases reflect the impact of troop reductions and realignments.

The types of Army family housing used in each locality depend upon available assets, often a mix of private rentals, government-owned, and leases; therefore, full authorization is required to allow for sufficient flexibility.

The following is a summary of authorizations and funds required:

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ARMY FAMILY HOUSING
FISCAL YEAR 1996
LEASING PROGRAM

February 1995

	FY 94			FY 95			FY 96		
	Units Supported	Months Purchsd	($000)	Units Supported	Months Purchsd	($000)	Units Supported	Months Purchsd	($000)
DOMESTIC LEASING									
Ft Campbell, KY	75	900	1,020	0	0	0	0	0	0
Ft Hood, TX	0	0	0	0	0	0	0	0	0
Ft. Lewis(LA)	70	840	851	75	900	1,145	80	960	1,195
Oahu Consol FH Ofc,HI	200	2,400	840	110	1,320	1,500	0	0	0
Ft. Huachuca, AZ	100	1,200	763	100	1,200	1,150	100	1,200	1,150
Contingency Allocations	0	0	0	0	0	0	0	0	0
Subtotal Domestic Leasing	445	5,340	3,474	285	3,420	3,795	180	2,160	2,345
Section 2835 (801)	4,280	51,360	57,650	4,280	51,360	58,605	4,080	48,960	57,717
Total Domestic Leasing	4,725	56,700	61,124	4,565	54,780	62,400	4,260	51,120	60,062
FOREIGN LEASING									
EUSA									
Korea	1,254	15,048	19,020	1,254	15,048	22,672	1,254	15,048	15,524
USARSO									
Panama	70	840	930	69	828	764	69	828	764
USAREUR									
Belgium/Netherlands	285	3,420	3,947	603	7,236	7,538	489	5,868	5,856
Germany	8,110	97,320	116,264	6,347	76,164	92,228	6,526	78,312	93,694
Greece	0	0	0	0	0	0	0	0	0
Italy	700	8,400	9,694	573	6,876	7,570	603	7,236	21,810
Netherlands*	202	2,424	2,797	0	0	0	0	0	0
Turkey	11	132	152	10	120	190	10	120	190
Subtotal	9,308	111,696	132,854	7,533	90,396	107,526	7,628	91,536	121,550
Govt Rental Hsg Prgm, Eur	3,422	41,064	47,393	2,778	33,336	40,070	3,008	36,096	44,654
USAREUR Total	12,730	152,760	180,247	10,311	123,732	147,596	10,636	127,632	166,204

ARMY FAMILY HOUSING
FISCAL YEAR 1996
LEASING PROGRAM

February 1995

	FY 94			FY 95			FY 96		
	Units Supported	Months Purchsd	($000)	Units Supported	Months Purchsd	($000)	Units Supported	Months Purchsd	($000)
FOREIGN AREA OFFICERS									
Bangladesh	2	24	37	2	24	20	2	24	85
Botswana	1	12	26	1	12	31	1	12	40
Cameroon	2	24	44	1	12	37	1	12	42
China(Beijing)	1	12	60	1	12	45	1	12	45
Czech(Prague)	1	12	32	0	0	0	1	12	38
Egypt	2	24	40	2	24	35	2	24	51
Greece	0	0	0	1	12	12	1	12	24
Hungary(Budapest)	0	0	0	1	12	40	1	12	39
India	1	12	20	1	12	17	2	24	41
Indonesia	1	12	23	1	12	26	1	12	37
Israel	2	24	51	2	24	74	1	12	30
Ivory Coast	1	12	17	1	12	35	1	12	32
Jordan	3	36	60	2	24	20	4	48	120
Kazakhstan	0	0	0	1	12	40	1	12	38
Kenya	6	72	90	6	72	100	6	72	100
Korea	2	24	16	2	24	33	2	24	22
Kuwait	0	0	0	0	0	0	1	12	32
Malawi	1	12	34	1	12	34	1	12	28
Morocco	2	24	52	2	24	40	2	24	52
Netherlands	2	24	30	1	12	21	0	0	0
Niger	1	12	27	1	12	27	1	12	30
Pakistan	4	48	63	3	36	44	1	12	39
Poland	1	12	37	1	12	39	1	12	30
Portugal	1	12	11	0	0	0	1	12	18
Romania	1	12	8	1	12	37	1	12	23
Russia	0	0	0	0	0	0	1	12	20
Saudi Arabia (2yr lse)	1	12	167	1	12	0			
Senegal	0	0	0	1	12	40	1	12	33
Tunisia	1	12	15	1	12	5	1	12	3
Turkey	1	12	8	3	36	23	1	12	4
Ukraine	1	12	30	0	0	0	1	12	37
Yugoslavia	1	12	18	1	12	10	0	0	0
Zaire	2	24	40	1	12	25	1	12	42
Zimbabwe	1	12	13	1	12	25	1	12	33
Turkey(TRADOC LO)	0	0	0	1	12	42	1	12	46
Israel(TRADOC LO)	0	0	0	1	12	32	1	12	32
Foreign Area Officer Total	46	552	1,069	46	552	1,009	46	552	1,286
Total Foreign Leasing	14,100	169,200	201,266	11,680	140,160	172,041	12,005	144,060	183,778
TOTAL LEASING PROGRAM	18,825	225,900	262,390	16,245	194,940	234,441	16,265	195,180	243,840

February 1995

ARMY FAMILY HOUSING
FY 96 Section 2835 (801) Family Housing Summary
(Dollars in Thousands)

Location	No. of Units	FY of Initial Auth	Date of Award	Date of Full Occup	FY 94 Cost	FY 94/ FY 95 Units	FY 95 Cost	FY 96 Units	FY 96 Cost
Ft Polk, LA	300	84	Dec 85	Nov 87	2,832	300	2,781	300	2,795
Ft Hood, TX	300	84	Mar 86	Jun 88	2,512	300	2,623	300	2,644
Ft Drum NY	1,400	85	Aug 85	Dec 87	17,583	1,400	17,473	1,400	17,473
Ft Wainwright, AK	400	85	Jan 86	Oct 87	11,968	400	12,164	400	11,812
Ft Polk, LA	300	86	Sep 86	Jun 88	2,791	300	2,729	300	2,742
Ft Drum, NY	300	86	Sep 86	Jun 88	4,048	300	4,328	300	4,328
Ft Wainwright, AK	150	87	May 88	Nov 89	4,203	150	4,600	150	4,631
FT Drum, NY	300	87	May 88	May 89	4,080	300	4,254	300	4,254
Ft Bliss, TX	150	87	Sep 89	Jun 91	1,843	150	1,685	150	1,361
Ft Bliss, TX	150	88	Sep 89	Jun 91	1,843	150	1,685	150	1,361
Ft McCoy, WI	80	88	Sep 89	Feb 92	1,344	80	1,416	80	1,449
Ft Bragg, NC	250	88	Sep 91	May 93	2,603	250	2,867	250	2,867
Ft Stewart, GA	200	88	Sep 91	Dec 94	0	200	0	0	0
TOTAL	4,280	NA	NA	NA	57,650	4,280	58,605	4,080	57,717

ARMY FAMILY HOUSING
FY 96 Summary Sheet for High Cost Leases

February 1995

COUNTRY	LEASES	HIGH COST LEASES	FOREIGN CURRENCY	FY88	FY96	ADJUSTED** FY 96 CAP
Belgium	276	14	Franc	42.770	32.410	$26,393
Germany	9,002	1	Deutsche Mark	2.060	1.570	$26,242
Italy	967	2	Lira	1423.000	1617.500	$17,595
Ivory Coast	1	1	Central	291.000	296.000 *	$19,662
Netherlands	391	3	Guilder	2.330	1.760	$26,477

*Source of rate information – Department of State.
** The adjusted high cost cap is determined by multiplying $20K times the FY 88 exchange rate divided by the FY 95 exchange rate. Leases exceeding this cap are counted against the number of high cost leases allowed.

ARMY FAMILY HOUSING
FY 1996 BUDGET ESTIMATES
DEBT PAYMENT

	($ In Thousands)
FY 1996 Program	11
FY 1995 Program	11

PURPOSE AND SCOPE

This program includes payment of Servicemen's Mortgage Insurance Premiums to FHA for mortgages assumed by active military personnel for housing purchased by them.

PROGRAM SUMMARY

Authorization is required for the appropriation of $11,000 in FY 1996.

JUSTIFICATION

WHERRY HOUSING

This program was completely paid off in Fiscal Year 1994.

SERVICEMEN'S MORTGAGE INSURANCE PREMIUMS

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 serviceman dies while on active duty and leaves a surviving widow as owner of the property. Payments extend for a period of two years after death or until the widow 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 covered prior to FY 1980.

ARMY FAMILY HOUSING
FY 1996 BUDGET ESTIMATES
DEBT PAYMENT

TOA:	FY 94	FY 95	FY 96
Interest and Other Expenses			
Wherry	6	0	0
SUBTOTAL	6	0	0
Mortgage Insurance Premiums			
Servicemen's	11	11	11
SUBTOTAL			
Total Obligating Authority	17	11	11
FINANCING ADJUSTMENTS:	0	0	0
BUDGET AUTHORITY:	17	11	11
BUDGET AUTHORITY:			
Appropriation:	429	0	0
Portion Applied to Debt Reduction:			
Wherry	412	0	0
SUBTOTAL	412	0	0
Appropriation (Adjusted)	17	11	11

FY 1996
Appropriation Recapitulation

Wherry	0
Servicemen's Mortgage Insurance Premiums	11
TOTAL	11

ARMY FAMILY HOUSING
FY 1996 BUDGET ESTIMATES
ANALYSIS OF WHERRY HOUSING
($000)

	FY 94	FY 95	FY 96
Total Debt Incurred	154,892	154,892	154,892
Debt retired prior years	154,480	154,892	154,892
Unpaid balance beginning of year	412	0	0
Estimated Debt retired during year (principal payments)	412	0	0
Estimated interest payments during year	6	0	0
Unpaid balance end of year	0	0	0
Number of mortgages outstanding beginning of year	1	0	0
Number of mortgages outstanding end of year	0	0	0

ARMY FAMILY HOUSING
FY 1996 BUDGET ESTIMATES
DEBT PAYMENT
SERVICEMEN'S MORTGAGE INSURANCE PREMIUMS

($000)

FISCAL YEAR	MORTGAGES ON HAND	ESTIMATED TERMINATIONS	ESTIMATED AVERAGE PAYMENT	ESTIMATED PAYMENT FOR YEAR
1994	57	26	193	11
1995	31	10	354	11
1996	21	10	524	11

PART III: HOMEOWNERS ASSISTANCE FUND 1996

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PART III HOMEOWNERS ASSISTANCE

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February 1995

HOMEOWNERS ASSISTANCE FUND, DEFENSE
FY 1996 BUDGET ESTIMATE
SUMMARY

	(In Thousands)
FY 1994 Actual	$111,454
FY 1995 Estimate	$ -0-
FY 1996 Estimate	$ 75,586

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 market conditions 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. If the MIS demonstrates sufficient impact on the market and establishes a causal relationship, a program is approved. 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 dwelling by liquidating or assuming the outstanding mortgage. 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 1996 budget requests authorization of appropriation and appropriation in the amount of $75,586,000 to fund Homeowners Assistance Fund program expenses. Total program requirements for the FY 1996 program are estimated at $238,478,000 and will be funded with requested budget authority, revenue from sales of acquired properties, and prior year unobligated balances. Program increases are primarily the result of bases and installations approved for closure and realignment. Future base closure actions will continue to have a significant impact on this 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, 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 assumed the 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 are required to maintain its solvency as a revolving fund. The FY 1996 budget request of $75,586,000 is necessary to maintain the fund's solvency and fund FY 1996 program requirements.

February 1995

AUTHORIZATION AND
APPROPRIATION LANGUAGE
HOMEOWNERS ASSISTANCE FUND, DEFENSE
FY 1996

For use in the Homeowners Assistance Fund established pursuant to section 1013(d) of the Demonstration Cities and Metropolitan Development Act of 1966, as amended (42 U.S.C. 3374), [$0] **$75,586,000**, to remain available until expended.

The chart below is a summary of the funding for the FY 1994, FY 1995, FY 1996

PROGRAM FINANCIAL SUMMARY

HOMEOWNERS ASSISTANCE FUND, DEFENSE	ACTUAL FY 1994	FY 1995	FY 1996
I. PROGRAM RESOURCES			
New Appropriation Requested	151,400,000	0	75,586,000
Indefinite Borrowing Authority	0	0	0
Total Budget Authority Requested	151,400,000	0	75,586,000
II. REIMBURSABLE RESOURCES			
Reimbursable Authority	0	0	0
III. OTHER PROGRAM RESOURCES			
Prior FY Unobligated Balance Brought Forward	171,532,000	251,279,000	40,585,000
Anticipated Revenue from Sale of Real Property	35,584,000	91,490,000	122,307,000
Appropriation Transfers	0	0	0
Unobligated Balance Transferred to Others	0	(133,000,000)	0
Recovery of Prior Year Balances	4,217,000	0	0
IV. TOTAL PROGRAM RESOURCES	362,733,000	209,769,000	238,478,000
V. PLANNED PROGRAM EXECUTION			
Payments to Homeowners	5,154,000	10,640,000	23,862,000
Other Operating Cost	18,633,000	34,018,000	35,847,000
Acquisition of Real Property	87,667,000	124,526,000	178,769,000
Mortgages Assumed	0	0	0
Retirement of Debt – Authority Withdrawn	0	0	0
VI. TOTAL PLANNED PROGRAM EXPENSE	111,454,000	169,184,000	238,478,000
VII. ANTICIPATED EOY UNOBLIGATED			
Balance Carried Forward	251,279,000	40,585,000	0

Homeowners Asst Fund, Def. DEF ACCT SUMMARY
Program and Financing (in Thousands of dollars)

Identification code 97-4090-0-3-051		1994 actual	1995 est.	1996 est.
	Program by activities:			
	Direct program:			
	Operating expenses:			
01.0101	Payment to homeowners (private sale and foreclosure assistance)	5,154	10,640	23,862
01.0201	Other operating costs	18,633	34,018	35,847
01.9101	Total operating expenses	23,787	44,658	59,709
	Capital investment:			
02.0101	Acquisition of real property	87,667	124,526	178,769
10.0001	Total obligations	111,454	169,184	238,478
	Financing:			
	Offsetting collections from:			
14.0001	Non-Federal sources(-)	-35,584	-91,490	-122,307
17.0001	Recovery of prior year obligations	-4,217		
	Unobligated balance available, start of year:			
21.9001	Unobligated balance, SOY: Fund balance	-171,532	-251,279	-40,585
	Unobligated balance available, end of year:			
24.9001	Unobligated balance, EOY: Fund balance	251,279	40,585	
39.0001	Budget authority	151,400	-133,000	75,586
	Budget authority:			
40.0001	Appropriation	151,400		75,586
41.0001	Transferred to other accounts (-)*		-133,000	
43.0001	Appropriation (adjusted)	151,400	-133,000	75,586
	Relation of obligations to outlays:			
71.0001	Obligations incurred	75,870	77,694	116,171
72.1001	Receivables from other government accts, SOY	-31	-1,956	-80,409
72.9001	Obligated balance, start of year:Obligated balance, start of year, fun	12,298	17,255	65,000
74.1001	Receivables from other government accts, EOY	1,956	80,409	36,000
74.9001	Obligated balance, end of year:Obligated balance, end of year, fund ba	-17,255	-65,000	-62,071
77.0001	Adjustments in expired accounts (net)	-883		
78.0001	Adjustments in unexpired accounts	-4,217		
90.0001	Outlays (net)	67,738	108,402	74,691

Homeowners Asst Fund, Def. DEF ACCT SUMMARY
Object Classification (in Thousands of dollars)

Identification code 97-4090-0-3-051		1994 actual	1995 est.	1996 est.
	Direct obligations:			
	Personnel compensation:			
111.801	Special personal services payments	6,619	7,115	7,945
121.001	Travel and transportation of persons	370	567	587
	Other services with the private sector			
125.204	Other charges with the private sector	11,644	26,336	13,315
132.001	Land and structures	87,667	124,526	192,769
142.001	Insurance claims and indemnities	5,154	10,640	23,862
199.001	Total Direct obligations	111,454	169,184	238,478
999.901	Total obligations	111,454	169,184	238,478

Department of the Army

FY 1996/FY 1997 Biennial Budget Estimates

Military Construction, Family Housing & Homeowners Assistance

FY 1997

Justification Data Submitted to Congress
February 1995

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PART I: MILITARY CONSTRUCTION 1997

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DEPARTMENT OF THE ARMY
FISCAL YEAR 1997
MILITARY CONSTRUCTION (PART I)
(DOLLARS ARE IN THOUSANDS)
INSIDE THE UNITED STATES

STATE	PROJECT NUMBER	INSTALLATION (COMMAND) / PROJECT TITLE	AUTHORIZATION REQUEST	APPROPRIATION REQUEST	PAGE
California		Concord Naval Weapons Sta (MTMC)			3
	44171	Ammunition Pier	20,000	20,000	5
		Subtotal Concord Naval Weapons Sta PART I	$ 20,000	20,000	
		* TOTAL MCA FOR California	$ 20,000	20,000	
Colorado		Fort Carson (FORSCOM)			11
	944	Whole Barracks Complex Renewal	37,000	37,000	13
		Subtotal Fort Carson PART I	$ 37,000	37,000	
		* TOTAL MCA FOR Colorado	$ 37,000	37,000	
District of Columb		Fort McNair (MDW)			19
	45372	National Defense University Fac Phase II	6,900	6,900	21
		Subtotal Fort McNair PART I	$ 6,900	6,900	
		* TOTAL MCA FOR District of Columbia	$ 6,900	6,900	
Georgia		Fort Stewart (FORSCOM)			27
	42250	Close Combat Tactical Training Building	6,000	6,000	29
		Subtotal Fort Stewart PART I	$ 6,000	6,000	
		* TOTAL MCA FOR Georgia	$ 6,000	6,000	
Hawaii		Schofield Barracks (USARPAC)			35
	42470	Whole Barracks Complex Renewal	35,000	35,000	37
		Subtotal Schofield Barracks PART I	$ 35,000	35,000	
		* TOTAL MCA FOR Hawaii	$ 35,000	35,000	

DEPARTMENT OF THE ARMY
FISCAL YEAR 1997
MILITARY CONSTRUCTION (PART I)
(DOLLARS ARE IN THOUSANDS)
INSIDE THE UNITED STATES

STATE	PROJECT NUMBER	INSTALLATION (COMMAND) / PROJECT TITLE	AUTHORIZATION REQUEST	APPROPRIATION REQUEST	PAGE
Kansas		Fort Leavenworth (TRADOC)			43
	41069	US Disciplinary Barracks	58,900	58,900	45
		Subtotal Fort Leavenworth PART I	$ 58,900	58,900	
		* TOTAL MCA FOR Kansas	$ 58,900	58,900	
Texas		Fort Hood (FORSCOM)			51
	23646	Whole Barracks Complex Renewal	50,000	50,000	53
	40624	Close Combat Tactical Training Building II	5,900	5,900	57
		Subtotal Fort Hood PART I	$ 55,900	55,900	
		* TOTAL MCA FOR Texas	$ 55,900	55,900	
Virginia		Fort Eustis (TRADOC)			63
	35833	Whole Barracks Complex Renewal	12,000	12,000	65
		Subtotal Fort Eustis PART I	$ 12,000	12,000	
		* TOTAL MCA FOR Virginia	$ 12,000	12,000	
Washington		Fort Lewis (FORSCOM)			71
	41545	Whole Brigade Complex Renewal	75,000	75,000	73
	44426	Tank Trail Erosion Mitigation-Yakima	2,000	2,000	77
		Subtotal Fort Lewis PART I	$ 77,000	77,000	
		* TOTAL MCA FOR Washington	$ 77,000	77,000	
		** TOTAL INSIDE THE UNITED STATES FOR MCA	$ 308,700	308,700	

DEPARTMENT OF THE ARMY
FISCAL YEAR 1997
MILITARY CONSTRUCTION (PART I)
(DOLLARS ARE IN THOUSANDS)
OUTSIDE THE UNITED STATES

STATE	PROJECT NUMBER	INSTALLATION (COMMAND) / PROJECT TITLE	AUTHORIZATION REQUEST	APPROPRIATION REQUEST	PAGE
Korea		Korea Various (EUSA)			83
		Eastern Corridor			
		Combined Field Army			
	44591	Whole Barracks Complex Renewal	14,000	14,000	85
		Eastern Corridor			
	44592	Whole Barracks Complex Renewal	16,000	16,000	88
		Subtotal Korea Various PART I	$ 30,000	30,000	
		* TOTAL MCA FOR Korea	$ 30,000	30,000	
Overseas Various		Classified Location (FORVAR)			93
		Classified Location			
	23196	Strategic Logistical Prepo Complex Ph II	64,000	64,000	95
		Subtotal Classified Location PART I	$ 64,000	64,000	
		* TOTAL MCA FOR Overseas Various	$ 64,000	64,000	
** TOTAL OUTSIDE THE UNITED STATES FOR MCA			$ 94,000	94,000	

DEPARTMENT OF THE ARMY
FISCAL YEAR 1997
MILITARY CONSTRUCTION (PART I)
(DOLLARS ARE IN THOUSANDS)
WORLDWIDE

STATE	PROJECT NUMBER	INSTALLATION (COMMAND) / PROJECT TITLE	AUTHORIZATION REQUEST	APPROPRIATION REQUEST	PAGE
Worldwide Various		Minor Construction (MINEXG)			101
	34126	Unspecified Minor Construction	5,000	5,000	103
		Subtotal Minor Construction PART I	$ 5,000	5,000	
		Planning and Design (PLANDES)			105
	28535	Host Nation Support	20,000	20,000	107
	34128	Planning and Design	64,382	64,382	109
		Subtotal Planning and Design PART I	$ 84,382	84,382	
		* TOTAL MCA FOR Worldwide Various	$ 89,382	89,382	
** TOTAL WORLDWIDE FOR MCA			$ 89,382	89,382	
MILITARY CONSTRUCTION (PART I) TOTAL			$ 492,082	492,082	

FY 97 MCA Construction Projects

State	Location	Project	Cost ($000)	New/ Current
Inside The United States				
California	Concord Naval Weapons Sta	Ammunition Pier	20,000	C
Colorado	Fort Carson	Whole Barracks Complex Renewal	37,000	C
District of Columbia	Fort McNair	National Defense University Fac Phase II	6,900	N
Georgia	Fort Stewart	Close Combat Tactical Training Building	6,000	N
Hawaii	Schofield Barracks	Whole Barracks Complex Renewal	35,000	C
Kansas	Fort Leavenworth	US Disciplinary Barracks	58,900	C
Texas	Fort Hood	Whole Barracks Complex Renewal	50,000	C
Texas	Fort Hood	Close Combat Tactical Training Building II	5,900	N
Virginia	Fort Eustis	Whole Barracks Complex Renewal	12,000	C
Washington	Fort Lewis	Whole Brigade Complex Renewal	75,000	C
Washington	Fort Lewis	Tank Trail Erosion Mitigation-Yakima	2,000	N
Outside The United States				
Korea	Combined Field Army	Whole Barracks Complex Renewal	14,000	C
Korea	Eastern Corridor	Whole Barracks Complex Renewal	16,000	C
Overseas Various	Classified Location	Strategic Logistical Prepo Complex Ph II	64,000	N
Worldwide Various				
Worldwide Various	Minor Construction	Unspecified Minor Construction	5,000	
Worldwide Various	Planning and Design	Host Nation Support	20,000	
Worldwide Various	Planning and Design	Planning and Design	64,382	

Total Cost of New Mission projects	(5)	$	84,800
Total Cost of Current Mission projects	(9)	$	317,900
Total Cost of other line items	(3)	$	89,382
Total Cost of FY 97 MCA Projects	(17)	$	492,082

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DEPARTMENT OF THE ARMY

MILITARY CONSTRUCTION (PART I) FY 1997

INSTALLATION LIST

INSTALLATION	MACOM	1390 PAGE
C		
Fort Carson	FORSCOM	11
Classified Location	FORVAR	93
Concord Naval Weapons Sta	MTMC	3
E		
Fort Eustis	TRADOC	63
H		
Fort Hood	FORSCOM	51
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Korea Various	EUSA	83
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Fort Leavenworth	TRADOC	43
Fort Lewis	FORSCOM	71
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Fort McNair	MDW	19
Minor Construction	MINEXG	101
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Planning and Design	PLANDES	105
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Schofield Barracks	USARPAC	35

DEPARTMENT OF THE ARMY

MILITARY CONSTRUCTION (PART I) FY 1997

INSTALLATION LIST

INSTALLATION	MACOM	1390 PAGE
Fort Stewart	FORSCOM	27

DEPARTMENT OF THE ARMY

MILITARY CONSTRUCTION (PART I) FY 1997

COMMAND SUMMARY

MAJOR ARMY COMMAND NAME	AUTHORIZATION REQUEST	APPROPRIATION REQUEST
INSIDE THE UNITED STATES		
US Army Forces Command	175,900	175,900
US Army Military District of Washington	6,900	6,900
Military Traffic Management Command	20,000	20,000
US Army Training and Doctrine Command	70,900	70,900
US Army Pacific	35,000	35,000
OUTSIDE THE UNITED STATES		
Eighth United States Army	30,000	30,000
Various US Army Major Commands-Foreign	64,000	64,000
WORLDWIDE		
Military Construction, Army-Minor	5,000	5,000
Planning and Design	84,382	84,382
TOTAL	492,082	492,082

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DEPARTMENT OF DEFENSE
MILITARY CONSTRUCTION, ARMY

The military construction program for the active Army in terms of budget plans shown in the schedules of this title are summarized in the following tabulation:

FISCAL YEAR	MILITARY CONSTRUCTION, ARMY BUDGET PLAN
FY 1994	$ 891,759,000
FY 1995	550,476,000
FY 1996 (Request)	$ 472,724,000
FY 1997 (Request)	492,082,000

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 Family. 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 1995.

This request funds the Army's most critical facilities needs within the context of changing force structure and fiscal constraints. The Army's facilities strategy is to:

Focus the Investment
Reduce Facility Inventory
Maintain the Inventory

The focus of investment is on revitalization of facilities at installations which remain after base closure actions. In the current year, investment is primarily directed toward facilities to improve Strategic Mobility, troop housing, and environmental and safety requirements.

2. 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.

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

4. Supporting Activities. Provides for the Defense Access Road Program.

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 $492,082,000, to remain available until September 30, 2001: Provided, That of this amount, not to exceed $84,382,000 shall be available for study, planning, design, architect and engineer services, 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.

10 USC 2675, 2802-05, 2807, 2828, 2851-54, 2857; Military Construction Appropriations Act, 1995; additional authorizing legislation to be proposed.

Military Construction, Army
Program and Financing (in Thousands of dollars)

Identification code 21-2050-0-1-051	Budget Plan (amounts for MILITARY CONSTRUCTION actions programed)			
	1994 actual	1995 est.	1996 est.	1997 est.
Program by activities:				
Direct program:				
00.0101 Major construction	770,318	472,350	410,830	402,700
00.0201 Minor construction	12,000	12,000	9,000	5,000
00.0301 Planning	109,441	66,126	52,894	84,382
00.9101 Total direct program	891,759	550,476	472,724	492,082
01.0101 Reimbursable program	1,954,943	1,800,000	1,800,000	1,800,000
10.0001 Total	2,846,702	2,350,476	2,272,724	2,292,082
Financing:				
Offsetting collections from:				
11.0001 Federal funds(-)	-1,885,766	-1,550,000	-1,550,000	-1,550,000
13.0001 Trust funds(-)	-69,177	-250,000	-250,000	-250,000
17.0001 Recovery of prior year obligations				
Unobligated balance available, start of year:				
21.4002 For completion of prior year budget plans	-13,900	-1,685		
21.4003 Available to finance new budget plans	-35,160			
21.4009 Reprograming from/to prior year budget plans	-6,000			
22.0001 Unobligated balance transferred to other accounts				
Unobligated balance available, end of year:				
24.4002 For completion of prior year budget plans	1,685			
24.4003 Available to finance subsequent year budget plans	32,073			
25.0001 Unobligated balance expiring				
39.0001 Budget authority	870,457	548,791	472,724	492,082
Budget authority:				
40.0001 Appropriation	870,457	550,476	472,724	492,082
40.7903 Reduction pursuant to P.L. 103-307 (-)		-1,685		
43.0001 Appropriation (adjusted)	870,457	548,791	472,724	492,082
Relation of obligations to outlays:				
71.0001 Obligations incurred				
72.1001 Receivables from other government accts. SOY				
72.4001 Obligated balance, start of year				
74.1001 Receivables from other government accts, EOY				
74.4001 Obligated balance, end of year				
77.0001 Adjustments in expired accounts (net)				
78.0001 Adjustments in unexpired accounts				
90.0001 Outlays (net)				

Military Construction, Army
Program and Financing (in Thousands of dollars)

Identification code 21-2050-0-1-051		Obligations			
		1994 actual	1995 est.	1996 est.	1997 est.
	Program by activities:				
	Direct program:				
00.0101	Major construction	846,443	629,051	495,842	456,607
00.0201	Minor construction	14,271	11,576	9,512	5,120
00.0301	Planning	110,759	70,457	55,415	84,660
00.0401	Supporting activities	9,392			
00.9101	Total direct program	980,865	711,084	560,769	546,387
01.0101	Reimbursable program	2,017,154	1,800,000	1,800,000	1,800,000
10.0001	Total	2,998,019	2,511,084	2,360,769	2,346,387
	Financing:				
	Offsetting collections from:				
11.0001	Federal funds(-)	-1,884,304	-1,550,000	-1,550,000	-1,550,000
13.0001	Trust funds(-)	-11,303	-250,000	-250,000	-250,000
17.0001	Recovery of prior year obligations	-136,353			
	Unobligated balance available, start of year:				
21.4002	For completion of prior year budget plans	-631,716	-522,256	-361,648	-273,603
21.4003	Available to finance new budget plans	-13,900	-1,685		
21.4009	Reprograming from/to prior year budget plans				
22.0001	Unobligated balance transferred to other accounts	-6,000			
	Unobligated balance available, end of year:				
24.4002	For completion of prior year budget plans	522,256	361,648	273,603	219,298
24.4003	Available to finance subsequent year budget plans	1,685			
25.0001	Unobligated balance expiring	32,073			
39.0001	Budget authority	870,457	548,791	472,724	492,082
	Budget authority:				
40.0001	Appropriation	870,457	550,476	472,724	492,082
40.7903	Reduction pursuant to P.L. 103-307 (-)		-1,685		
43.0001	Appropriation (adjusted)	870,457	548,791	472,724	492,082
	Relation of obligations to outlays:				
71.0001	Obligations incurred	1,102,412	711,084	560,769	546,387
72.1001	Receivables from other government accts. SOY	-215,585	-302,204		
72.4001	Obligated balance, start of year	823,186	1,202,229	892,726	831,591
74.1001	Receivables from other government accts, EOY	302,204			
74.4001	Obligated balance, end of year	-1,202,229	-892,726	-831,591	-808,286
77.0001	Adjustments in expired accounts (net)	5,165			
78.0001	Adjustments in unexpired accounts	-136,353			
90.0001	Outlays (net)	678,800	718,383	621,904	569,692

Military Construction, Army
Object Classification (in Thousands of dollars)

Identification code 21-2050-0-1-051		1994 actual	1995 est.	1996 est.	1997 est.
	Direct obligations:				
	Personnel compensation:				
111.101	Full-time permanent	47,307	53,517	55,659	56,337
111.301	Other than full-time permanent	1,618	2,698	2,929	2,902
111.501	Other personnel compensation	815	914	970	977
111.901	Total personnel compensation	49,740	57,129	59,558	60,216
112.101	Personnel Benefits: Civilian personnel	9,309	12,027	12,495	12,627
121.001	Travel and transportation of persons	3,390	1,984	1,522	2,189
122.001	Transportation of things	72	58	42	65
123.301	Communications, utilities, and miscellaneous charges	256	177	135	203
124.001	Printing and reproduction	405	237	181	273
	Other services with the private sector				
125.203	Contracts with the private sector	137,624	85,245	65,397	93,945
	Purchases goods/services (inter/intra) Fed accounts				
125.302	Payments to foreign national indirect hire personnel	5,158	33	25	42
126.001	Supplies and materials	193	287	219	330
131.001	Equipment	79	70	68	75
132.001	Land and structures	765,246	553,837	421,127	376,422
199.001	Total Direct obligations	971,472	711,084	560,769	546,387
	Reimbursable obligations:				
	Personnel Compensation:				
211.101	Full-time permanent	177,757	166,023	169,926	168,753
211.301	Other than full-time permanent	8,203	15,224	15,785	15,878
211.501	Other personnel compensation	4,189	4,217	4,309	4,309
211.901	Total personnel compensation	190,149	185,464	190,020	188,940
212.101	Personnel Benefits: Civilian Personnel	36,739	35,446	36,234	35,958
221.001	Travel and transportation of persons	10,937	9,900	9,900	9,900
222.001	Transportation of things	665	2,700	2,700	2,700
223.301	Communications, utilities, and miscellaneous charges	82,569	61,812	58,620	58,620
224.001	Printing and reproduction	913	1,080	1,080	1,080
	Other services with the private sector				
225.204	Other charges with the private sector	710,132	591,300	591,000	591,000
	Purchases goods/services (inter/intra) Fed accounts				
225.302	Payments to foreign national indirect hire personnel	456	3,036	3,036	3,036
231.001	Equipment	18,876	31,140	31,140	31,109
232.001	Land and structures	965,718	878,122	876,270	877,657

Military Construction, Army
Object Classification (in Thousands of dollars)

Identification code 21-2050-0-1-051	1994 actual	1995 est.	1996 est.	1997 est.
299.001 Total Reimbursable obligations	2,017,154	1,800,000	1,800,000	1,800,000
Allocation Accounts				
332.001 Land and structures	9,393			
399.001 Total Allocation Accounts	9,393			
999.901 Total obligations	2,998,019	2,511,084	2,360,769	2,346,387

Special Program Considerations
Fiscal Year 1997

SECTION I

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.

Resolution Trust Corporation Real Estate Assets

In accordance with guidance contained in Senate Report 101-384, page 282, the Army has screened the fiscal year 1996 and 1997 construction requirements against the Resolution Trust Corporation's (RTC) Real Estate Asset Inventory. The screening process included Military Construction, Army (MCA), Army Family Housing (AFH), and Base Closure Account (BCA) construction programs. None of the properties listed in the RTC assets inventory will meet the facility or housing needs of the Army at this time. The Army will continue to monitor the RTC inventory of assets in the future to determine if our facility needs can be economically met by the purchase of RTC assets.

Use of NATO Infrastructure Funds

The Conference Appropriation Committee Report No. 102-236, p.8, states that the Committees endorse the use of NATO Infrastructure funding for eligible projects in the U.S. NATO has adopted a new strategic concept which emphasizes mobility and reinforcement of forces from member nations. The U.S. has identified CONUS embarkation facilities to seek possible NATO funding at Forts Hood, TX, Riley, KS, and Benning, GA; and Military Ocean Terminals Bayonne, NJ, and Sunny Point, NC. Facilities requirements have been included in Infrastructure Capability Packages (ICP) which link military requirements with force goals. The ICPs were sent to Supreme Headquarters, Allied Powers, Europe (SHAPE), but to date, SHAPE has not forwarded any of these ICPs to NATO for consideration. NATO's bureaucratic process for getting an initiative approved is long and involved, and an eventual successful outcome is in doubt.

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 budget request an eligibility certificate for each project requested in Europe, Japan, and Korea. All overseas projects are considered for funding in Europe by NATO Infrastructure, in Japan by the Facilities Improvement Program, and in Korea by either the Combined Defense Improvement Projects for the Republic of Korea Funded Construction programs. There are no projects in Europe or Japan in this budget request for fiscal years 1996 or 1997 Military Construction Appropriations. There are $30 million in whole barracks renewal projects in Korea in both fiscal years 1996 and 1997. The Korean Host Nation programs are continuing to fund some operational and quality of life projects each year. The Korean Host Nation Construction programs are not large enough to furnish sufficient funds to support this long term barracks requirements.

Construction and Basing Plans for New Major Army Weapon Systems

Section 2828 of Public Law 102-190, the FY92 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 FY96/97 Budget. Therefore, no siting plans are required.

SECTION II

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 in each budget request indicating construction to be accomplished with funds other than family housing and military construction. The information is provided in this section:

A. Procurement

B. Other Appropriations (Major Repair and 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)

C. Overseas Residual Value
   - Military Construction
   - Real Property Maintenance

A. Procurement

FY96 Procurement Appropriations

APPROPRIATION LOCATION	PROJECT TITLE	COST ESTIMATE ($000)
AMMO		
Iowa AAP, IA	Production, Support and Equip. Replacement	963
Lake City AAP, MO	Production Support and Equip. Replacement	1,347
	Rehabilitate Steam Distr. Area	988
		2,335
Holston AAP, TN	Production, Support and Equip. Replacement	1,676
	Industrial Wastewater Treatment Plant Corrections	3,303
		4,979
Milan AAP, TN	Production, Support and Equip. Replacement	1,018
	Construct Fire Station	1,200
		2,218
Lone Star AAP, TX	Production, Support and Equip. Replacement	1,186
	Replace Area 1 Heating System	1,288
		2,474
Radford AAP, VA	Production, Support and Equip. Replacement	290
	Close Bioplant Equalization Basin	1,270
	Replace Three Acid Tanks, Acid Area	1,134
		2,694
Badger AAP, WI	Environmental Ammo Plants	160
MSL		
Redstone Arsenal, AL	Rocket Motor Facility	2,144
	Grand Total, FY96	17,967

A. (Continued)

FY97 Procurement Appropriations

APPROPRIATION LOCATION	PROJECT TITLE	COST ESTIMATE ($000)
AMMO		
Holston AAP, TN	Production, Support and Equip. Replace	2,732
	Correct inflow/infiltration in Sanitary Sewer	4,400
	Replace Industrial Wastewater Line	2,830
	Industrial Wastewater Treatment Plant	4,522
		14,484
Milan AAP, TN	Production, Support and Equip. Replace	256
Lone Star AAP, TX	Production, Support and Equip. Replace	152
Iowa AAP, IA	Production, Support and Equip. Replace	1,661
Lake City AAP, MO	Production, Support and Equip. Replace	2,161
Radford AAP, VA	Production, Support and Equip. Replace	1,243
Badger AAP, WI	Environmental Ammo Plants	108
MSL		
Redstone Arsenal. AL	Rocket Motor Facility	2,080
WTCV		
Lima ATP, OH	Construction MFGR Control Center	556
	Grand Total, FY97	22,701

B. Other Appropriations

FY96 APPROPRIATIONS	BUDGET ESTIMATE ($000)
Operation & Maintenance, Army (OMA)	1,342,000
Research, Development, Test and Evaluation (RDTE)	5,497
Operation & Maintenance, Army Reserve (OMAR)	5,700
Operation & Maintenance, Army National Guard (OMNG)	5,400
Total	1,358,597

FY97 APPROPRIATIONS	
Operation & Maintenance, Army (OMA)	1,255,000
Research, Development, Test and Evaluation (RDTE)	4,407
Operation & Maintenance, Army Reserve (OMAR)	5,800
Operation & Maintenance, Army National Guard (OMNG)	5,400
Total	1,270,607

C. Overseas Residual Value

In accordance with guidance contained in Senate Report 102-355, page 8-9, which accompanied the FY93 MILCON Appropriations Bill, the Army is seeking to use Host Nation funding and residual value to fund infrastructure requirements overseas. The Army will first seek Host Nation Support where possible. The Army will then seek to reinvest residual value amounts into the Army's facility infrastructure requirements which support residual forces stationed at military bases outside the United States, or to permit the Host nation to construct capital improvements in lieu of direct payments (Payment-in-kind (PIK)). Fiscal Year 1993 legislation permits the use of residual value under two separate authorities:

Overseas Military Facility Investment Recovery Account

(FY93 Defense Authorization Act, PL 102-484 (106 STAT. 2609)) This authorizes the use of residual value payments to be used overseas for facility maintenance and repair or environmental compliance. This also permits the Secretary of Defense to enter into negotiations for Payment-in-Kind, which could include construction of facilities.

Residual Value Credits

(FY93 Defense Appropriations Act, PL 102-396 (106 STAT. 1913)) This permits separate accounts for NATO member states for deposit of residual value amounts which can then be used for facility construction or real property maintenance.

The Army has received residual value payments in the amount of $36.4M which have been deposited in the DOMFIRA account from the return of the Army's Pipeline System (Donges-Metz, France) and a Training Area (Wildflecken, Germany). The Army expects to use these funds for real property maintenance on Army facilities in Europe. The fiscal year 1996 President's Budget Exhibit (OP-29) lists the projects being requested to be funded. Further, the Army has negotiated with Host Nation governments for additional requirements to be satisfied via payment-in-kind (PIK). The following PIK projects, which have not been included in a previous Military Construction Justification book, have already been negotiated:

Payment-in-Kind (Major Construction Projects already scheduled for construction in 1995 and 1996)

LOCATION	DESCRIPTION	ESTIMATE
Grafenwoehr, GE	Electrical Distribution System	$3,000,000
Hohenfels, GE	Vehicle Fuel Storage	$3,300,000
Landstuhl,GE	Aviation Unit Maintenance Hangar	$11,400,000
Mannheim, GE	Child Development Center	$9,000,000
Schweinfurt, GE	Vehicle Maintenance Sheds	$8,300,000
	Rail Head Ramp	2,500,000

Payment-in-Kind (Major Construction Projects yet to be scheduled for construction)

LOCATION	DESCRIPTION	ESTIMATE
Ansbach, GE	Whole Neighborhood Revitalization, Enlisted/Officer	$8,300,000
Baumholder, GE	Restore Barracks, Smith Barracks	$3,800,000
	Restore Barracks, Smith Barracks	3,800,000
	Restore Barracks, Smith Barracks	3,800,000
	Restore Barracks, Smith Barracks	3,800,000
	Whole Neighborhood Revitalization, Enlisted	7,100,000
Grafenwoehr, GE	Whole Neighborhood Revitalization, Enlisted/Officer	$4,200,000
Hanau, GE	Whole Neighborhood Revitalization, Enlisted	$3,500,000
Landstuhl, GE	Restore Barracks	$7,000,000
Schweinfurt, GE	Restore Barracks, Ledward Barracks	$6,400,000
Stuttgart, GE	Whole Neighborhood Revitalization, Enlisted	$1,900,000
Wuerzburg, GE	Restore Barracks, Harvey Barracks	$3,800,000

DEPARTMENT OF THE ARMY
FISCAL YEAR 1997
MILITARY CONSTRUCTION (PART I)
(DOLLARS ARE IN THOUSANDS)

STATE	PROJECT NUMBER	INSTALLATION (COMMAND) / PROJECT TITLE	AUTHORIZATION REQUEST	APPROPRIATION REQUEST	PAGE
California		Concord Naval Weapons Sta (MTMC)			3
	44171	Ammunition Pier	20,000	20,000	5
		Subtotal Concord Naval Weapons Sta PART I	$ 20,000	20,000	
		* TOTAL MCA FOR California	$ 20,000	20,000	

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1. COMPONENT	FY 1996-1997 MILITARY CONSTRUCTION PROGRAM	2. DATE
ARMY		FEBRUARY 1995

3. INSTALLATION AND LOCATION	4. COMMAND	5. AREA CONSTRUCTION COST INDEX
Concord Naval Weapons Sta California	Naval Sea Command	0.00

6. PERSONNEL STRENGTH:

	PERMANENT			STUDENTS			SUPPORTED			
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF 30 SEP 1994	0	0	0	0	0	0	0	0	0	0
B. END FY 2000	0	0	0	0	0	0	0	0	0	0

7. INVENTORY DATA ($000)

A. TOTAL ACREAGE.....	0 AC	
B. INVENTORY TOTAL AS OF 30 SEP 1994.....		0
C. AUTHORIZATION NOT YET IN INVENTORY.....		0
D. AUTHORIZATION REQUESTED IN THE FY 1996 PROGRAM.....		0
E. AUTHORIZATION REQUESTED IN THE FY 1997 PROGRAM.....		20,000
F. PLANNED IN NEXT FOUR YEARS (NEW MISSION ONLY).....		0
G. REMAINING DEFICIENCY.....		25,000
H. GRAND TOTAL.....		45,000

8. PROJECTS REQUESTED IN THE FY 1996 PROGRAM: NONE

9. FUTURE PROJECTS:

CATEGORY CODE	PROJECT TITLE	COST ($000)
A. REQUESTED IN THE FY 1997 PROGRAM:		
151	Ammunition Pier	20,000
	TOTAL	20,000

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

10. MISSION OR MAJOR FUNCTIONS:

The Army mission is to download Army Prepositioned Fleet ships, perform maintenance on ammunition, preserve and package materiel, verify accountability, and load ammunition aboard ships. The U.S. Army will occupy a portion of the facilities at the Naval Weapons Station Concord to perform this mission.

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 1997 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
ARMY		14 FEB 1995

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
Concord Naval Weapons Sta California	Ammunition Pier

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
72896A	151	44171	Auth 20,000 Approp 20,000

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITY				17,174
Container Crane (Built-in)	LS	--	--	(8,200)
Upgrade Pier	FB	1,200	7,478	(8,974)
SUPPORTING FACILITIES				620
Electric Service	LS	--	--	(440)
Site Imp(23) Demo(157)	LS	--	--	(180)
ESTIMATED CONTRACT COST				17,794
CONTINGENCY PERCENT (5.00%)				890
SUBTOTAL				18,684
SUPERVISION, INSPECTION & OVERHEAD (6.00%)				1,121
TOTAL REQUEST				19,805
TOTAL REQUEST (ROUNDED)				20,000
INSTALLED EQUIPMENT-OTHER APPROPRIATIONS				(0)

10. Description of Proposed Construction: Upgrade existing Pier 3 to support a new container crane (40-ton capacity). Project includes a deck extension of 15 feet with a crane rail beam added along the channel side of the pier and a crane rail beam added along the land side of the pier. New piling will provide the structural support for the new deck extension and crane rail beams. Supporting facilities include replacing existing pier lighting (two rows of 25 foot high poles) with a single row of poles behind the new land side crane rail beam. The crane rails will be bonded and grounded. Remove existing fender system, utility stanchions and mooring fittings, remove and replace a portion of the timber pier deck, and site improvements.

11. REQUIREMENT: 1,200 FB ADEQUATE: NONE SUBSTANDARD: 1,200 FB

PROJECT: Provide a structural and electrical upgrade to Pier 3 and install a built-in 40 ton capacity container crane. (Current Mission)

REQUIREMENT: The revised United States National Military Strategy calls for more of the military forces to be based in continental United States (CONUS) and the forward presence overseas to be reduced. The new focus increases reliance and supplies anywhere in the world when needed. Congress mandated a Mobility Requirements Study (MRS) which recommended programs to enhance the

1.COMPONENT	FY 1997 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		FEBRUARY 1995
3.INSTALLATION AND LOCATION		
Concord Naval Weapons Sta, California		
4.PROJECT TITLE		5.PROJECT NUMBER
Ammunition Pier		44171

REQUIREMENT: (CONTINUED)
capability of US power projection forces to support this new strategy. MRS recommended the West Coast Ammunition Port Project in support of the MRS Major Regional Contingency West (MRC-W). As a result of the study, the Naval Weapons Station, Concord, California, was assigned a new mission to provide a 520 container per day loadout capability for joint service ordnance supply in times of national crisis, and the Naval Ordnance Center Pacific Division Detachment Port Hadlock, Washington, was directed to provide a 250 container outload capability. Since, the Naval Weapons Station Concord is the "only" west coast common user ammunition facility it will receive the majority of the improvements of which two construction projects are planned. This project is designed to upgrade one of the existing piers and enhance it with a modern crane capable of increasing the container lift capability of the facility. No such capability exists at the present time. An FY 98 project will provide the terminal infrastructure to complete the requirement as mandated in the MRS.
CURRENT SITUATION: Concord has the capacity to load 240 container per day, using a combination of ship's gear, floating cranes and truck cranes; break bulk operations are compromised at Piers 2 and 3 to achieve this capacity.
IMPACT IF NOT PROVIDED: If this project is not provided, WPNSTAC will be unable to support its newly assigned mission to provide a 520 container per day outload capability. The West Coast will continue to be dependent on a very limited ammunition container load out capability. Quick response to events such as "Desert Storm" will be severely limited. Safe operating procedures would be jeopardized by handling ammunition containers with cranes not specifically designed and adequate for the purpose in the climate of urgency generated during crisis events.
ADDITIONAL: This project has been coordinated with the installation physical security plan, and all required physical security and/or combatting terriorism (CBT/T) measures are included. This project complies with the scope and design criteria of NAVFAC P-80, October 1982, Change 1, December 1985, Section 151-70. An economic analysis has been prepared and utilized in evaluating this project. A further project is proposed in FY 98 for construction of a Containerized Ordnance Support Area.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

(a) Design Start Date	DEC 1994
(b) Percent Complete As Of 01 January 96 (BDGT YR)	35
(c) Percent Complete As Of 01 October 96 (PROG YR)	95
(d) Design Complete Date	DEC 1996

(2) Basis:

(a) Standard or Definitive Design - (YES/NO) N

(b) Where Design Was Most Recently Used

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

1.COMPONENT	FY 1997 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		FEBRUARY 1995

3.INSTALLATION AND LOCATION

Concord Naval Weapons Sta, California

4.PROJECT TITLE	5.PROJECT NUMBER
Ammunition Pier	44171

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.....	900
(b) All Other Design Costs.....	700
(c) Total Design Cost.....	1,600
(d) Contract.....	1,400
(e) In-house.....	200

(4) Construction Start..... MAR 1997
month & year

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			

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DEPARTMENT OF THE ARMY
FISCAL YEAR 1997
MILITARY CONSTRUCTION (PART I)
(DOLLARS ARE IN THOUSANDS)

STATE	PROJECT NUMBER	INSTALLATION (COMMAND) PROJECT TITLE	AUTHORIZATION REQUEST	APPROPRIATION REQUEST	PAGE
Colorado		Fort Carson (FORSCOM)			11
	944	Whole Barracks Complex Renewal	37,000	37,000	13
		Subtotal Fort Carson PART I	$ 37,000	37,000	
		* TOTAL MCA FOR Colorado	$ 37,000	37,000	

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1. COMPONENT	FY 1996-1997 MILITARY CONSTRUCTION PROGRAM	2. DATE
ARMY		FEBRUARY 1995

3. INSTALLATION AND LOCATION	4. COMMAND	5. AREA CONSTRUCTION COST INDEX
Fort Carson Colorado	US Army Forces Command	1.12

6. PERSONNEL STRENGTH:

	PERMANENT			STUDENTS			SUPPORTED			
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF 30 SEP 1994	1716	15376	2177	0	134	0	18	79	1682	21,182
B. END FY 2000	1776	14807	1996	0	140	0	19	91	2383	21,212

7. INVENTORY DATA ($000)

A. TOTAL ACREAGE.....	373,300 AC
B. INVENTORY TOTAL AS OF 30 SEP 1994.....	1,774,433
C. AUTHORIZATION NOT YET IN INVENTORY.....	24,565
D. AUTHORIZATION REQUESTED IN THE FY 1996 PROGRAM.....	10,850
E. AUTHORIZATION REQUESTED IN THE FY 1997 PROGRAM.....	37,000
F. PLANNED IN NEXT FOUR YEARS (NEW MISSION ONLY).....	0
G. REMAINING DEFICIENCY.....	135,381
H. GRAND TOTAL.....	1,982,229

8. PROJECTS REQUESTED IN THE FY 1996 PROGRAM:

CATEGORY CODE	PROJECT NUMBER	PROJECT TITLE	COST ($000)	DESIGN STATUS START	DESIGN STATUS COMPLETE
832	41749	Sewage Treatment Plant	9,100	12/1993	09/1995
832	44699	Sanitary Sewer System	1,750	12/1993	10/1995
		TOTAL	10,850		

9. FUTURE PROJECTS:

CATEGORY CODE	PROJECT TITLE	COST ($000)
A. REQUESTED IN THE FY 1997 PROGRAM:		
721	Whole Barracks Complex Renewal	37,000
	TOTAL	37,000

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

10. MISSION OR MAJOR FUNCTIONS:

Support and training of the 4th Infantry Division (Mechanized) and other non- divisional units. Ensure the most efficient use of resources to operate Fort Carson and accomplish all assigned missions and support of tenant activities. Command of all assigned and attached units; organize and train all units to ensure combat readiness. Provide command and control of the Pinon Canyon maneuver site. Ensure that Fort Carson is prepared for mobilization.

1. COMPONENT ARMY	FY 1996-1997 MILITARY CONSTRUCTION PROGRAM	2. DATE FEBRUARY 1995

INSTALLATION AND LOCATION: Fort Carson Colorado

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:

	($000)
A. AIR POLLUTION	0
B. WATER POLLUTION	10,850
C. OCCUPATIONAL SAFETY AND HEALTH	0

PREVIOUS EDITIONS MAY BE USED INTERNALLY
UNTIL EXHAUSTED

1.COMPONENT	FY 1997 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		FEBRUARY 1995

3.INSTALLATION AND LOCATION	4.PROJECT TITLE
Fort Carson Colorado	Whole Barracks Complex Renewal

5.PROGRAM ELEMENT	6.CATEGORY CODE	7.PROJECT NUMBER	8.PROJECT COST ($000)	
			Auth	37,000
22696A	721	944	Approp	37,000

9.COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITY				30,734
Enlisted Barracks (2)	SF	166,320	115.00	(19,128)
Soldier Community Bldgs (2)	SF	44,564	115.00	(5,125)
Company Operations Facilities	SF	43,272	121.13	(5,242)
Special Foundation	LS	--	--	(475)
IDS Installation	LS	--	--	(5)
Total from Continuation page				(759)
SUPPORTING FACILITIES				2,329
Electric Service	LS	--	--	(168)
Water, Sewer, Gas	LS	--	--	(209)
Paving, Walks, Curbs, And Gutter	LS	--	--	(711)
Storm Drainage	LS	--	--	(126)
Site Imp(949) Demo( )	LS	--	--	(949)
Information Systems	LS	--	--	(166)
ESTIMATED CONTRACT COST				33,063
CONTINGENCY PERCENT (5.00%)				1,653
SUBTOTAL				34,716
SUPERVISION, INSPECTION & OVERHEAD (6.00%)				2,083
TOTAL REQUEST				36,799
TOTAL REQUEST (ROUNDED)				37,000
INSTALLED EQUIPMENT-OTHER APPROPRIATIONS				(88)

10.Description of Proposed Construction

Construct two standard-design enlisted barracks, two soldier community buildings, five (1 large and 4 medium) company operations facilities (COF) and multi-purpose courts. Project includes living/sleeping rooms, bath, and walk-in closets; dayroom; laundry and storage areas; arms room; fire protection and alarm systems, and an automatic sprinkler system; pre-wired workstations; and two parking areas. Install an intrusion detection system (IDS). Connect to energy monitoring and control system (EMCS). Supporting facilities include utilities; electric service; exterior lighting; fire protection and alarm systems; paving, walks, curbs and gutters; access roads and service yards; information systems; and site improvements. Access for the handicapped will be provided in certain administrative areas only (COFs are excluded). Heating will be provided by a gas-fired self-contained system. Air conditioning in barracks will be provided by absorptive cooling systems driven by solar generated hot water/steam from concentrating (parabolic) solar collectors. Due to the expansive clay soils prevalent on the installation special foundations will be required. Provide comprehensive building and furnishings related interior design services.

1.COMPONENT	FY 1997 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		FEBRUARY 1995

3.INSTALLATION AND LOCATION

Fort Carson, Colorado

4.PROJECT TITLE	5.PROJECT NUMBER
Whole Barracks Complex Renewal	944

9. COST ESTIMATES (CONTINUED)

Item	U/M	QTY	Unit COST	Cost ($000)
PRIMARY FACILITY (CONTINUED)				
EMCS Connection	LS	--	--	(145)
Multipurpose Courts	EA	2	76,286	(153)
Building Information Systems	LS	--	--	(461)
			Total	759

11. REQUIREMENT: 6,725 PN ADEQUATE: 2,956 PN SUBSTANDARD: 3,896 PN

PROJECT: Construct two standard-design enlisted barracks, two soldier community buildings, and five company operations facilities to meet the Whole Barracks Renewal Program Standard. (Current Mission)

REQUIREMENT: This project is required to replace substandard "hammerhead" style barracks with new facilities which comply with the Whole Barracks Renewal Program Standard. Over the past decade, individual billet space allowances have increased. The three barracks buildings that will be replaced under this project were constructed in 1956 and have central (gang) latrines and multiple person rooms with inefficient layouts. This project will provide housing for a maximum of 504 enlisted personnel. Intended utilization is 52 E5-E6 and 400 E1-E4.

CURRENT SITUATION: There are presently 8,330 barracks spaces for unaccompanied enlisted personnel, located in 55 separate permanent barracks buildings on Fort Carson. Physical deterioration, which has accumulated over the past 35 years, has contributed to many existing building conditions that warrant correction. Numerous floor tiles are cracked and worn. Latrine fixtures, although operational, are outdated 1950s design, and difficult to maintain and repair due to scarcity of parts. Temperatures within individual rooms cannot be effectively controlled by the occupants. Comfort levels are established by opening or closing windows, as required. Exterior windows are single pane, metal clad, and have no appreciable insulating properties. Soldiers are required to use gang latrines, which provide an inadequate number of shower heads for the population housed in each building. Company supply and administration areas on the first floor exist just down the hall from soldiers' sleeping and living rooms.

IMPACT IF NOT PROVIDED: If this project is not provided, single soldiers will continue to live in aging personnel housing that falls far short of current single enlisted personnel housing criteria. Repairs to plumbing and other systems will become more frequent as the buildings continue to age, adding significantly to the maintenance and repair of the buildings. Eventually, many systems will completely fail.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and all required physical security and/or combatting terrorism

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

1.COMPONENT	FY 1997 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		FEBRUARY 1995

3.INSTALLATION AND LOCATION

Fort Carson, Colorado

4.PROJECT TITLE	5.PROJECT NUMBER
Whole Barracks Complex Renewal	944

ADDITIONAL: (CONTINUED)
(CBT/T) measures are included. This project complies with the scope and design criteria of DOD 4270.1-M, "Construction Criteria," that were in effect 1 January 1987, as implemented by the Army's Architectural and Engineering Instructions (AEI), "Design Criteria," dated 9 December 1991, with the 18 September 1992 and all subsequent revisions included in the Design Criteria Information System (DCIS). An economic analysis has been prepared and utilized in evaluating this project.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

(a) Design Start Date	SEP 1994
(b) Percent Complete As Of 01 January 96 (BDGT YR)	60
(c) Percent Complete As Of 01 October 96 (PROG YR)	100
(d) Design Complete Date	SEP 1996

(2) Basis:

(a) Standard or Definitive Design - (YES/NO) Y
(b) Where Design Was Most Recently Used
USACE

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

	($000)
(a) Production of Plans and Specifications	2,050
(b) All Other Design Costs	710
(c) Total Design Cost	2,760
(d) Contract	
(e) In-house	2,760

(4) Construction Start: FEB 1997 (month & year)

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	1998	16
Info Sys - ISC	OPA	1997	72
		TOTAL	88

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DEPARTMENT OF THE ARMY
FISCAL YEAR 1997
MILITARY CONSTRUCTION (PART I)
(DOLLARS ARE IN THOUSANDS)

STATE	PROJECT NUMBER	INSTALLATION (COMMAND) PROJECT TITLE	AUTHORIZATION REQUEST	APPROPRIATION REQUEST	PAGE
District of Columb		Fort McNair (MDW)			19
	45372	National Defense University Fac Phase II	6,900	6,900	21
		Subtotal Fort McNair PART I	$ 6,900	6,900	
		* TOTAL MCA FOR District of Columbia	$ 6,900	6,900	

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1. COMPONENT	FY 1996-1997 MILITARY CONSTRUCTION PROGRAM	2. DATE
ARMY		FEBRUARY 1995

3. INSTALLATION AND LOCATION	4. COMMAND	5. AREA CONSTRUCTION COST INDEX
Fort McNair District of Columbia	US Army Military District of Washington	1.03

6. PERSONNEL STRENGTH:

	PERMANENT			STUDENTS			SUPPORTED			
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF 30 SEP 1994	120	351	1232	361	0	90	143	30	250	2,577
B. END FY 2000	107	167	848	487	0	378	97	79	107	2,270

7. INVENTORY DATA ($000)

A. TOTAL ACREAGE.....	98 AC	
B. INVENTORY TOTAL AS OF 30 SEP 1994.....		150,170
C. AUTHORIZATION NOT YET IN INVENTORY.....		7,220
D. AUTHORIZATION REQUESTED IN THE FY 1996 PROGRAM.....		13,500
E. AUTHORIZATION REQUESTED IN THE FY 1997 PROGRAM.....		6,900
F. PLANNED IN NEXT FOUR YEARS (NEW MISSION ONLY).....		0
G. REMAINING DEFICIENCY.....		19,372
H. GRAND TOTAL.....		197,162

8. PROJECTS REQUESTED IN THE FY 1996 PROGRAM:

CATEGORY CODE	PROJECT NUMBER	PROJECT TITLE	COST ($000)	DESIGN STATUS START	DESIGN STATUS COMPLETE
171	35062	National Defense University Facility	8,000	03/1993	07/1995
721	42594	Whole Barracks Complex Renewal	5,500	04/1994	06/1996
		TOTAL	13,500		

9. FUTURE PROJECTS:

CATEGORY CODE	PROJECT TITLE	COST ($000)
A. REQUESTED IN THE FY 1997 PROGRAM:		
171	National Defense University Fac Phase II	6,900
	TOTAL	6,900

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

10. MISSION OR MAJOR FUNCTIONS:

Military District of Washington Headquarters. Provide housing services and other facilities to quarter general and flag officers of the Department of Defense and to provide administrative and/or logistical support as assigned by the Commanding General, Military District of Washington. The National Defense University consisting of the National War College and Industrial College of the Armed Forces and Inter-American Defense College are located at this installation.

1. COMPONENT	FY 1996-1997 MILITARY CONSTRUCTION PROGRAM	2. DATE
ARMY		FEBRUARY 1995

INSTALLATION AND LOCATION: Fort McNair District of Columbia

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

1. COMPONENT	FY 1997 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
ARMY		FEBRUARY 1995

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
Fort McNair District of Columbia	National Defense University Fac Phase II

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
22896A	171	45372	Auth 6,900 Approp 6,900

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITY				5,889
Building Renovation	SF	115,980	46.00	(5,336)
Asbestos/Lead Paint Abatement	LS	--	--	(60)
Building Information Systems	LS	--	--	(493)
SUPPORTING FACILITIES				
ESTIMATED CONTRACT COST				5,889
CONTINGENCY PERCENT (10.0%)				589
SUBTOTAL				6,478
SUPERVISION, INSPECTION & OVERHEAD (6.00%)				389
TOTAL REQUEST				6,867
TOTAL REQUEST (ROUNDED)				6,900
INSTALLED EQUIPMENT-OTHER APPROPRIATIONS				(2,232)

10. Description of Proposed Construction: Convert and reconfigure existing administrative, industrial and library areas in one building of the National War College (NWC) (National Defense University (NDU) Campus) to academic uses (seminar, study and faculty rooms). Existing building is on the National Register of Historic Structures and its historic aspects must be taken into consideration during reconfiguration. Building interiors will be architecturally reconfigured to provide for the new uses. Electrical, heating, ventilation, air conditioning (300 tons), and plumbing systems will be modified to accommodate the new configurations and correct existing deficiencies. Fire protection, alarm systems and emergency egress will be provided. Asbestos abatement and lead paint removal will be required. Access for the handicapped will be provided.

11. REQUIREMENT: 115,000 SF ADEQUATE: NONE SUBSTANDARD: 115,000 SF

PROJECT: Convert and reconfigure existing academic building for the National War College. (Current Mission)

REQUIREMENT: This project is required to provide critically needed academic space for faculty and students of the National War College. The required modifications will permit the number of students per seminar and study room to drop to academically functional levels, provide space for additional faculty

1.COMPONENT	FY 1997 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		FEBRUARY 1995

3.INSTALLATION AND LOCATION

Fort McNair, District of Columbia

4.PROJECT TITLE	5.PROJECT NUMBER
National Defense University Fac Phase II	45372

REQUIREMENT: (CONTINUED)
required to comply with Congressional and Joint Chiefs of Staff (JCS) mandates and provide urgently needed seminar and meeting spaces.
CURRENT SITUATION: The National Defense University (NDU) occupies three buildings at its Fort McNair campus: Eisenhower Hall, Roosevelt Hall and Marshall Hall at Fort McNair. The 1991 completion of Marshall Hall has allowed consolidation at Fort McNair of NDU activities previously scattered over five locations in the Washington DC area, including university elements which previously occupied 31 percent of Roosevelt Hall. While some of the recently vacated space is suitable for college faculty and administrative personnel with only minor repair and cleaning, a significant portion is not configured for academic uses. Most pressing is the need for sufficient student study space and seminar rooms. Senior service college students are required to do extensive research and study--both as individuals and in groups--yet their study areas are currently so crowded and poorly configured that effective study is often nearly impossible. Lack of suitable space has caused college seminars to commonly have as many as 17 students when 12 is the academically desired upper limit observed by other senior service colleges. Another area of persistent space shortfall has been for the faculty. Existing partition configurations rarely permit efficient space use and often do not provide the privacy needed for class preparation or student counseling. Both Congress and the JCS have recognized the importance of these schools to the nation's future. Notwithstanding downsizing currently underway throughout the Department of Defense, the number of students at the NWC will not decline for the foreseeable future. In fact, Congressional mandates to reduce the student:faculty ratio and incorporate new missions will cause both student and faculty numbers to rise modestly. Rehabilitation of the old and deteriorating mechanical and electrical systems is also urgently needed. High velocity air distribution and obsolete controls on the mechanical systems frequently create noise and/or temperature conditions which interfere with office, classroom and study activities. They also are less energy efficient than modern systems.
IMPACT IF NOT PROVIDED: If this project is not provided, significant space will remain poorly configured or completely unusable for academic courses, degrading the educational program and limited University flexibility in supporting both internal and external operational needs. Much of the space is not configured to permit substantial academic utility. A significant portion will remain vacant without appropriate alteration. One of the key, long-term benefits of the NWC to the country is the interservice and interagency team building which is a byproduct of both daily interaction and group study projects. Without the proposed modifications the facility will remain a hindrance to this process rather than an asset. Initiatives to establish NDU as a "Center for wargaming and simulation at the National, Theater and Joint Task Force Level" will be indefinitely delayed. Environmental compliance will be delayed. Incorporation of environmental issues into the renovation project is much more efficient and less costly than as a separate action. Meeting Army

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

1.COMPONENT	FY 1997 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		FEBRUARY 1995

3.INSTALLATION AND LOCATION

Fort McNair, District of Columbia

4.PROJECT TITLE	5.PROJECT NUMBER
National Defense University Fac Phase II	45372

IMPACT IF NOT PROVIDED: (CONTINUED)
energy conservation targets will be impossible without severe adverse effects on the academic program. Fundamental building infrastructure will continue to deteriorate, interfering with operations and continuing the current trend of increasing maintenance and repair cost. Several class days have been lost in the past due to large scale utility system failures.
ADDITIONAL: This project has been coordinated with the installation physical security plan, and all required physical security and/or combatting terrorism (CBT/T) measures are included. This project complies with the scope and design criteria of DOD 4270.1-M, Construction Criteria, that were in effect 1 January 1987, as implemented by the Army's Architectural and Engineering Instructions (AEI), Design Criteria, dated 9 December 1991, with the 18 September 1992 and all subsequent revisions included in the Design Criteria Information System (DCIS).

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

(a)	Design Start Date	MAR 1993
(b)	Percent Complete As Of 01 January 96 (BDGT YR)	35
(c)	Percent Complete As Of 01 October 96 (PROG YR)	100
(d)	Design Complete Date	JUL 1996

(2) Basis:

(a) Standard or Definitive Design - (YES/NO)
(b) Where Design Was Most Recently Used

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

		($000)
(a)	Production of Plans and Specifications	360
(b)	All Other Design Costs	407
(c)	Total Design Cost	767
(d)	Contract	540
(e)	In-house	227

(4) Construction Start: JAN 1997 (month & year)

1. COMPONENT	FY 1997 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
ARMY		FEBRUARY 1995

3. INSTALLATION AND LOCATION

Fort McNair, District of Columbia

4. PROJECT TITLE	5. PROJECT NUMBER
National Defense University Fac Phase II	45372

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)
Info Sys - PROP	OPA	1997	2,232
		TOTAL	2,232

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

DEPARTMENT OF THE ARMY
FISCAL YEAR 1997
MILITARY CONSTRUCTION (PART I)
(DOLLARS ARE IN THOUSANDS)

STATE	PROJECT NUMBER	INSTALLATION (COMMAND) / PROJECT TITLE	AUTHORIZATION REQUEST	APPROPRIATION REQUEST	PAGE
Georgia		Fort Stewart (FORSCOM)			27
	42250	Close Combat Tactical Training Building	6,000	6,000	29
		Subtotal Fort Stewart PART I	$ 6,000	6,000	
		* TOTAL MCA FOR Georgia	$ 6,000	6,000	

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1. COMPONENT	FY 1996-1997 MILITARY CONSTRUCTION PROGRAM	2. DATE
ARMY		FEBRUARY 1995

3. INSTALLATION AND LOCATION	4. COMMAND	5. AREA CONSTRUCTION COST INDEX
Fort Stewart Georgia	US Army Forces Command	0.84

6. PERSONNEL STRENGTH:

	PERMANENT			STUDENTS			SUPPORTED			
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF 30 SEP 1994	1327	13145	1809	0	114	0	37	248	2440	19,120
B. END FY 2000	1350	13137	2063	0	160	0	15	58	3233	20,016

7. INVENTORY DATA ($000)

A. TOTAL ACREAGE.....	284,381 AC	
B. INVENTORY TOTAL AS OF 30 SEP 1994.....		1,450,951
C. AUTHORIZATION NOT YET IN INVENTORY.....		39,866
D. AUTHORIZATION REQUESTED IN THE FY 1996 PROGRAM.....		8,400
E. AUTHORIZATION REQUESTED IN THE FY 1997 PROGRAM.....		6,000
F. PLANNED IN NEXT FOUR YEARS (NEW MISSION ONLY).....		0
G. REMAINING DEFICIENCY.....		167,888
H. GRAND TOTAL.....		1,673,105

8. PROJECTS REQUESTED IN THE FY 1996 PROGRAM:

CATEGORY CODE	PROJECT NUMBER	PROJECT TITLE	COST ($000)	DESIGN STATUS START	DESIGN STATUS COMPLETE
141	39156	Deployment Staging Area	8,400	05/1994	09/1995
		TOTAL	8,400		

9. FUTURE PROJECTS:

CATEGORY CODE	PROJECT TITLE	COST ($000)
A. REQUESTED IN THE FY 1997 PROGRAM:		
171	Close Combat Tactical Training Building	6,000
	TOTAL	6,000

B. PLANNED NEXT FOUR 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

1. COMPONENT	FY 1996-1997 MILITARY CONSTRUCTION PROGRAM	2. DATE
ARMY		FEBRUARY 1995

INSTALLATION AND LOCATION: Fort Stewart Georgia

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES: (...CONTINUED)

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

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

1. COMPONENT	FY 1997 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
ARMY		FEBRUARY 1995

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
Fort Stewart Georgia	Close Combat Tactical Training Building

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
22696A	171	42250	Auth 6,000 Approp 6,000

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITY				3,992
CCTT Facility	SF	44,800	88.00	(3,942)
Covered Walkway	SF	300	10.12	(3)
Building Information Systems	LS	--	--	(47)
SUPPORTING FACILITIES				1,423
Electric Service	LS	--	--	(172)
Water, Sewer, Gas	LS	--	--	(27)
Paving, Walks, Curbs And Gutters	LS	--	--	(311)
Storm Drainage	LS	--	--	(56)
Site Imp(311) Demo( )	LS	--	--	(311)
Information Systems	LS	--	--	(546)
ESTIMATED CONTRACT COST				5,415
CONTINGENCY PERCENT (5.00%)				271
SUBTOTAL				5,686
SUPERVISION, INSPECTION & OVERHEAD (6.00%)				341
TOTAL REQUEST				6,027
TOTAL REQUEST (ROUNDED)				6,000
INSTALLED EQUIPMENT-OTHER APPROPRIATIONS				(10,402)

10. Description of Proposed Construction: Construct a permanent Regional Air/Land Battle Emulation Complex to accommodate a Close Combat Tactical Trainer (CCTT) with 38 fixed tactical vehicle modules. The facility includes a simulator bay, maintenance areas, after-action review rooms, conference room, office space, library, mechanical room, mud room, latrines, and storage area. There is also a covered walkway linking the simulator bays of this facility and that of the existing simulations networking (SIMNET) facility. Supporting facilities include utilities; electric service; exterior lighting; fire protection and alarm systems; paving, walks curbs and gutters; upgrade access road; remove existing apron and fencing; parking; oil-water separator; storm drainage; fencing and gates; information systems; site improvements; and special site unique lightning protection. Access for the handicapped will be provided. Heating will be provided by a self-contained system. Air conditioning: 300 tons. Comprehensive interior design service is requested.

11. REQUIREMENT: 44,800 SF ADEQUATE: NONE SUBSTANDARD: NONE

PROJECT: Construct a Regional Air/Land Battle Emulation Complex to accommodate a CCTT. (New Mission)

1.COMPONENT	FY 1997 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		FEBRUARY 1995

3.INSTALLATION AND LOCATION

Fort Stewart, Georgia

4.PROJECT TITLE	5.PROJECT NUMBER
Close Combat Tactical Training Building	42250

REQUIREMENT: This project will provide the facility to support a combined arms tactical training system complex. This facility and equipment will provide the capability to train individual and collective (crew through battalion task force) tasks and skills in command, control, and communications, and maneuver, and to integrate the functions of combat support service support units. The facility will house a group of fully interactive networked emulators and command, control, and communications work stations, simulating the vehicles and weapons systems of an armor battalion task force and its supporting combat, combat support, and combat service support elements, operating on an emulated real-time battlefield. This training facility will provide highly effective, combined arms training in a simulation environment. Training received in this facility will greatly reduce the requirement for expensive, equipment intensive, field tactical exercises.

CURRENT SITUATION: This project will support a new Army/Department of Defense initiative for a worldwide training system. Adequate facilities to support this developing family of training simulators are not available at Fort Stewart. Currently, tactical combined arms training is achieved by using tactical vehicles and soldiers in field training exercises. This expensive, equipment intensive method of training reduces the operational life of tactical equipment.

IMPACT IF NOT PROVIDED: If this project is not provided, greater reliance on the use of field exercises will continue. Increasing costs, decreasing budgets, and environmental concerns are eroding the amount and quality of tactical combat training provided to modern soldiers. Failure to fund this project will prevent the Army from providing a lower cost alternative to augment and enhance field training. Field exercises will continue to place unnecessary wear and tear on combat equipment and consume larger quantities of fuel. The Army will miss an opportunity to train for tactical superiority in the battlefield environment.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and all required physical security and/or combatting terrorism (CBT/T) measures are included. This project complies with the scope and design criteria of DOD 4270.1-M, "Construction Criteria," that were in effect 1 January 1987, as implemented by the Army's Architectural and Engineering Instructions (AEI), "Design Criteria," dated 9 December 1991, with the 18 September 1992 and all subsequent revisions included in the Design Criteria Information System (DCIS). Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement.

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

1. COMPONENT	FY 1997 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
ARMY		FEBRUARY 1995

3. INSTALLATION AND LOCATION

Fort Stewart, Georgia

4. PROJECT TITLE	5. PROJECT NUMBER
Close Combat Tactical Training Building	42250

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

(a)	Design Start Date	JAN 1995
(b)	Percent Complete As Of 01 January 96 (BDGT YR)	50
(c)	Percent Complete As Of 01 October 96 (PROG YR)	100
(d)	Design Complete Date	SEP 1996

(2) Basis:

(a) Standard or Definitive Design - (YES/NO) Y

(b) Where Design Was Most Recently Used
Fort Hood

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

		($000)
(a)	Production of Plans and Specifications	300
(b)	All Other Design Costs	180
(c)	Total Design Cost	480
(d)	Contract	360
(e)	In-house	120

(4) Construction Start: JAN 1997
month & year

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

Equipment Nomenclature	Procuring Appropriation	Fiscal Year Appropriated Or Requested	Cost ($000)
Simulators	OPA	1997	10,400
Info Sys - ISC	OPA	1997	2
		TOTAL	10,402

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DEPARTMENT OF THE ARMY
FISCAL YEAR 1997
MILITARY CONSTRUCTION (PART I)
(DOLLARS ARE IN THOUSANDS)

STATE	PROJECT NUMBER	INSTALLATION (COMMAND) / PROJECT TITLE	AUTHORIZATION REQUEST	APPROPRIATION REQUEST	PAGE
Hawaii		Schofield Barracks (USARPAC)			35
	42470	Whole Barracks Complex Renewal	35,000	35,000	37
		Subtotal Schofield Barracks PART I	$ 35,000	35,000	
		* TOTAL MCA FOR Hawaii	$ 35,000	35,000	

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1. COMPONENT	FY 1996-1997 MILITARY CONSTRUCTION PROGRAM	2. DATE
ARMY		FEBRUARY 1995

3. INSTALLATION AND LOCATION	4. COMMAND	5. AREA CONSTRUCTION COST INDEX
Schofield Barracks Hawaii	US Army Pacific	1.73

6. PERSONNEL STRENGTH:

	PERMANENT			STUDENTS			SUPPORTED			
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF 30 SEP 1994	1475	14207	975	0	75	0	127	1605	1981	20,445
B. END FY 2000	1511	14120	1343	0	100	0	127	1647	1985	20,833

7. INVENTORY DATA ($000)

A. TOTAL ACREAGE.....	53,005 AC
B. INVENTORY TOTAL AS OF 30 SEP 1994.....	2,523,816
C. AUTHORIZATION NOT YET IN INVENTORY.....	81,305
D. AUTHORIZATION REQUESTED IN THE FY 1996 PROGRAM.....	0
E. AUTHORIZATION REQUESTED IN THE FY 1997 PROGRAM.....	35,000
F. PLANNED IN NEXT FOUR YEARS (NEW MISSION ONLY).....	0
G. REMAINING DEFICIENCY.....	149,266
H. GRAND TOTAL.....	2,789,387

8. PROJECTS REQUESTED IN THE FY 1996 PROGRAM: NONE

9. FUTURE PROJECTS:

CATEGORY CODE	PROJECT TITLE	COST ($000)
A. REQUESTED IN THE FY 1997 PROGRAM:		
721	Whole Barracks Complex Renewal	35,000
	TOTAL	35,000

B. PLANNED NEXT FOUR 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.

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 1997 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		FEBRUARY 1995

3.INSTALLATION AND LOCATION	4.PROJECT TITLE
Schofield Barracks Hawaii	Whole Barracks Complex Renewal

5.PROGRAM ELEMENT	6.CATEGORY CODE	7.PROJECT NUMBER	8.PROJECT COST ($000)
22496A	721	42470	Auth 35,000 Approp 35,000

9.COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITY				22,674
Barracks	SF	127,590	176.00	(22,456)
Multipurpose Court	LS	--	--	(113)
Building Information Systems	LS	--	--	(105)
SUPPORTING FACILITIES				8,650
Electric Service	LS	--	--	(786)
Water, Sewer, Gas	LS	--	--	(828)
Paving, Walks, Curbs And Gutters	LS	--	--	(2,317)
Storm Drainage	LS	--	--	(1,983)
Site Imp(1,867) Demo(751)	LS	--	--	(2,618)
Information Systems	LS	--	--	(118)
ESTIMATED CONTRACT COST				31,324
CONTINGENCY PERCENT (5.00%)				1,566
SUBTOTAL				32,890
SUPERVISION, INSPECTION & OVERHEAD (6.50%)				2,138
TOTAL REQUEST				35,028
TOTAL REQUEST (ROUNDED)				35,000
INSTALLED EQUIPMENT-OTHER APPROPRIATIONS				(1)

10.Description of Proposed Construction

Construct two standard-design barracks. Project includes elevators, living/sleeping rooms, private bath, storage, walk-in closets, laundry, dayroom, and a multi-purpose court. Supporting facilities include utilities; electric service; exterior lighting; fire protection and alarm systems; paving, walks, curbs and gutters; parking; fencing and gates; lawn sprinkler system; storm drainage; information systems; outdoor recreation areas; and site improvements. Infrastructure for cable television service will be provided for the barracks. Air conditioning (574 tons) will be provided by a chilled water system. Demolish 11 buildings (62,625 SF) to include asbestos removal within the footprint. Comprehensive building and furnishings related interior design services are requested.

11. REQUIREMENT: 10,000 PN ADEQUATE: 1,000 PN SUBSTANDARD: 7,971 PN

PROJECT: Construct two standard-design barracks to meet the Whole Barracks Renewal Program Standards. (Current Mission)

REQUIREMENT: This project will provide adequate barracks for a total maximum utilization of 420 enlisted personnel (E1-E4) of the 25th Infantry Division (Light), 3rd Brigade. This project is the second of many projects in a strategy to bring all billets into compliance with current criteria of the

1.COMPONENT	FY 1997 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		FEBRUARY 1995

3.INSTALLATION AND LOCATION

Schofield Barracks, Hawaii

4.PROJECT TITLE	5.PROJECT NUMBER
Whole Barracks Complex Renewal	42470

REQUIREMENT: (CONTINUED)
Army Whole Barracks Renewal Program standards. This project is essential for implementing the long-range plan to provide adequate barracks for the entire brigade. The new UEPH facility will house personnel that will be displaced during the modernization of existing substandard barracks scheduled in future years. This project is a part of an Infantry Brigade Area Barracks Complex which includes construction of barracks for a maximum utilization of 1,000 persons, company operation/battalion headquarters buildings, a brigade headquarters building, and a dining facility, for the Infantry Brigade.
CURRENT SITUATION: Personnel are currently housed in an existing substandard (90 SF per person) barracks building located on Schofield Barracks earmarked for revitalization. Existing living accommodations do not meet current Army standards. The soldiers still use gang latrines and showers, and the existing buildings lack proper plumbing, lighting, ventilation, and permanent partitions for security, privacy, comfort and noise abatement. Billeting is currently located in the same building as the unit operations and headquarters facilities. It is estimated that approximately 30 percent of billeting spaces will be lost when barracks are revitalized to meet the Whole Barracks Renewal criteria. This equates to a loss of approximately 2,800 billeting spaces for Army installations in Hawaii. This project will help to alleviate a portion of the lost spaces due to revitalization. Additional barracks are programmed in subsequent years to eliminate the remaining deficit.
IMPACT IF NOT PROVIDED: If this project is not provided, personnel will continue to live in deteriorated barracks facilities constructed in 1921 and below current Army standards of living. Personnel must double-up in living quarters that are currently substandard or live off-base during the modernization of existing barracks scheduled for oncoming years. This will adversely affect the soldiers' quality-of-life, morale, and ultimately, unit readiness. Poor billeting conditions is an irritant to the enlisted personnel and a known contributor to low reenlistment and retention rates. 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 no physical security and/or combatting terrorism (CBT/T) measures are required. This project complies with the scope and design criteria of DOD 4270.1-M, "Construction Criteria," that were in effect 1 January 1987, as implemented by the Army's Architectural and Engineering Instruction (AEI), "Design Criteria," dated 9 December 1991, with the 18 September 1992 and all subsequent revisions included in the Design Criteria Information System (DCIS). This project is a critical phase in the Capital Investment Strategy to bring all billeting in Hawaii up to the Whole Barracks Renewal standards. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement.

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

1. COMPONENT	FY 1997 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
ARMY		FEBRUARY 1995

3. INSTALLATION AND LOCATION

Schofield Barracks, Hawaii

4. PROJECT TITLE	5. PROJECT NUMBER
Whole Barracks Complex Renewal	42470

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

(a)	Design Start Date	JAN 1995
(b)	Percent Complete As Of 01 January 96 (BDGT YR)	35
(c)	Percent Complete As Of 01 October 96 (PROG YR)	100
(d)	Design Complete Date	SEP 1996

(2) Basis:

(a) Standard or Definitive Design - (YES/NO) Y

(b) Where Design Was Most Recently Used
Schofield Barracks

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

		($000)
(a)	Production of Plans and Specifications	1,379
(b)	All Other Design Costs	721
(c)	Total Design Cost	2,100
(d)	Contract	
(e)	In-house	2,100

(4) Construction Start ..... JUN 1997
month & year

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

Equipment Nomenclature	Procuring Appropriation	Fiscal Year Appropriated Or Requested	Cost ($000)
Info Sys - ISC	OPA	1997	1
		TOTAL	1

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DEPARTMENT OF THE ARMY
FISCAL YEAR 1997
MILITARY CONSTRUCTION (PART I)
(DOLLARS ARE IN THOUSANDS)

STATE	PROJECT NUMBER	INSTALLATION (COMMAND) / PROJECT TITLE	AUTHORIZATION REQUEST	APPROPRIATION REQUEST	PAGE
Kansas		Fort Leavenworth (TRADOC)			43
	41069	US Disciplinary Barracks	58,900	58,900	45
		Subtotal Fort Leavenworth PART I	$ 58,900	58,900	
		* TOTAL MCA FOR Kansas	$ 58,900	58,900	

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1. COMPONENT	FY 1996-1997 MILITARY CONSTRUCTION PROGRAM	2. DATE
ARMY		FEBRUARY 1995

3. INSTALLATION AND LOCATION	4. COMMAND	5. AREA CONSTRUCTION COST INDEX
Fort Leavenworth Kansas	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 1994	1014	1332	1823	1990	1	79	187	19	1529	7,974
B. END FY 2000	971	1147	1536	1906	0	76	161	18	1558	7,373

7. INVENTORY DATA ($000)

A. TOTAL ACREAGE.....	7,011 AC	
B. INVENTORY TOTAL AS OF 30 SEP 1994.....		781,999
C. AUTHORIZATION NOT YET IN INVENTORY.....		15,214
D. AUTHORIZATION REQUESTED IN THE FY 1996 PROGRAM.....		0
E. AUTHORIZATION REQUESTED IN THE FY 1997 PROGRAM.....		58,900
F. PLANNED IN NEXT FOUR YEARS (NEW MISSION ONLY).....		0
G. REMAINING DEFICIENCY.....		52,037
H. GRAND TOTAL.....		908,150

8. PROJECTS REQUESTED IN THE FY 1996 PROGRAM: NONE

9. FUTURE PROJECTS:

CATEGORY CODE	PROJECT TITLE	COST ($000)
A. REQUESTED IN THE FY 1997 PROGRAM:		
721	US Disciplinary Barracks	58,900
	TOTAL	58,900

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

10. MISSION OR MAJOR FUNCTIONS:

Provides administrative and logistical support to US Army Command and General Staff College, US Army Disciplinary Barracks, US Army Combined Arms Center and other tenant organizations.

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 1997 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		FEBRUARY 1995

3.INSTALLATION AND LOCATION	4.PROJECT TITLE
Fort Leavenworth Kansas	US Disciplinary Barracks

5.PROGRAM ELEMENT	6.CATEGORY CODE	7.PROJECT NUMBER	8.PROJECT COST ($000)	
			Auth	58,900
85796A	721	41069	Approp	58,900

9.COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITY				41,419
Confinement Housing	SF	120,189	115.13	(13,837)
Special Housing	SF	38,954	126.63	(4,933)
Administration/Security	SF	21,885	111.11	(2,432)
Entry/Visiting	SF	6,175	115.21	(711)
Staff Area	SF	2,530	91.00	(230)
Total from Continuation page				(19,276)
SUPPORTING FACILITIES				11,501
Electric Service	LS	--	--	(2,174)
Water, Sewer, Gas	LS	--	--	(2,136)
Steam And/Or Chilled Water Distr	LS	--	--	(593)
Paving, Walks, Curbs And Gutters	LS	--	--	(1,311)
Storm Drainage	LS	--	--	(441)
Site Imp(4,039) Demo( )	LS	--	--	(4,039)
Information Systems	LS	--	--	(807)
ESTIMATED CONTRACT COST				52,920
CONTINGENCY PERCENT (5.00%)				2,646
SUBTOTAL				55,566
SUPERVISION, INSPECTION & OVERHEAD (6.00%)				3,334
TOTAL REQUEST				58,900
TOTAL REQUEST (ROUNDED)				58,900
INSTALLED EQUIPMENT-OTHER APPROPRIATIONS				(2,385)

10.Description of Proposed Construction

Construct a 512 person maximum security incarceration/rehabilitation facility. Primary facilities include general and special confinement housing with showers and latrines, administrative and entry/visiting/staff space, armory, kitchen and dining area, medical and dental facilities, storage area, perimeter security fencing, guard house, educational and vocational training space, gymnasium, outdoor recreation space, religious and library area, maintenance shops, warehouse space, laundry, and hazardous materials storage. Prewired workstations will be provided in administrative areas. An interior design package including kitchen, laundry and medical/dental layouts will be provided. All primary facilities will be connected to the existing energy monitoring and control system (EMCS) and will be provided with a fire alarm and protection system, and an electronic security system. Supporting facilities include utilities; electric service; perimeter lighting; fire protection and alarm systems; paving, walks, curbs and gutters; parking; storm drainage; information systems; and site improvements. Access for the handicapped will be provided. Heating will be provided by a centralized utility plant with gas-fired boilers. Air conditioning: 1,200 tons. Lay away existing castle (318,686 SF).

1.COMPONENT	FY 1997 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		FEBRUARY 1995

3.INSTALLATION AND LOCATION

Fort Leavenworth, Kansas

4.PROJECT TITLE	5.PROJECT NUMBER
US Disciplinary Barracks	41069

9. COST ESTIMATES (CONTINUED)

Item	U/M	QTY	Unit COST	Cost ($000)
PRIMARY FACILITY (CONTINUED)				
Medical Health Services	SF	8,750	133.17	(1,165)
Food Service	SF	20,700	133.26	(2,758)
Intake/Release & Assessment	SF	3,821	126.59	(484)
Field House	SF	570	71.66	(41)
Libraries Area	SF	3,074	106.26	(327)
Education	SF	7,793	105.63	(823)
Recreation/Gymnasium	SF	17,029	72.30	(1,231)
Religious/Mental Health	SF	3,500	112.44	(394)
Vocational	SF	33,120	71.42	(2,365)
Laundry Services	SF	8,393	111.18	(933)
Guard House	SF	1,969	450.00	(886)
Maintenance Shop	SF	4,885	64.24	(314)
Warehouse	SF	19,591	44.44	(871)
HAZMAT Storage	SF	150	126.75	(19)
Central Utility Plant	SF	11,689	375.59	(4,390)
Inmate Barber Shop	SF	480	95.43	(46)
EMCS Connection	LS	--	--	(54)
Prewired Workstation	EA	50	4,590	(230)
Fence Vibration System	LF	3,100	291.65	(904)
Building Information Systems	LS	--	--	(1,041)
			Total	19,276

11. REQUIREMENT: 334,947 SF ADEQUATE: NONE SUBSTANDARD: 318,686 SF

PROJECT: Construct a 512 person maximum security correctional/rehabilitation facility. (Current Mission)

REQUIREMENT: This project is required to support the Army's Executive Agent mission to safely incarcerate military inmates from all services and conduct correctional/rehabilitation treatment. Incarceration is not limited to confinement housing, but also includes facilities to support the physical, mental, spiritual and vocational growth of inmates.

CURRENT SITUATION: The USDB is the only existing maximum security corrections facility within the Department of Defense. It is an integral part of the military justice system and incarcerates the long-term inmates of all Services. Constructed in the early 1900s, the radial plan is comprised of four domicile wings with eight tiers of 40 cells, three administrative wings, one dining, and a central rotunda. The structural concrete walls, floors and roof are severely cracked, and the reinforcing is exposed and deteriorating. A structural analysis of the domiciles uncovered serious deficiencies in the steel, concrete, and masonry construction. Collapse of the facility is

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

1.COMPONENT	FY 1997 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		FEBRUARY 1995

3.INSTALLATION AND LOCATION

Fort Leavenworth, Kansas

4.PROJECT TITLE	5.PROJECT NUMBER
US Disciplinary Barracks	41069

CURRENT SITUATION: (CONTINUED)
possible. The cell blocks are of considerable height causing temperature stratification which wastes fuel and inhibits proper ventilation. The antiquated design of the cell block areas necessitate excessive guard manpower to ensure proper custody and control of inmates.
IMPACT IF NOT PROVIDED: If this project is not provided, excessive operations and maintenance costs will continue. Valuable Military Police manpower will continue to be stretched to meet guard requirements. Structural deterioration of the present facility will continue resulting in possible structural failure. Actual failure of the domicile building would result in the possible serious injury or death of guards and inmates.
ADDITIONAL: This project has been coordinated with the installation physical security plan, and all required physical security and/or combatting terrorism (CBT/T) measures are included. This project complies with the scope and design criteria of DOD 4270.1-M, "Construction Criteria," that were in effect 1 January 1987, as implemented by the Army's Architectural and Engineering Instructions (AEI), "Design Criteria," dated 9 December 1991, with the 18 September 1992 and all subsequent revisions included in the Design Criteria Information System (DCIS). An economic analysis has been prepared and utilized in evaluating this project.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

(a)	Design Start Date	JUL 1994
(b)	Percent Complete As Of 01 January 96 (BDGT YR)	60
(c)	Percent Complete As Of 01 October 96 (PROG YR)	100
(d)	Design Complete Date	JUN 1996

(2) Basis:

(a) Standard or Definitive Design - (YES/NO) N
(b) Where Design Was Most Recently Used

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

(a)	Production of Plans and Specifications	3,350
(b)	All Other Design Costs	2,010
(c)	Total Design Cost	5,360
(d)	Contract	4,020
(e)	In-house	1,340

(4) Construction Start: OCT 1996
month & year

1.COMPONENT	FY 1997 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		FEBRUARY 1995

3.INSTALLATION AND LOCATION

Fort Leavenworth, Kansas

4.PROJECT TITLE	5.PROJECT NUMBER
US Disciplinary Barracks	41069

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)
Elect Security	OPA	1997	500
Info Sys - ISC	OPA	1997	1,782
Info Sys - PROP	OPA	1997	103
		TOTAL	2,385

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

DEPARTMENT OF THE ARMY
FISCAL YEAR 1997
MILITARY CONSTRUCTION (PART I)
(DOLLARS ARE IN THOUSANDS)

STATE	PROJECT NUMBER	INSTALLATION (COMMAND) / PROJECT TITLE	AUTHORIZATION REQUEST	APPROPRIATION REQUEST	PAGE
Texas		Fort Hood (FORSCOM)			51
	23646	Whole Barracks Complex Renewal	50,000	50,000	53
	40624	Close Combat Tactical Training Building II	5,900	5,900	57
		Subtotal Fort Hood PART I	$ 55,900	55,900	
		* TOTAL MCA FOR Texas	$ 55,900	55,900	

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1. COMPONENT	FY 1996-1997 MILITARY CONSTRUCTION PROGRAM	2. DATE
ARMY		FEBRUARY 1995

3. INSTALLATION AND LOCATION	4. COMMAND	5. AREA CONSTRUCTION COST INDEX
Fort Hood Texas	US Army Forces Command	0.90

6. PERSONNEL STRENGTH:

	PERMANENT			STUDENTS			SUPPORTED			
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF 30 SEP 1994	4822	39643	4003	0	238	0	82	273	1595	50,656
B. END FY 2000	4586	38386	3336	0	271	0	78	266	3247	50,170

7. INVENTORY DATA ($000)

A. TOTAL ACREAGE.....	217,427 AC	
B. INVENTORY TOTAL AS OF 30 SEP 1994.....		3,459,818
C. AUTHORIZATION NOT YET IN INVENTORY.....		139,926
D. AUTHORIZATION REQUESTED IN THE FY 1996 PROGRAM.....		17,500
E. AUTHORIZATION REQUESTED IN THE FY 1997 PROGRAM.....		55,900
F. PLANNED IN NEXT FOUR YEARS (NEW MISSION ONLY).....		0
G. REMAINING DEFICIENCY.....		146,877
H. GRAND TOTAL.....		3,820,021

8. PROJECTS REQUESTED IN THE FY 1996 PROGRAM:

CATEGORY CODE	PROJECT NUMBER	PROJECT TITLE	COST ($000)	DESIGN STATUS START	DESIGN STATUS COMPLETE
721	22612	Whole Barracks Complex Renewal	17,500	03/1994	09/1995
		TOTAL	17,500		

9. FUTURE PROJECTS:

CATEGORY CODE	PROJECT TITLE	COST ($000)
A. REQUESTED IN THE FY 1997 PROGRAM:		
721	Whole Barracks Complex Renewal	50,000
171	Close Combat Tactical Training Building II	5,900
	TOTAL	55,900

B. PLANNED NEXT FOUR 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.

1. COMPONENT	FY 1996-1997 MILITARY CONSTRUCTION PROGRAM	2. DATE
ARMY		FEBRUARY 1995

INSTALLATION AND LOCATION: Fort Hood Texas

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

1.COMPONENT	FY 1997 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		FEBRUARY 1995

3.INSTALLATION AND LOCATION	4.PROJECT TITLE
Fort Hood Texas	Whole Barracks Complex Renewal

5.PROGRAM ELEMENT	6.CATEGORY CODE	7.PROJECT NUMBER	8.PROJECT COST ($000)
22696A	721	23646	Auth 50,000 Approp 50,000

9.COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITY				40,955
Barracks	SF	303,880	96.50	(29,324)
Company Operations Building	SF	47,792	107.98	(5,161)
UPH Dining Fac	SF	14,116	163.48	(2,308)
Soldier Community Building	SF	34,834	96.50	(3,361)
IDS Installation	LS	--	--	(8)
Building Information Systems	LS	--	--	(793)
SUPPORTING FACILITIES				3,538
Electric Service	LS	--	--	(226)
Water, Sewer, Gas	LS	--	--	(366)
Steam And/Or Chilled Water Distr	LS	--	--	(140)
Paving, Walks, Curbs And Gutters	LS	--	--	(1,111)
Storm Drainage	LS	--	--	(35)
Site Imp(253) Demo(1,040)	LS	--	--	(1,293)
Information Systems	LS	--	--	(367)
ESTIMATED CONTRACT COST				44,493
CONTINGENCY PERCENT (5.00%)				2,225
SUBTOTAL				46,718
SUPERVISION, INSPECTION & OVERHEAD (6.00%)				2,803
TOTAL REQUEST				49,521
TOTAL REQUEST (ROUNDED)				50,000
INSTALLED EQUIPMENT-OTHER APPROPRIATIONS				(694)

10.Description of Proposed Construction

Construct a barracks complex. Project includes living/sleeping rooms, baths, walk-in closets, and balconies. Project also includes soldier community facilities (SCF) and a consolidated dining facility (CDF) with outdoor seating. The SCF includes a social gathering area, recreational and meeting space, laundry facilities, mail boxes, kitchens, activity rooms, linen issue, manager's office, and bulk storage. Eight company operation facilities (COF) will be provided in consolidated areas removed from the barracks. The COF includes shower and dressing areas. Remove asbestos and lead paint prior to demolition. Install an intrusion detection system (IDS). Supporting facilities include utilities; electric service; exterior lighting; fire protection and alarm systems; paving, walks, curbs and gutters; wash stations for TA-50 gear (organization equipment and field gear such as galoshes, ponchos, trousers, bags, canteens, sleeping mats); storm drainage; information systems; and site improvements. Access for the handicapped will be provided in the dining facility. Heating (gas-fired) and air conditioning (800 tons) will be provided by self-contained units. Demolish four buildings and an attached dining facility (96,045 SF) within the footprint. Comprehensive interior design services are requested.

1.COMPONENT	FY 1997 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		FEBRUARY 1995

3.INSTALLATION AND LOCATION

Fort Hood, Texas

4.PROJECT TITLE	5.PROJECT NUMBER
Whole Barracks Complex Renewal	23646

11. REQUIREMENT: 17,576 PN ADEQUATE: 11,640 PN SUBSTANDARD: 7,061 PN

PROJECT: Construct a barracks complex to meet the Whole Barracks Renewal Program Standard. (Current Mission)

REQUIREMENT: This project is required to continue modernizing barracks to provide adequate housing for 588 E1-E4 and 134 E5-E6 for a total of 722 enlisted personnel. Maximum utilization is 856 personnel. This project will replace buildings and utilities that are at the end of their economic life and provide a greatly improved quality-of-life environment for today's enlisted soldier. Significant shortfalls in company operations and supply space are reduced by providing new facilities. The remaining dining facility in the West Fort Hood (WFH)/Robert Gray Army Airfield (RGAA) area is not located within walking distance and does not have the capacity to handle the increased demand resulting from the additional soldiers which will be relocated from the main cantonment area.

CURRENT SITUATION: There are 102 permanent barracks buildings on Fort Hood. The 90000 block consists of two barracks. These barracks are currently being used for troop billets and administration. These buildings will be retained to support gereral purpose administration requirements at WFH. The 91000 block consists of four barracks; all will be replaced with this project. These barracks were constructed in the 1960s as troop billets and are now categorized substandard. They include multiple person rooms and gang latrines with rapidly deteriorating mechanical, electrical, and plumbing systems. The air conditioning system is inefficient and requires frequent repairs. The hot water system is unable to meet the demand at peak use times. The barracks are currently being used by the 504th Military Intelligence. Approximately half of the units scheduled to occupy the new barracks (1st Cavalry Aviation Brigade) must travel from the main cantonment area (current barracks location) to RGAA (work location). This is a distance of approximately ten miles. Company operations and supply for these units also are scattered between the cantonment area and RGAA. Maintenance space in the hangars at RGAA is diverted to company operations and supply to meet shortfall. There are two dining facilities now serving the WFH area. One of these facilities will be demolished by this project. The remaining dining facility can only serve 210 soldiers. These six buildings are presently utilized at a total of 434 spaces. After completion of the barracks complex, barracks capacity will be increased to 856 spaces to also accommodate the Aviation Brigade.

IMPACT IF NOT PROVIDED: If this project is not provided, outdated, inefficient facilities will continue to deteriorate. The units will continue to operate from facilities dispersed over a large area. Manpower will continue to be wasted on travel between the main cantonment and RGAA. Outdated dining facilities will be unable to provide adequate food services. Hangar maintenance space will continue to be diverted to company operations and supply, resulting in inefficient administrative and storage capabilities. Current routine maintenance in a period of declining resources will not meet

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

1.COMPONENT	FY 1997 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		FEBRUARY 1995

3.INSTALLATION AND LOCATION

Fort Hood, Texas

4.PROJECT TITLE	5.PROJECT NUMBER
Whole Barracks Complex Renewal	23646

IMPACT IF NOT PROVIDED: (CONTINUED)
the heavy demands and major system failures will occur. Manhours expended for backlog maintenance and repair will continue to increase. Quality-of-life program goals for enlisted soldiers cannot be met without this whole barracks project.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and no physical security and/or combatting terrorism (CBT/T) measures are required. This project complies with the scope and design criteria of DOD 4270.1-M, "Construction Criteria," that were in effect 1 January 1987, as implemented by the Army's Architectural and Engineering Instruction (AEI), "Design Criteria," dated 9 December 1991, with the 18 September 1992, the 3 July 1994, and all subsequent revisions included in the Design Criteria Information System (DCIS). An economic analysis has been prepared and utilized in evaluating this proejct.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

(a)	Design Start Date	JAN 1995
(b)	Percent Complete As Of 01 January 96 (BDGT YR)	35
(c)	Percent Complete As Of 01 October 96 (PROG YR)	100
(d)	Design Complete Date	SEP 1996

(2) Basis:

(a) Standard or Definitive Design - (YES/NO) Y

(b) Where Design Was Most Recently Used

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

		($000)
(a)	Production of Plans and Specifications	2,000
(b)	All Other Design Costs	400
(c)	Total Design Cost	2,400
(d)	Contract	400
(e)	In-house	2,000

(4) Construction Start: JAN 1997 (month & year)

1. COMPONENT	FY 1997 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
ARMY		FEBRUARY 1995

3. INSTALLATION AND LOCATION

Fort Hood, Texas

4. PROJECT TITLE	5. PROJECT NUMBER
Whole Barracks Complex Renewal	23646

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)
Kitchen Equipment	OPA	1998	500
IDS Equipment	OPA	1998	12
Info Sys - ISC	OPA	1997	577
Info Sys - PROP	OPA	1997	81
		TOTAL	1,170

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

1. COMPONENT	FY 1997 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
ARMY		FEBRUARY 1995

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
Fort Hood Texas	Close Combat Tactical Training Building II

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
22696A	171	40624	Auth 5,900 Approp 5,900

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITY				4,319
Regional A/L Battle Emulation	SF	44,800	91.00	(4,077)
Hardstand	SY	3,400	34.00	(116)
EMCS Connection	LS	--	--	(5)
Building Information Systems	LS	--	--	(121)
SUPPORTING FACILITIES				955
Electric Service	LS	--	--	(175)
Water, Sewer, Gas	LS	--	--	(48)
Paving, Walks, Curbs And Gutters	LS	--	--	(243)
Storm Drainage	LS	--	--	(127)
Site Imp(329) Demo( )	LS	--	--	(329)
Information Systems	LS	--	--	(33)
ESTIMATED CONTRACT COST				5,274
CONTINGENCY PERCENT (5.00%)				264
SUBTOTAL				5,538
SUPERVISION, INSPECTION & OVERHEAD (6.00%)				332
TOTAL REQUEST				5,870
TOTAL REQUEST (ROUNDED)				5,900
INSTALLED EQUIPMENT-OTHER APPROPRIATIONS				(9,434)

10. Description of Proposed Construction: Construct a Regional Air/Land Battle Emulation Complex (RALBEC) to accommodate a close combat tactical trainer (CCTT) with 38 fixed tactical vehicle modules. Project includes classrooms, briefing/debriefing area, current state-of-the-art audiovisual training rooms; administrative office space; storage areas for general, secure, and sensitive materials; spare parts, tool storage, repair and maintenance shop area; emergency generator; computer floor; hardstand; and loading docks. Connect energy monitoring and control system (EMCS). Supporting facilities include utilities; electric service; security lighting, fencing and gates; paving, walks, curbs and gutters; parking; storm drainage; information systems; and site improvements. Access for the handicapped will be provided. Heating (gas-fired) and air conditioning (275 tons) will be provided by self-contained systems. Demolish water lines (200 LF).

11. REQUIREMENT: 133,400 SF ADEQUATE: 43,800 SF SUBSTANDARD: NONE
PROJECT: Construct a Regional Air/Land Battle Emulation Complex. (New Mission)

1.COMPONENT	FY 1997 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		FEBRUARY 1995

3.INSTALLATION AND LOCATION	
Fort Hood, Texas	
4.PROJECT TITLE	5.PROJECT NUMBER
Close Combat Tactical Training Building II	40624

REQUIREMENT: This project is required to provide the second facility of a three-facility complex to support the combined arms tactical training system. This facility will contain equipment to provide a system to train and sustain individual and collective (crew through company task force) tasks and skills in command and control, communications, and maneuver, and to integrate the function of combat support and combat service support units. This is accomplished by using a group of fully interactive networked emulators and command, control and communications work stations, replicating the vehicles and weapons systems of a mechanized infantry or armor battalion task force and its supporting combat, combat support, and combat service support elements, operating on an emulated real-time battlefield.

CURRENT SITUATION: This is an Army/Department of Defense initiative; no facilities or equipment exist at Fort Hood that can provide or house this training system. Training of the individual to properly respond within the combined arms team is the keystone that will be emphasized and developed with this family of systems. Adequate existing facilities to support this mission are not available for this developing family of systems. Currently, tactical combined arms training is achieved by using tactical vehicles and soldiers in field training exercises. This method of training is expensive and equipment intensive, which reduces the operational life of the tactical equipment. Use of the combined arms tactical trainers provides an alternative to the use of tactical field exercises as the sole means to achieve totally trained forces.

IMPACT IF NOT PROVIDED: If this project is not provided, use of field exercise training events to train the soldier will continue. The present system of training is costly and relies on a diminishing base for funds and resources required for its support. As competition for funds intensifies, lower cost alternatives to augment and enhance field training must be developed. Continued use of "field" exercises places a high degree of wear on combat equipment for which funding is becoming more difficult to obtain. The use of a close combat tactical trainer system provides a highly effective training method at a lower cost, giving the Army tactical superiority in the battlefield environment.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and all required physical security and/or combatting terrorism (CBT/T) measures are included. This project complies with the scope and design criteria of DOD 4270.1-M, Construction Criteria, that were in effect 1 January 1987, as implemented by the Army's Architectural and Engineering Instructions (AEI), Design Criteria, dated 9 December 1991, with the 18 September 1992 and all subsequent revisions included in the Design Criteria Information System (DCIS). Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement.

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

1.COMPONENT	FY 1997 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		FEBRUARY 1995

3.INSTALLATION AND LOCATION

Fort Hood, Texas

4.PROJECT TITLE	5.PROJECT NUMBER
Close Combat Tactical Training Building II	40624

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

(a)	Design Start Date	FEB 1995
(b)	Percent Complete As Of 01 January 96 (BDGT YR)	50
(c)	Percent Complete As Of 01 October 96 (PROG YR)	100
(d)	Design Complete Date	SEP 1996

(2) Basis:

(a) Standard or Definitive Design - (YES/NO) Y

(b) Where Design Was Most Recently Used
Fort Hood

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

		($000)
(a)	Production of Plans and Specifications	354
(b)	All Other Design Costs	304
(c)	Total Design Cost	658
(d)	Contract	
(e)	In-house	658

(4) Construction Start: FEB 1997
month & year

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

Equipment Nomenclature	Procuring Appropriation	Fiscal Year Appropriated Or Requested	Cost ($000)
Simulators	OPA	1997	9,400
Info Sys - ISC	OPA	1997	10
Info Sys - PROP	OPA	1997	24
		TOTAL	9,434

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DEPARTMENT OF THE ARMY
FISCAL YEAR 1997
MILITARY CONSTRUCTION (PART I)
(DOLLARS ARE IN THOUSANDS)

STATE	PROJECT NUMBER	INSTALLATION (COMMAND) PROJECT TITLE	AUTHORIZATION REQUEST	APPROPRIATION REQUEST	PAGE
Virginia		Fort Eustis (TRADOC)			63
	35833	Whole Barracks Complex Renewal	12,000	12,000	65
		Subtotal Fort Eustis PART I	$ 12,000	12,000	
		* TOTAL MCA FOR Virginia	$ 12,000	12,000	

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1. COMPONENT	FY 1996-1997 MILITARY CONSTRUCTION PROGRAM	2. DATE
ARMY		FEBRUARY 1995

3. INSTALLATION AND LOCATION	4. COMMAND	5. AREA CONSTRUCTION COST INDEX
Fort Eustis Virginia	US Army Training and Doctrine Command	0.92

6. PERSONNEL STRENGTH:

	PERMANENT			STUDENTS			SUPPORTED			
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF 30 SEP 1994	629	3820	2258	345	1742	49	23	248	2075	11,189
B. END FY 2000	526	3652	2125	190	1549	18	26	98	2032	10,216

7. INVENTORY DATA ($000)

A. TOTAL ACREAGE.....	8,229 AC	
B. INVENTORY TOTAL AS OF 30 SEP 1994.....		908,943
C. AUTHORIZATION NOT YET IN INVENTORY.....		7,580
D. AUTHORIZATION REQUESTED IN THE FY 1996 PROGRAM.....		5,400
E. AUTHORIZATION REQUESTED IN THE FY 1997 PROGRAM.....		12,000
F. PLANNED IN NEXT FOUR YEARS (NEW MISSION ONLY).....		0
G. REMAINING DEFICIENCY.....		57,200
H. GRAND TOTAL.....		991,123

8. PROJECTS REQUESTED IN THE FY 1996 PROGRAM:

CATEGORY CODE	PROJECT NUMBER	PROJECT TITLE	COST ($000)	DESIGN START	DESIGN COMPLETE
171	15962	Deployment Training Facility	5,400	01/1994	05/1995
		TOTAL	5,400		

9. FUTURE PROJECTS:

CATEGORY CODE	PROJECT TITLE	COST ($000)
A. REQUESTED IN THE FY 1997 PROGRAM:		
721	Whole Barracks Complex Renewal	12,000
	TOTAL	12,000

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

10. MISSION OR MAJOR FUNCTIONS:

The mission of the US Army Transportation Center is to provide organization and training of all types of aircraft maintenance and transportation units as well as to provide logistical support to the US Army Transportation and Air Logistics School, the US Army Training Support Center, The 7th Transportation Group, the Transportation Engineering Agency and numerous support activities.

1. COMPONENT ARMY	FY 1996-1997 MILITARY CONSTRUCTION PROGRAM	2. DATE FEBRUARY 1995

INSTALLATION AND LOCATION: Fort Eustis Virginia

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

1. COMPONENT	FY 1997 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
ARMY		FEBRUARY 1995

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
Fort Eustis Virginia	Whole Barracks Complex Renewal

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
85796A	721	35833	Auth 12,000 Approp 12,000

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITY				8,706
Barracks	SF	62,400	106.00	(6,614)
Soldier Community Building	SF	15,785	106.00	(1,673)
EMCS Connection	LS	--	--	(198)
Building Information Systems	LS	--	--	(221)
SUPPORTING FACILITIES				2,002
Electric Service	LS	--	--	(117)
Water, Sewer, Gas	LS	--	--	(67)
Paving, Walks, Curbs And Gutters	LS	--	--	(534)
Storm Drainage	LS	--	--	(36)
Site Imp(297) Demo(807)	LS	--	--	(1,105)
Information Systems	LS	--	--	(143)
ESTIMATED CONTRACT COST				10,708
CONTINGENCY PERCENT (5.00%)				535
SUBTOTAL				11,243
SUPERVISION, INSPECTION & OVERHEAD (6.00%)				675
TOTAL REQUEST				11,918
TOTAL REQUEST (ROUNDED)				12,000
INSTALLED EQUIPMENT-OTHER APPROPRIATIONS				(6)

10. Description of Proposed Construction

Construct a standard-design barracks complex with a standard-design soldier community building (200 personnel). Project includes living/sleeping rooms, baths, and walk-in closets; service area; janitor closets; mechanical electrical rooms; and outside recreational areas. A soldier community building will be constructed as part of the complex to provide laundry, bulk storage area, dayrooms, lounges, cleaning equipment, and a mailroom. Project also includes electrical, mechanical, service elevator, information systems, noise attenuation, and energy conservation systems. Connect to the post-wide energy monitoring and control system (EMCS). Supporting facilities include utilities; electric service; exterior lighting; fire protection and alarm systems; paving, walks, curbs and gutters; patios and parking; fencing; water distribution systems; storm drainage; information systems; and site improvements. Heating and air conditioning (500 tons) will be provided by connection to an existing central energy plant. Demolish 16 buildings (65,938 SF) with asbestos removal. Provide comprehensive building and furnishings related interior design services.

11. REQUIREMENT: 3,271 PN ADEQUATE: 1,963 PN SUBSTANDARD: 2,265 PN

PROJECT: Construct a standard-design barracks complex with a standard-design

1.COMPONENT	FY 1997 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		FEBRUARY 1995

3.INSTALLATION AND LOCATION	
Fort Eustis, Virginia	
4.PROJECT TITLE	5.PROJECT NUMBER
Whole Barracks Complex Renewal	35833

PROJECT: (CONTINUED)
soldier community building to meet the Whole Barracks Renewal Program Standards. (Current Mission)
REQUIREMENT: This is the first in a series of four barracks renewal projects required to complete Fort Eustis' long range plan for barracks renewal and modernization. This project is required to provide adequate living quarters for unaccompanied, enlisted, permanent-party soldiers. Sufficient space and privary are essential to the successful accomplishment of the increasingly complex and essential job that today's soldier must perform. The lack of a comfortable living environment that provides the proper atmosphere in which to relax and enjoy leisure time, is a critical problem. Not only are the current conditions psychologically debilitating, but they are also a proven contributor to low performance and reenlistment. Individual living/sleeping rooms with built-in closets and semi-private bathroom facilities, and parking will provide the desired environment. The maximum and intended utilization of the new facility will be 474 enlisted personnel. This project will contribute to the health, welfare and morale of the service members residing in these barracks.
CURRENT SITUATION: These facilities, originally constructed in the 1950s, provide minimum adequacy standards for unaccompanied personnel housing. Latrine and shower facilities are central. Each building includes one company administration and supply area. These areas are inadequate to accommodate the two companies now housed in the buildings.
IMPACT IF NOT PROVIDED: If this project is not provided, substandard living accommodations for unaccompanied enlisted personnel will continue to be a major morale problem and descreaser of career attractiveness. The living environment will also not be consistent with the Army Communities of Excellence and whole barracks renewal standards. Rather than providing a private, quite, and leisurely atmosphere in which soldiers can relax at the end of the day, barracks life will continue to be an unpleasant experience for permanent-party enlisted soldiers. The goal of obtaining the highest quality-of-life possible for the soldier and the subsequent enhancement of productivity will not be realized.
ADDITIONAL: This project has been coordinated with the installation physical security plan, and all required physical security and/or combatting terrorism (CBT/T) measures are included. This project complies with the scope and design criteria of DOD 4270.1-M, Construction Criteria, that were in effect 1 January 1987, as implemented by the Army's Architectural and Engineering Instructions (AEI), Design Criteria, dated 9 December 1991, with the 18 September 1992 and all subsequent revisions included in the Design Criteria Information System (DCIS). An economic analysis has been prepared and utilized in evaluating this project.

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

1.COMPONENT	FY 1997 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		FEBRUARY 1995

3.INSTALLATION AND LOCATION

Fort Eustis, Virginia

4.PROJECT TITLE	5.PROJECT NUMBER
Whole Barracks Complex Renewal	35833

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

(a)	Design Start Date	MAR 1995
(b)	Percent Complete As Of 01 January 96 (BDGT YR)	45
(c)	Percent Complete As Of 01 October 96 (PROG YR)	100
(d)	Design Complete Date	SEP 1996

(2) Basis:

(a) Standard or Definitive Design - (YES/NO) Y

(b) Where Design Was Most Recently Used
USACE

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

(a)	Production of Plans and Specifications	590
(b)	All Other Design Costs	490
(c)	Total Design Cost	1,080
(d)	Contract	815
(e)	In-house	265

(4) Construction Start: OCT 1996
month & year

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

Equipment Nomenclature	Procuring Appropriation	Fiscal Year Appropriated Or Requested	Cost ($000)
Info Sys - ISC	OPA	1997	6
		TOTAL	6

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DEPARTMENT OF THE ARMY
FISCAL YEAR 1997
MILITARY CONSTRUCTION (PART I)
(DOLLARS ARE IN THOUSANDS)

STATE	PROJECT NUMBER	INSTALLATION (COMMAND) / PROJECT TITLE	AUTHORIZATION REQUEST	APPROPRIATION REQUEST	PAGE
Washington		Fort Lewis (FORSCOM)			71
	41545	Whole Brigade Complex Renewal	75,000	75,000	73
	44426	Tank Trail Erosion Mitigation-Yakima	2,000	2,000	77
		Subtotal Fort Lewis PART I	$ 77,000	77,000	
		* TOTAL MCA FOR Washington	$ 77,000	77,000	
** TOTAL INSIDE THE UNITED STATES FOR MCA			$ 308,700	308,700	

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1. COMPONENT	FY 1996-1997 MILITARY CONSTRUCTION PROGRAM	2. DATE
ARMY		FEBRUARY 1995

3. INSTALLATION AND LOCATION	4. COMMAND	5. AREA CONSTRUCTION COST INDEX
Fort Lewis Washington	US Army Forces Command	1.08

6. PERSONNEL STRENGTH:

	PERMANENT			STUDENTS			SUPPORTED			
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF 30 SEP 1994	2317	15624	3729	13	28	0	47	127	587	22,472
B. END FY 2000	2282	15284	3201	6	175	0	52	137	2210	23,347

7. INVENTORY DATA ($000)

A. TOTAL ACREAGE.....	95,017 AC	
B. INVENTORY TOTAL AS OF 30 SEP 1994.....		2,860,555
C. AUTHORIZATION NOT YET IN INVENTORY.....		138,542
D. AUTHORIZATION REQUESTED IN THE FY 1996 PROGRAM.....		32,100
E. AUTHORIZATION REQUESTED IN THE FY 1997 PROGRAM.....		77,000
F. PLANNED IN NEXT FOUR YEARS (NEW MISSION ONLY).....		0
G. REMAINING DEFICIENCY.....		249,458
H. GRAND TOTAL.....		3,357,655

8. PROJECTS REQUESTED IN THE FY 1996 PROGRAM:

CATEGORY CODE	PROJECT NUMBER	PROJECT TITLE	COST ($000)	DESIGN STATUS START	DESIGN STATUS COMPLETE
179	43326	Multi-Purpose Training Range-Yakima	8,500	05/1994	09/1995
123	43496	Consolidated Fuel Station	3,400	05/1994	09/1995
851	43339	Rail Spur & Tank Trails-Yakima	3,200	12/1993	09/1995
851	44164	Tank Trail Erosion Mitigation-Yakima	2,000	06/1994	08/1995
214	19280	Tactical Equipment Shop	15,000	06/1994	09/1995
		TOTAL	32,100		

9. FUTURE PROJECTS:

CATEGORY CODE	PROJECT TITLE	COST ($000)
A. REQUESTED IN THE FY 1997 PROGRAM:		
721	Whole Brigade Complex Renewal	75,000
851	Tank Trail Erosion Mitigation-Yakima	2,000
	TOTAL	77,000

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

10. MISSION OR MAJOR FUNCTIONS:

Support and training of I Corps Headquarters and organizations assigned to I Corps, including a motorized brigade. Support Madigan Army Medical Center and Reserve Component annual training. Ensure the most efficient utilization of resources to operate Fort Lewis and accomplish all assigned missions. Conduct mobilization operations to meet wartime requirements. Conduct operations in support of civil

1. COMPONENT	FY 1996-1997 MILITARY CONSTRUCTION PROGRAM	2. DATE
ARMY		FEBRUARY 1995

INSTALLATION AND LOCATION: Fort Lewis Washington

10. MISSION OR MAJOR FUNCTIONS: (...CONTINUED)
authorities in domestic emergencies.

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

1.COMPONENT	FY 1997 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		FEBRUARY 1995

3.INSTALLATION AND LOCATION	4.PROJECT TITLE
Fort Lewis Washington	Whole Brigade Complex Renewal

5.PROGRAM ELEMENT	6.CATEGORY CODE	7.PROJECT NUMBER	8.PROJECT COST ($000)
22696A	721	41545	Auth 75,000 Approp 75,000

9.COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITY				52,502
Barracks	SF	189,000	109.00	(20,601)
Soldier Community Facilities	SF	44,564	109.00	(4,857)
Dining facility	SF	15,042	180.00	(2,708)
Company Operations Facilities	SF	89,928	112.00	(10,072)
Battalion Admin/classroom Bldg	SF	49,170	116.00	(5,704)
Total from Continuation page				(8,560)
SUPPORTING FACILITIES				15,280
Electric Service	LS	--	--	(1,142)
Water, Sewer, Gas	LS	--	--	(2,574)
Paving, Walks, Curbs And Gutters	LS	--	--	(3,151)
Storm Drainage	LS	--	--	(854)
Site Imp(6,203) Demo( )	LS	--	--	(6,203)
Information Systems	LS	--	--	(1,356)
ESTIMATED CONTRACT COST				67,782
CONTINGENCY PERCENT (5.00%)				3,389
SUBTOTAL				71,171
SUPERVISION, INSPECTION & OVERHEAD (6.00%)				4,270
TOTAL REQUEST				75,441
TOTAL REQUEST (ROUNDED)				75,000
INSTALLED EQUIPMENT-OTHER APPROPRIATIONS				(2,070)

10.Description of Proposed Construction

Construct a barracks complex and arterial infrastructure for North Fort Lewis barracks renewal. Barracks complex to include a consolidated standard-design dining facility, six medium and four large separate company administration and supply facilities, battalion headquarters, arms room, and brigade command and control. Barracks work includes living/sleeping rooms, private baths, walk-in closets, dayroom, storage, and laundry. Supporting facilities include utilities; electric service; security and street lighting; fire protection and alarm systems; paving, walks, curbs and gutters; storm and sanitary sewers; information systems; and site improvements. Arterial infrastructure includes utilities; street lighting; paving, walks, curbs and gutters; storm sewers; site improvements; remove pavement (24,500 SY); and increased capacity of the arterial for whole neighborhood revitalization. Install an intrusion detection system (IDS) in battalion and brigades. Access for the handicapped will be provided in brigade command and control, and battalion headquarters. Heating will be provided by dual fuel (gas/oil-fired) self-contained systems. Mechanical ventilation: 900,000 CFM. Supporting facilities cost is high due to replacement of streets and associated utilities. Provide comprehensive building and furnishings related interior design services.

1.COMPONENT	FY 1997 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		FEBRUARY 1995

3.INSTALLATION AND LOCATION

Fort Lewis, Washington

4.PROJECT TITLE	5.PROJECT NUMBER
Whole Brigade Complex Renewal	41545

9. COST ESTIMATES (CONTINUED)

Item	U/M	QTY	Unit COST	Cost ($000)
PRIMARY FACILITY (CONTINUED)				
Brigade Command & Control	SF	23,200	116.00	(2,691)
IDS Installation	LS	--	--	(74)
Utilities	LS	--	--	(773)
Roadways	LS	--	--	(1,837)
Site improvements	LS	--	--	(1,859)
Building Information Systems	LS	--	--	(1,326)
			Total	8,560

11. REQUIREMENT: 10,167 PN ADEQUATE: 1,605 PN SUBSTANDARD: 7,587 PN

PROJECT: Construct a barracks complex with a consolidated standard-design dining facility, company administration and supply, battalion headquarters, and brigade command and control to meet the Whole Barracks Renewal Program Standard. Construct North Fort arterial infrastructure. (Current Mission)

REQUIREMENT: This project is required to replace the living, dining, and administrative facilities. This project will provide housing for approximately 450 enlisted personnel (300 E1-E4, 150 E5-E6). Maximum utilization is 600 enlisted personnel. A permanent consolidated (medium standard) dining facility is needed to provide food service to the units. Company administration and supply, battalion headquarters, and brigade command and control facilities are needed to provide company, battalion, and brigade level operations. The arterial infrastructure will meet the requirements for programming utility work.

CURRENT SITUATION: Currently, troop housing and administrative facilities are in temporary buildings built in 1945-46. Operation and Maintenance (OMA) dollars are currently spent on these facilities which are in marginal condition and have exceeded their economic lives. Construction of permanent facilities will significantly increase the quality of life for soldiers and will save OMA dollars by eliminating high operation, painting, and repair costs in the current facilities. The situation is becoming increasingly urgent in light of reduced OMA budgets and progressive deterioration of the buildings. The arterial network will be overloaded when full stationing of troops at North Fort Lewis occurs.

IMPACT IF NOT PROVIDED: If this project is not provided, these units will live and work in temporary World War II (WWII) buildings. OMA costs will continue to accelerate for these facilities, or conversely, condition of buildings will deteriorate. Quality-of-life, morale, and readiness will be increasingly impacted as facilities continue to age. Also, increased traffic congestion will be caused by using the old, inadequately sized arterial.

ADDITIONAL: This project has been coordinated with the installation physical

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

1.COMPONENT	FY 1997 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		FEBRUARY 1995

3.INSTALLATION AND LOCATION

Fort Lewis, Washington

4.PROJECT TITLE	5.PROJECT NUMBER
Whole Brigade Complex Renewal	41545

ADDITIONAL: (CONTINUED)

security plan, and all required physical security and/or combatting terrorism (CBT/T) measures are included. This project complies with the scope and design criteria of DOD 4270.1-M, "Construction Criteria," that were in effect 1 January 1987, as implemented by the Army's Architectural and Engineering Instructions (AEI), "Design Criteria," dated 9 December 1991, with the 18 September 1992 and all subsequent revisions included in the Design Criteria Information System (DCIS). An economic analysis has been prepared and utilized in evaluating this project.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

(a)	Design Start Date	OCT 1993
(b)	Percent Complete As Of 01 January 96 (BDGT YR)	50
(c)	Percent Complete As Of 01 October 96 (PROG YR)	100
(d)	Design Complete Date	SEP 1996

(2) Basis:

(a) Standard or Definitive Design - (YES/NO) Y

(b) Where Design Was Most Recently Used
Fort Lewis

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

		($000)
(a)	Production of Plans and Specifications	2,000
(b)	All Other Design Costs	1,000
(c)	Total Design Cost	3,000
(d)	Contract	2,000
(e)	In-house	1,000

(4) Construction Start: FEB 1997
month & year

1.COMPONENT	FY 1997 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		FEBRUARY 1995

3.INSTALLATION AND LOCATION

Fort Lewis, Washington

4.PROJECT TITLE	5.PROJECT NUMBER
Whole Brigade Complex Renewal	41545

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	1997	60
Info Sys - ISC	OPA	1997	2,010
		TOTAL	2,070

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

1. COMPONENT	FY 1997 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
ARMY		FEBRUARY 1995

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
Fort Lewis Washington	Tank Trail Erosion Mitigation-Yakima

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
22696A	851	44426	Auth 2,000 Approp 2,000

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITY				1,785
Secondary Road Upgrade	MI	34	52,500	(1,785)
SUPPORTING FACILITIES				
ESTIMATED CONTRACT COST				1,785
CONTINGENCY PERCENT (5.00%)				89
SUBTOTAL				1,874
SUPERVISION, INSPECTION & OVERHEAD (6.00%)				112
TOTAL REQUEST				1,986
TOTAL REQUEST (ROUNDED)				2,000
INSTALLED EQUIPMENT-OTHER APPROPRIATIONS				(0)

10. Description of Proposed Construction: Upgrade secondary roads to mitigate impacts to surface water quality, soil erosion, vegetation and wildlife habitat. Work to include treating existing roads with crushed rock and providing protection for sensitive and riparian areas.

11. REQUIREMENT: 300 MI ADEQUATE: NONE SUBSTANDARD: 300 MI

PROJECT: Upgrade existing dirt roads to crushed rock. This is the second of ten phases. (New Mission)

REQUIREMENT: This project is required to reduce erosion from training activities at Yakima Training Center for the stationing of mechanized or armored combat forces (heavy forces) at Fort Lewis, Washington. These units were moved as part of the overseas drawdown and recently were stationed at Fort Lewis. This project was identified in the final environmental impact statement (EIS) and the record of decision (ROD). In addition, improved roads are expected to attract and hold more traffic than poorly maintained roads. This will result in less impact to vegetation and soils which directly impacts surface water quality and wildlife habitat.

1. COMPONENT	FY 1997 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
ARMY		FEBRUARY 1995

3. INSTALLATION AND LOCATION

Fort Lewis, Washington

4. PROJECT TITLE	5. PROJECT NUMBER
Tank Trail Erosion Mitigation-Yakima	44426

CURRENT SITUATION: Under the current conditions at Yakima Training Center with the on-going schedule of training with heavy and wheeled vehicles, soil erosion associated with the use of the road network has been identified as the major source of erosion which impacts surface water quality.

IMPACT IF NOT PROVIDED: If this project is not provided, the stationing of heavy forces at Fort Lewis will not meet the environmental mitigation requirements of the Record of Decision.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and no physical security and/or combatting terrorism (CBT/T) measures are required. This project complies with the scope and design criteria of DOD 4270.1-M, "Construction Criteria," that were in effect 1 January 1987, as implemented by the Army's Architectural and Engineering Instruction (AEI), "Design Criteria," dated 9 December 1991, with the 18 September 1992 and all subsequent revisions included in the Design Criteria Information System (DCIS). 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) Design Start Date	SEP 1994
(b) Percent Complete As Of 01 January 96 (BDGT YR)	50
(c) Percent Complete As Of 01 October 96 (PROG YR)	100
(d) Design Complete Date	SEP 1996

(2) Basis:

(a) Standard or Definitive Design - (YES/NO) N

(b) Where Design Was Most Recently Used

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

	($000)
(a) Production of Plans and Specifications	65
(b) All Other Design Costs	43
(c) Total Design Cost	108
(d) Contract	
(e) In-house	108

(4) Construction Start: JAN 1997 (month & year)

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

1. COMPONENT	FY 1997 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
ARMY		FEBRUARY 1995

3. INSTALLATION AND LOCATION	
Fort Lewis, Washington	
4. PROJECT TITLE	5. PROJECT NUMBER
Tank Trail Erosion Mitigation-Yakima	44426

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			

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DEPARTMENT OF THE ARMY
FISCAL YEAR 1997
MILITARY CONSTRUCTION (PART I)
(DOLLARS ARE IN THOUSANDS)

STATE	PROJECT NUMBER	INSTALLATION (COMMAND) / PROJECT TITLE	AUTHORIZATION REQUEST	APPROPRIATION REQUEST	PAGE
Korea		Korea Various (EUSA)			83
		Eastern Corridor			
		Combined Field Army			
	44591	Whole Barracks Complex Renewal	14,000	14,000	85
		Eastern Corridor			
	44592	Whole Barracks Complex Renewal	16,000	16,000	88
		Subtotal Korea Various PART I	$ 30,000	30,000	
		* TOTAL MCA FOR Korea	$ 30,000	30,000	

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1. COMPONENT	FY 1996-1997 MILITARY CONSTRUCTION PROGRAM	2. DATE
ARMY		FEBRUARY 1995

3. INSTALLATION AND LOCATION	4. COMMAND	5. AREA CONSTRUCTION COST INDEX
Korea Various Korea	Eighth United States Army	1.12

6. PERSONNEL STRENGTH:

	PERMANENT			STUDENTS			SUPPORTED			
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF 30 SEP 1994	0	0	0	0	0	0	0	0	0	0
B. END FY 2000	0	0	0	0	0	0	0	0	0	0

7. INVENTORY DATA ($000)

A. TOTAL ACREAGE.....	0 AC	
B. INVENTORY TOTAL AS OF 30 SEP 1994.....		0
C. AUTHORIZATION NOT YET IN INVENTORY.....		110,846
D. AUTHORIZATION REQUESTED IN THE FY 1996 PROGRAM.....		30,050
E. AUTHORIZATION REQUESTED IN THE FY 1997 PROGRAM.....		30,000
F. PLANNED IN NEXT FOUR YEARS (NEW MISSION ONLY).....		0
G. REMAINING DEFICIENCY.....		435,893
H. GRAND TOTAL.....		606,789

8. PROJECTS REQUESTED IN THE FY 1996 PROGRAM:

CATEGORY CODE	PROJECT NUMBER	PROJECT TITLE	COST ($000)	DESIGN STATUS START	DESIGN STATUS COMPLETE
721	44141	Whole Barracks Complex Renewal	6,800	06/1994	08/1995
721	44143	Whole Barracks Complex Renewal	5,600	06/1994	08/1995
721	44086	Whole Barracks Complex Renewal	7,300	06/1994	08/1995
722	44085	Dining Facility	4,150	06/1994	08/1995
721	44593	Whole Barracks Complex Renewal	6,200	06/1994	08/1995
		TOTAL	30,050		

9. FUTURE PROJECTS:

CATEGORY CODE	PROJECT TITLE	COST ($000)
A. REQUESTED IN THE FY 1997 PROGRAM:		
721	Whole Barracks Complex Renewal	16,000
721	Whole Barracks Complex Renewal	14,000
	TOTAL	30,000

B. PLANNED NEXT FOUR 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 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

1. COMPONENT	FY 1996-1997 MILITARY CONSTRUCTION PROGRAM	2. DATE
ARMY		FEBRUARY 1995

INSTALLATION AND LOCATION: Korea Various Korea

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

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

1.COMPONENT	FY 1997 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		FEBRUARY 1995

3.INSTALLATION AND LOCATION	4.PROJECT TITLE
Camp Red Cloud Combined Field Army, Korea	Whole Barracks Complex Renewal

5.PROGRAM ELEMENT	6.CATEGORY CODE	7.PROJECT NUMBER	8.PROJECT COST ($000)
22496A	721	44591	Auth 14,000 Approp 14,000

9.COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITY				11,172
Barracks	SF	89,528	123.00	(11,012)
Building Information Systems	LS	--	--	(160)
SUPPORTING FACILITIES				1,393
Electric Service	LS	--	--	(72)
Water, Sewer, Gas	LS	--	--	(46)
Steam And/Or Chilled Water Distr	LS	--	--	(292)
Paving, Walks, Curbs And Gutters	LS	--	--	(62)
Storm Drainage	LS	--	--	(69)
Site Imp(334) Demo(369)	LS	--	--	(704)
Information Systems	LS	--	--	(130)
Fuel Oil Storage Tank, 6000 gal	LS	--	--	(18)
ESTIMATED CONTRACT COST				12,565
CONTINGENCY PERCENT (5.00%)				628
SUBTOTAL				13,193
SUPERVISION, INSPECTION & OVERHEAD (6.50%)				858
TOTAL REQUEST				14,051
TOTAL REQUEST (ROUNDED)				14,000
INSTALLED EQUIPMENT-OTHER APPROPRIATIONS				(227)

10.Description of Proposed Construction

Construct two standard-design barracks. Project includes living/sleeping rooms, bath, storage, laundry, mud room, and day room. Supporting facilities include utilities; electric service; fire protection and alarm systems; security lighting; paving, walks, curbs and gutters; parking; storm drainage; sewer systems; fuel oil storage tanks; information systems; and site improvements. Heating will be provided by connection to the central utilities plant. Air conditioning: 120 tons. Demolish 22 buildings (30,052 SF) within the footprint. Provide comprehensive building and furnishings related interior design services.

11. REQUIREMENT: 2,631 PN ADEQUATE: 1,166 PN SUBSTANDARD: 255 PN

PROJECT: Construct two standard-design barracks. (Current Mission)

REQUIREMENT: This project is required to provide adequate barracks. This facility is urgently needed to meet the needs of a signal battalion of the 2nd Infantry Division. This project will provide housing for a total (intended utilization) of 260 enlisted personnel (160 E1-E4, 80 E5-E6, 20 E7-E9). Maximum utilization for the barracks is 400 personnel.

1.COMPONENT	FY 1997 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		FEBRUARY 1995

3.INSTALLATION AND LOCATION

Camp Red Cloud, Combined Field Army, Korea

4.PROJECT TITLE	5.PROJECT NUMBER
Whole Barracks Complex Renewal	44591

CURRENT SITUATION: Soldiers assigned to this unit are housed in overcrowded, substandard buildings. These substandard facilities are deteriorated, lack adequate space, waste energy, and are becoming structurally unsound. These substandard living and working 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, these soldiers will continue to live together under reduced space conditions in substandard buildings. Wasteful energy consumption and high maintenance expenditures will continue on buildings that have surpassed their useful life. These situations will persist and adversely affect the soldiers' morale and unit readiness.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and all required physical security and/or combatting terrorism (CBT/T) measures are included. This project complies with the scope and design criteria of DOD 4270.1-M, Construction Criteria, that were in effect 1 January 1987, as implemented by the Army's Architectural and Engineering Instructions (AEI), Design Criteria, dated 9 December 1991, with the 18 September 1992 and all subsequent revisions included in the Design Criteria Information System (DCIS). 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 and Eighth United States Army 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.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

(a) Design Start Date	OCT 1994
(b) Percent Complete As Of 01 January 96 (BDGT YR)	60
(c) Percent Complete As Of 01 October 96 (PROG YR)	100
(d) Design Complete Date	JUL 1996

(2) Basis:

(a) Standard or Definitive Design - (YES/NO) Y

(b) Where Design Was Most Recently Used
Camp Casey

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

	($000)
(a) Production of Plans and Specifications	536
(b) All Other Design Costs	294
(c) Total Design Cost	830
(d) Contract	736

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

1.COMPONENT	FY 1997 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		FEBRUARY 1995

3.INSTALLATION AND LOCATION

Camp Red Cloud, Combined Field Army, Korea

4.PROJECT TITLE	5.PROJECT NUMBER
Whole Barracks Complex Renewal	44591

12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

(e) In-house..... 94

(4) Construction Start..... JAN 1997
month & year

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

Equipment Nomenclature	Procuring Appropriation	Fiscal Year Appropriated Or Requested	Cost ($000)
Info Sys - ISC	OPA	1997	227
		TOTAL	227

1. COMPONENT	FY 1997 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
ARMY		FEBRUARY 1995

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
Camp Casey Eastern Corridor, Korea	Whole Barracks Complex Renewal

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
22496A	721	44592	Auth 16,000 Approp 16,000

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITY				12,682
Barracks	SF	89,528	123.00	(11,012)
Company Operations	SF	7,742	140.50	(1,088)
Pile Foundation	LF	6,200	60.00	(372)
Building Information Systems	LS	--	--	(210)
SUPPORTING FACILITIES				1,847
Electric Service	LS	--	--	(103)
Water, Sewer, Gas	LS	--	--	(187)
Paving, Walks, Curbs And Gutters	LS	--	--	(170)
Storm Drainage	LS	--	--	(95)
Site Imp(532) Demo(441)	LS	--	--	(973)
Information Systems	LS	--	--	(275)
Fuel Oil Storage Tanks, 3 EA	LS	--	--	(44)
ESTIMATED CONTRACT COST				14,529
CONTINGENCY PERCENT (5.00%)				726
SUBTOTAL				15,255
SUPERVISION, INSPECTION & OVERHEAD (6.50%)				992
TOTAL REQUEST				16,247
TOTAL REQUEST (ROUNDED)				16,000
INSTALLED EQUIPMENT-OTHER APPROPRIATIONS				(391)

10. Description of Proposed Construction: Construct two standard-design barracks and one standard design company operations facility. Project includes living/sleeping rooms, bath, storage, laundry, mud room, day room, pile foundation, and asbestos removal. Install an intrusion detection system (IDS). Supporting facilities include utilities; electric service; security lighting; fire protection and alarm systems; paving, walks, curbs and gutters; parking; storm drainage; sewer systems; fuel oil storage tanks; information systems; and site improvements. Heating will be provided by a self-contained oil-fired system. Air conditioning: 140 tons. Demolish 22 buildings (28,098 SF) within the footprint. Provide comprehensive building and furnishings related interior design services.

11. REQUIREMENT: 7,529 PN ADEQUATE: 5,605 PN SUBSTANDARD: 1,785 PN

PROJECT: Construct two standard-design barracks and a company operations facility. (Current Mission)

REQUIREMENT: This project is required to provide adequate barracks and a company operations facility. These facilities are urgently needed to meet the needs of two armor battalions of the 2nd Infantry Division. This project will provide housing for a total (intended utilization) of 242 enlisted personnel

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

1.COMPONENT	FY 1997 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		FEBRUARY 1995

3.INSTALLATION AND LOCATION

Camp Casey, Eastern Corridor, Korea

4.PROJECT TITLE	5.PROJECT NUMBER
Whole Barracks Complex Renewal	44592

REQUIREMENT: (CONTINUED)
(140 E1-E4, 74 E5-E6, 28 E7-E9). Maximum utilization for the barracks is 400 personnel.
CURRENT SITUATION: Soldiers assigned to these units are housed in overcrowded, substandard buildings. These substandard facilities are deteriorated, lack adequate space, waste energy, and are becoming structurally unsound. These substandard living and working 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, these soldiers will continue to live together under reduced space conditions in substandard buildings. Wasteful energy consumption and high maintenance expenditures will continue on buildings that have surpassed their useful life. These situations will persist and adversely affect the soldiers' morale and unit readiness.
ADDITIONAL: This project has been coordinated with the installation physical security plan, and all required physical security and/or combatting terrorism (CBT/T) measures are included. This project complies with the scope and design criteria of DOD 4270.1-M, Construction Criteria, that were in effect 1 January 1987, as implemented by the Army's Architectural and Engineering Instructions (AEI), Design Criteria, dated 9 December 1991, with the 18 September 1992 and all subsequent revisions included in the Design Criteria Information System (DCIS). 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 and Eighth United States Army 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.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

(a) Design Start Date	OCT 1994
(b) Percent Complete As Of 01 January 96 (BDGT YR)	60
(c) Percent Complete As Of 01 October 96 (PROG YR)	100
(d) Design Complete Date	JUL 1996

(2) Basis:

(a) Standard or Definitive Design - (YES/NO) Y
(b) Where Design Was Most Recently Used
Camp Casey

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

(a) Production of Plans and Specifications	660

1. COMPONENT	FY 1997 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
ARMY		FEBRUARY 1995

3. INSTALLATION AND LOCATION

Camp Casey, Eastern Corridor, Korea

4. PROJECT TITLE	5. PROJECT NUMBER
Whole Barracks Complex Renewal	44592

12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

(b) All Other Design Costs..... 330

(c) Total Design Cost..... 990

(d) Contract..... 792

(e) In-house..... 198

(4) Construction Start..... JAN 1997
month & year

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	1997	32
Info Sys - ISC	OPA	1997	359
		TOTAL	391

PREVIOUS EDITIONS MAY BE USED INTERNALLY
UNTIL EXHAUSTED

DEPARTMENT OF THE ARMY
FISCAL YEAR 1997
MILITARY CONSTRUCTION (PART I)
(DOLLARS ARE IN THOUSANDS)

STATE	PROJECT NUMBER	INSTALLATION (COMMAND) / PROJECT TITLE	AUTHORIZATION REQUEST	APPROPRIATION REQUEST	PAGE
Overseas Various		Classified Location (FORVAR)			93
		Classified Location			
	23196	Strategic Logistical Prepo Complex Ph II	64,000	64,000	95
		Subtotal Classified Location PART I	$ 64,000	64,000	
		* TOTAL MCA FOR Overseas Various	$ 64,000	64,000	
** TOTAL OUTSIDE THE UNITED STATES FOR MCA			$ 94,000	94,000	

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1. COMPONENT	FY 1996-1997 MILITARY CONSTRUCTION PROGRAM	2. DATE
ARMY		FEBRUARY 1995

3. INSTALLATION AND LOCATION	4. COMMAND	5. AREA CONSTRUCTION COST INDEX
Classified Location Overseas Various	Various US Army Major Commands-Foreign	1.00

6. PERSONNEL STRENGTH:

	PERMANENT			STUDENTS			SUPPORTED			
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF 30 SEP 1994	0	0	0	0	0	0	0	0	0	0
B. END FY 2000	0	0	0	0	0	0	0	0	0	0

7. INVENTORY DATA ($000)

A. TOTAL ACREAGE.....	0 AC
B. INVENTORY TOTAL AS OF 30 SEP 1994.....	0
C. AUTHORIZATION NOT YET IN INVENTORY.....	11,239
D. AUTHORIZATION REQUESTED IN THE FY 1996 PROGRAM.....	48,000
E. AUTHORIZATION REQUESTED IN THE FY 1997 PROGRAM.....	64,000
F. PLANNED IN NEXT FOUR YEARS (NEW MISSION ONLY).....	44,800
G. REMAINING DEFICIENCY.....	142,900
H. GRAND TOTAL.....	310,939

8. PROJECTS REQUESTED IN THE FY 1996 PROGRAM:

CATEGORY CODE	PROJECT NUMBER	PROJECT TITLE	COST ($000)	DESIGN STATUS START	DESIGN STATUS COMPLETE
442	42608	Strategic Logistical Prepo Complex Ph I	48,000	05/1994	09/1995
		TOTAL	48,000		

9. FUTURE PROJECTS:

CATEGORY CODE	PROJECT TITLE	COST ($000)
A. REQUESTED IN THE FY 1997 PROGRAM:		
441	Strategic Logistical Prepo Complex Ph II	64,000
	TOTAL	64,000
B. PLANNED NEXT FOUR PROGRAM YEARS (NEW MISSION ONLY):		
441	Strategic Logistics Initiative Prepo PhIII	44,800
	TOTAL	44,800

10. MISSION OR MAJOR FUNCTIONS:

Support of U.S. Army Forces Worldwide.

1. COMPONENT ARMY	FY 1996-1997 MILITARY CONSTRUCTION PROGRAM	2. DATE FEBRUARY 1995

INSTALLATION AND LOCATION: Classified Location Overseas Various

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

1.COMPONENT	FY 1997 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		FEBRUARY 1995

3.INSTALLATION AND LOCATION	4.PROJECT TITLE
Classified Location Overseas Various	Strategic Logistical Prepo Complex Ph II

5.PROGRAM ELEMENT	6.CATEGORY CODE	7.PROJECT NUMBER	8.PROJECT COST ($000)
22696A	441	23196	Auth 64,000 Approp 64,000

9.COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITY				52,380
Controlled Humidity Warehouses	SF	479,376	63.00	(30,201)
General Purpose Warehouses	SF	119,844	47.00	(5,633)
Workshops Building	SF	28,267	72.00	(2,035)
Guard Tower	SF	620	73.00	(45)
Power Plant	KW	5,350	988.00	(5,286)
Total from Continuation page				(9,180)
SUPPORTING FACILITIES				4,859
Electric Service	LS	--	--	(1,027)
Water, Sewer, & Gas	LS	--	--	(630)
Paving, Walks, Curbs & Gutters	LS	--	--	(2,323)
Storm Drainage	LS	--	--	(27)
Site Imp(700) Demo( )	LS	--	--	(700)
Information Systems	LS	--	--	(152)
ESTIMATED CONTRACT COST				57,239
CONTINGENCY PERCENT (5.00%)				2,862
SUBTOTAL				60,101
SUPERVISION, INSPECTION & OVERHEAD (6.50%)				3,907
TOTAL REQUEST				64,008
TOTAL REQUEST (ROUNDED)				64,000
INSTALLED EQUIPMENT-OTHER APPROPRIATIONS				(60)

10.Description of Proposed Construction Construct the second phase of a three-phase project required to develop an Army outside continental United States (OCONUS) prepositioning and logistical storage complex. The FY 97 phase includes construction of multiple controlled humidity warehouses for unit wheeled and tracked vehicles, additional general purpose warehousing for unit supplies, a group headquarters building and additional security facilities. Construction of required project infrastructure as capacity additions to those utilities constructed in the FY 96 phase includes additional power generation equipment, sewer, potable water and gas distribution systems and site improvements. Phase III is programmed for FY 98.

11. REQUIREMENT: 1 EA ADEQUATE: NONE SUBSTANDARD: NONE

PROJECT: Construct the second phase of an OCONUS strategic logistical storage complex for the prepositioning ashore to an Army heavy brigade and selected Army division units in Southwest Asia. (New Mission)

REQUIREMENT: This project is required to provide the facilities to preposition all unit equipment, materiel, and supplies of a second US Army heavy brigade, along with selected unit equipment and sustainment supplies for elements of an Army division base ashore in Southwest Asia. Project is

1. COMPONENT	FY 1997 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
ARMY		FEBRUARY 1995

3. INSTALLATION AND LOCATION

Classified Location, Overseas Various

4. PROJECT TITLE	5. PROJECT NUMBER
Strategic Logistical Prepo Complex Ph II	23196

9. COST ESTIMATES (CONTINUED)

Item	U/M	QTY	Unit COST	Cost ($000)
PRIMARY FACILITY (CONTINUED)				
Sunshades	SF	33,257	39.00	(1,297)
Igloo Storage	SF	43,480	148.00	(6,435)
Revetted Storage	SF	5,305	70.00	(371)
Category E Equipment	LS	--	--	(700)
Building Information Systems	LS	--	--	(377)
			Total	9,180

REQUIREMENT: (CONTINUED)
required to implement the Army Global Prepositioning strategy for the United States Central Command (USCENTCOM) in compliance with the Bottom-Up Review and Defense Planning Guidance. Project construction is critical to support US Commander-in-Chief Central's (USCINCCENT's) peacetime and warfighting strategy. Facilities for prepositioning equipment and supplies for heavy US Army forces in theater enhances regional security, deters aggression, and is vital to the defense of US national interests in Southwest Asia. Construction of facilities is imperative to provide for the adequate storage and maintenance of approximately $2.2 billion dollars of US Army unit equipment and supplies.

CURRENT SITUATION: The equipment, materiel, and supplies for the Army heavy brigade and division base (-) are currently located in CONUS and Europe. Locating this equipment outside of Southwest Asia poses an unacceptable and unnecessary risk for the Army, USCINCENT and the National Command Authority (NCA). Lack of prepositioned Army equipment constrains NCA flexibility by severely limiting the available time to consider, develop and execute non-military courses of action to resolve any emerging regional crisis. Currently, in order to adequately protect vital US interests from a perceived military threat, the NCA must order heavy Army force deployments at the outset of a regional crisis. The deployment of significant heavy Army forces to the theater via strategic airlift is currently constrained due to a shortfall of capable aircraft. The time required for the loading, ocean transit, and off-loading of heavy Army forces from CONUS to Southwest Asia by strategic sealift provides an unacceptable level of risk for the Army, USCINCENT, and the NCA. The strategic requirement for this project was vividly demonstrated in October 1994 by the rapid buildup of Iraqi heavy forces on the Kuwaiti border (Operation VIGILANT WARRIOR). No other method for obtaining the required facilities is available.

IMPACT IF NOT PROVIDED: If this project is not provided, the Army will not be able to comply with the Bottom-Up Review, Defense Planning Guidance, or implement the Army's Global Prepositioning strategy. The Army will not be able to preposition the equipment for a second US Army heavy brigade and selected

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

1.COMPONENT	FY 1997 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		FEBRUARY 1995

3.INSTALLATION AND LOCATION

Classified Location, Overseas Various

4.PROJECT TITLE	5.PROJECT NUMBER
Strategic Logistical Prepo Complex Ph II	23196

IMPACT IF NOT PROVIDED: (CONTINUED)
Army division units in Southwest Asia. The capability of the Army to provide forces to USCINCENT and the NCA to enable regional deterrence, respond to a crisis to protect US vital interests in the region will be degraded to an unacceptable level. The cost of strategic airlift, provided it is available, of the required Army heavy brigade and selected division units and supplies from CONUS to Southwest Asia would exceed $345 million. The cost of strategic sealift, if sufficient time is available, would exceed $26 million. The strategic significance of project construction to the Army, USCINCENT, and the National Command Authority cannot be overstated.
ADDITIONAL: This project has been coordinated to provide an integrated installation physical security plan and all required physical security and/or combatting terrorism (CBT/T) measures are included. This project complies with the scope and design criteria of DOD 4270.1-M, "Construction Criteria", that were in effect 1 January 1987, as implemented by the Army's Architectural and Engineering Instructions (AEI), "Design Criteria", dated 9 December 1991, with the 18 September 1992 and all subsequent revisions included in the Design Criteria Information Systems (DCIS). The Host Nation has committed, in the Defense Cooperation Agreement, to provide land, security, and available logistical/utilities support. Alternative funding for this project also is being sought under a CINCCENTCOM initiative for burden sharing between the US, the Gulf Coast Coalition, and other industrialized nations. This has been forwarded to the Department of State. The success of this initiative and the extent of burdensharing cannot be forecasted at this time. An economic analysis has been prepared and utilized in evaluating this project.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

(a) Design Start Date	MAY 1994
(b) Percent Complete As Of 01 January 96 (BDGT YR)	50
(c) Percent Complete As Of 01 October 96 (PROG YR)	100
(d) Design Complete Date	AUG 1996

(2) Basis:

(a) Standard or Definitive Design - (YES/NO) N

(b) Where Design Was Most Recently Used

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

	($000)
(a) Production of Plans and Specifications	1,700
(b) All Other Design Costs	850
(c) Total Design Cost	2,550
(d) Contract	

1.COMPONENT	FY 1997 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		FEBRUARY 1995

3.INSTALLATION AND LOCATION

Classified Location, Overseas Various

4.PROJECT TITLE	5.PROJECT NUMBER
Strategic Logistical Prepo Complex Ph II	23196

12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

(e) In-house..... 2,550

(4) Construction Start..... MAR 1997
month & year

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

Equipment Nomenclature	Procuring Appropriation	Fiscal Year Appropriated Or Requested	Cost ($000)
Info Sys - PROP	OPA	1997	60
		TOTAL	60

PREVIOUS EDITIONS MAY BE USED INTERNALLY
UNTIL EXHAUSTED

DEPARTMENT OF THE ARMY
FISCAL YEAR 1997
MILITARY CONSTRUCTION (PART I)
(DOLLARS ARE IN THOUSANDS)

STATE	PROJECT NUMBER	INSTALLATION (COMMAND) / PROJECT TITLE	AUTHORIZATION REQUEST	APPROPRIATION REQUEST	PAGE
Worldwide Various		Minor Construction (MINEXG)			101
	34126	Unspecified Minor Construction	5,000	5,000	103
		Subtotal Minor Construction PART I	$ 5,000	5,000	
		Planning and Design (PLANDES)			105
	28535	Host Nation Support	20,000	20,000	107
	34128	Planning and Design	64,382	64,382	109
		Subtotal Planning and Design PART I	$ 84,382	84,382	
		* TOTAL MCA FOR Worldwide Various	$ 89,382	89,382	
** TOTAL WORLDWIDE FOR MCA			$ 89,382	89,382	
MILITARY CONSTRUCTION (PART I) TOTAL			$ 492,082	492,082	

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1. COMPONENT	FY 1996-1997 MILITARY CONSTRUCTION PROGRAM	2. DATE
ARMY		FEBRUARY 1995

3. INSTALLATION AND LOCATION	4. COMMAND	5. AREA CONSTRUCTION COST INDEX
Minor Construction Worldwide Various	Minor Construction	1.00

6. PERSONNEL STRENGTH:

	PERMANENT			STUDENTS			SUPPORTED			
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF 30 SEP 1994	0	0	0	0	0	0	0	0	0	0
B. END FY 2000	0	0	0	0	0	0	0	0	0	0

7. INVENTORY DATA ($000)

A. TOTAL ACREAGE.....	0 AC	
B. INVENTORY TOTAL AS OF 30 SEP 1994.....		0
C. AUTHORIZATION NOT YET IN INVENTORY.....		0
D. AUTHORIZATION REQUESTED IN THE FY 1996 PROGRAM.....		9,000
E. AUTHORIZATION REQUESTED IN THE FY 1997 PROGRAM.....		5,000
F. PLANNED IN NEXT FOUR YEARS (NEW MISSION ONLY).....		0
G. REMAINING DEFICIENCY.....		0
H. GRAND TOTAL.....		14,000

8. PROJECTS REQUESTED IN THE FY 1996 PROGRAM:

CATEGORY CODE	PROJECT NUMBER	PROJECT TITLE	COST ($000)	DESIGN STATUS START	DESIGN STATUS COMPLETE
BBB	30427	Unspecified Minor Construction	9,000		
		TOTAL	9,000		

9. FUTURE PROJECTS:

CATEGORY CODE	PROJECT TITLE	COST ($000)
A. REQUESTED IN THE FY 1997 PROGRAM:		
BBB	Unspecified Minor Construction	5,000
	TOTAL	5,000

B. PLANNED NEXT FOUR 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

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1. COMPONENT	FY 1997 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
ARMY		FEBRUARY 1995

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	BBB	34126	Auth 5,000 Approp 5,000

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITY				5,000
Minor Construction Facilities	LS	--	--	(5,000)
SUPPORTING FACILITIES				
ESTIMATED CONTRACT COST				5,000
CONTINGENCY PERCENT (.000%)				
SUBTOTAL				5,000
SUPERVISION, INSPECTION & OVERHEAD (.000%)				
TOTAL REQUEST				5,000
TOTAL REQUEST (ROUNDED)				5,000
INSTALLED EQUIPMENT-OTHER APPROPRIATIONS				(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 USC 2805.

11. REQUIREMENT: NONE ADEQUATE: NONE SUBSTANDARD: NONE

PROJECT: Minor military construction, worldwide.

REQUIREMENT: This project is required 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 environmental protection, health and safety. These projects can not wait for normal programming.

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 absolute minimum acceptable.

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1. COMPONENT	FY 1996-1997 MILITARY CONSTRUCTION PROGRAM	2. DATE
ARMY		FEBRUARY 1995

3. INSTALLATION AND LOCATION	4. COMMAND	5. AREA CONSTRUCTION COST INDEX
Planning and Design Worldwide Various	Planning and Design	1.00

6. PERSONNEL STRENGTH:

	PERMANENT			STUDENTS			SUPPORTED			
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF 30 SEP 1994	0	0	0	0	0	0	0	0	0	0
B. END FY 2000	0	0	0	0	0	0	0	0	0	0

7. INVENTORY DATA ($000)

A. TOTAL ACREAGE.....	0 AC	
B. INVENTORY TOTAL AS OF 30 SEP 1994.....		0
C. AUTHORIZATION NOT YET IN INVENTORY.....		0
D. AUTHORIZATION REQUESTED IN THE FY 1996 PROGRAM.....		52,894
E. AUTHORIZATION REQUESTED IN THE FY 1997 PROGRAM.....		84,382
F. PLANNED IN NEXT FOUR YEARS (NEW MISSION ONLY).....		0
G. REMAINING DEFICIENCY.....		42,900
H. GRAND TOTAL.....		180,176

8. PROJECTS REQUESTED IN THE FY 1996 PROGRAM:

CATEGORY CODE	PROJECT NUMBER	PROJECT TITLE	COST ($000)	DESIGN STATUS START	DESIGN STATUS COMPLETE
000	28533	Host Nation Support	20,000		
000	34127	Planning and Design	32,894		
		TOTAL	52,894		

9. FUTURE PROJECTS:

CATEGORY CODE	PROJECT TITLE	COST ($000)
A. REQUESTED IN THE FY 1997 PROGRAM:		
000	Host Nation Support	20,000
000	Planning and Design	64,382
	TOTAL	84,382

B. PLANNED NEXT FOUR 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

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1.COMPONENT	FY 1997 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		FEBRUARY 1995

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)
			Auth 20,000
91211A	000	28535	Approp 20,000

9.COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITY				20,000
Host Nation Planning & Design	LS	--	--	(20,000)
SUPPORTING FACILITIES				
ESTIMATED CONTRACT COST				20,000
CONTINGENCY PERCENT (.000%)				
SUBTOTAL				20,000
SUPERVISION, INSPECTION & OVERHEAD (.000%)				
TOTAL REQUEST				20,000
TOTAL REQUEST (ROUNDED)				20,000
INSTALLED EQUIPMENT-OTHER APPROPRIATIONS				(0)

10.Description of Proposed Construction This item provides for criteria development, design surveillance, and construction surveillance for projects funded by foreign nations where US Forces are the sole or primary user as authorized by 10 USC 2807.

11. REQUIREMENT: NONE ADEQUATE: NONE SUBSTANDARD: 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 Planning and Design 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. The programs in Korea and Japan are expected to remain at about the current levels, and provide nearly all the new construction in Japan, and much of the new construction in Korea. The Army Corps of Engineers is responsible for providing the criteria, reviewing designs, and monitoring the construction. The planning and design costs are approximately three percent of the construction placement. The three parts of

1.COMPONENT	FY 1997 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		FEBRUARY 1995

3.INSTALLATION AND LOCATION

Planning and Design, Worldwide Various

4.PROJECT TITLE	5.PROJECT NUMBER
Host Nation Support	28535

REQUIREMENT: (CONTINUED)

the planning and design 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 Surveillance - ensures conformance to design documents, reviews submittals, monitors construction phasing for users, and protects against latent deficiencies. Host Nation Planning and Design funds are also expended on Payment-in-Kind (PIK) and NATO oversight and recoupment activities.

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

1. COMPONENT	FY 1997 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
ARMY		FEBRUARY 1995

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	34128	Auth 64,382 Approp 64,382

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITY				64,382
Planning & Design Funds	LS	--	--	(64,382)
SUPPORTING FACILITIES				
ESTIMATED CONTRACT COST				64,382
CONTINGENCY PERCENT (.000%)				
SUBTOTAL				64,382
SUPERVISION, INSPECTION & OVERHEAD (.000%)				
TOTAL REQUEST				64,382
TOTAL REQUEST (ROUNDED)				64,382
INSTALLED EQUIPMENT-OTHER APPROPRIATIONS				(0)

10. Description of Proposed Construction: This item provides for: concept and final design of major and unspecified minor construction projects, value engineering, and the development of standards and criteria for Army facilities.

11. REQUIREMENT: NONE ADEQUATE: NONE SUBSTANDARD: NONE

PROJECT: Planning and design funds.

REQUIREMENT: This project is required to provide funds for the design and engineering of regular Military Construction, Army (MCA) and Unspecified Minor projects, including value engineering and continued development of standard plans (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 by the US Army Corps of Engineers (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 (90-100 percent) of projects in the FY 1997 program, for advancement to final design (35-90 percent) of projects in FY 1998, for progression to concept design (0-35 percent) of projects in the FY 1999, and for initiation of pre-concept design

1.COMPONENT	FY 1997 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		FEBRUARY 1995

3.INSTALLATION AND LOCATION

Planning and Design, Worldwide Various

4.PROJECT TITLE	5.PROJECT NUMBER
Planning and Design	34128

REQUIREMENT: (CONTINUED)

activities for projects in FY 2000. The estimate for this multi-dimensional design effort is developed through a formula that reflects the various stages of engineering development for a project. The estimate incorporates management changes over the past five years regarding shifts in project size mix (more small versus large projects), designed-by-mix (A-E versus in-house), and adjusts to the growing differential in the relationship between increases in salaries for professional services versus project construction costs. The estimate does not predict additional design expenses due to any adverse effects from changes made to the MILCON program, and, as such, it has extremely limited capability to incorporate additional design requirements even at the fully-funded level. The Total Quality Management methodology is used by USACE in the design, value engineering process, and construction of facilities. The criteria and standards development and update program, as well as the value engineering program are the means by which USACE assures that quality is built-in from the beginning of projects. These programs help designers produce excellent products and utilize a feedback process where the designers are participants in maintaining excellent criteria and standards. The funds request for the annual planning and design requirement includes the costs to update standards and criteria, guide specifications, technical manuals, and continue the Department of the Army (DA) Facility Standardization Program. These standards and criteria are the primary vehicles for introducing new technology, new operational requirements, design lessons learned and federal mandates into new Army facilities.

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

PART II: ARMY FAMILY HOUSING 1997

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ARMY FAMILY HOUSING
FY 1997 BUDGET ESTIMATES
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ARMY FAMILY HOUSING
FY 1997 BUDGET ESTIMATES
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DEPARTMENT OF THE ARMY
FISCAL YEAR 1997
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
Alabama		Redstone Arsenal (AMC)			
	40553	Family Housing Replacement Construction		12,000	12,000
		SUBTOTAL Redstone Arsenal PART IIA	$	12,000	12,000
		* TOTAL AFH FOR Alabama	$	12,000	12,000
Colorado		Fort Carson (FORSCOM)			
	40189	Family Housing Replacement Construction		19,000	19,000
		SUBTOTAL Fort Carson PART IIA	$	19,000	19,000
		* TOTAL AFH FOR Colorado	$	19,000	19,000
Hawaii		Schofield Barracks (USARPAC)			
	42458	Family Housing Replacement Construction		30,000	30,000
		SUBTOTAL Schofield Barracks PART IIA	$	30,000	30,000
		* TOTAL AFH FOR Hawaii	$	30,000	30,000
Kentucky		Fort Knox (TRADOC)			
	14943	Family Housing Replacement Construction		18,500	18,500
		SUBTOTAL Fort Knox PART IIA	$	18,500	18,500
		* TOTAL AFH FOR Kentucky	$	18,500	18,500
Texas		Fort Hood (FORSCOM)			
	23494	Family Housing Replacement Construction		19,500	19,500
		SUBTOTAL Fort Hood PART IIA	$	19,500	19,500
		* TOTAL AFH FOR Texas	$	19,500	19,500
		** TOTAL INSIDE THE UNITED STATES FOR AFH	$	99,000	99,000

DEPARTMENT OF THE ARMY
FISCAL YEAR 1997
ARMY FAMILY HOUSING
NEW CONSTRUCTION (PART IIA)
(DOLLARS ARE IN THOUSANDS)
WORLDWIDE

STATE	PROJECT NUMBER	INSTALLATION (COMMAND) / PROJECT TITLE		AUTHORIZATION REQUEST	APPROPRIATION REQUEST
Worldwide Various		Worldwide Various Locations (WORLDWD)			
	45407	Family Housing Replacement Construction		1,000	1,000
		SUBTOTAL Worldwide Various Locations PART IIA	$	1,000	1,000
		* TOTAL AFH FOR Worldwide Various	$	1,000	1,000
		** TOTAL WORLDWIDE FOR AFH	$	1,000	1,000
		MILITARY CONSTRUCTION (PART IIA) TOTAL	$	100,000	100,000

DEPARTMENT OF THE ARMY
FISCAL YEAR 1997
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
Kansas		Fort Leavenworth (TRADOC)			
	39844	Family Housing Improvements		9,900	9,900
		SUBTOTAL Fort Leavenworth PART IIB	$	9,900	9,900
		* TOTAL AFH FOR Kansas	$	9,900	9,900
Kentucky		Fort Campbell (FORSCOM)			
	25178	Family Housing Improvements		19,000	19,000
		SUBTOTAL Fort Campbell PART IIB	$	19,000	19,000
		* TOTAL AFH FOR Kentucky	$	19,000	19,000
Maryland		Fort Meade (FORSCOM)			
	42906	Family Housing Improvements		10,600	10,600
		SUBTOTAL Fort Meade PART IIB	$	10,600	10,600
		* TOTAL AFH FOR Maryland	$	10,600	10,600
New York		United States Military Academy (USMA)			
	27408	Family Housing Improvements		900	900
	44428	Family Housing Improvements		1,600	1,600
	44431	Family Housing Improvements		370	370
		SUBTOTAL United States Military Academy	$	2,870	2,870
		* TOTAL AFH FOR New York	$	2,870	2,870
North Carolina		Fort Bragg (FORSCOM)			
	15062	Family Housing Improvements		10,000	10,000
		SUBTOTAL Fort Bragg PART IIB	$	10,000	10,000
		* TOTAL AFH FOR North Carolina	$	10,000	10,000

DEPARTMENT OF THE ARMY
FISCAL YEAR 1997
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
Virginia		Fort Monroe (TRADOC)			
	25519	Family Housing Improvements		14,200	14,200
		SUBTOTAL Fort Monroe PART IIB	$	14,200	14,200
		* TOTAL AFH FOR Virginia	$	14,200	14,200
		** TOTAL INSIDE THE UNITED STATES FOR AFH	$	66,570	66,570
		MILITARY CONSTRUCTION (PART IIB) TOTAL	$	66,570	66,570

ARMY FAMILY HOUSING
FY 1997 BUDGET ESTIMATES
SUMMARY

	($ In Thousands)
FY 1997 Program	**1,399,763**
FY 1996 Program	**1,381,096**

PURPOSE AND SCOPE

This program provides for the support of the worldwide family housing function within the Department of the Army.

PROGRAM SUMMARY

Authorization is requested for:

(1) The performance of certain construction summarized hereafter; and

(2) The appropriation of $1,399,763,000 to fund:

(a) this construction; and

(b) certain other functions already authorized in existing legislation.

A summary of the funding program for Fiscal Year 1995 follows:

	($000)
Construction	171,913
Operation and Maintenance, Utilities, Leasing and Debt	1,227,850
TOTAL ARMY FAMILY HOUSING APPROPRIATION	**1,399,763**
Plus: Reimbursable Authority	28,000
TOTAL ARMY FAMILY HOUSING PROGRAM	**1,427,763**

AUTHORIZATION AND APPROPRIATION LANGUAGE ARMY FAMILY HOUSING FY 1997

For expenses of family housing for the Army for construction, including acquisition, replacement, addition, expansion, extension, and 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 [$43,500,000] **$171,913,000**, for Operation and Maintenance, and Debt Payment [$1,337,596,000] **$1,227,850,000** in all [$1,381,096,000] **$1,399,763,000**. Provided, that the amount for construction shall remain available until [September 30, 2000] **September 30, 2001**.

ARMY FAMILY HOUSING
FY 1997 BUDGET ESTIMATES
PROGRAM AND FINANCING
CONSTRUCTION

PROGRAM	($000)
Construction of New Housing (Deficit Reduction)	0
Construction of New Housing (Replacement)	100,000
Post Acquisition Construction	66,570
Planning and Design	5,343
TOTAL	**171,913**

FINANCING	
Budget Authority/Appropriation	**171,913**

ARMY FAMILY HOUSING
FY 1997 BUDGET ESTIMATES
PROGRAM AND FINANCING
OPERATION & MAINTENANCE
DEBT PAYMENT

PROGRAM	($000)
Operating Expenses	191,905
Utilities	274,890
Leasing	249,930
Maintenance	511,114
SUBTOTAL	**1,227,839**
Debt Reduction	0
Interest Payments	0
Servicemen's Insurance Premiums	11
SUBTOTAL	**1,227,850**
Reimbursable Authority	28,000
TOTAL	**1,255,850**
FINANCING	
Total Program	1,255,850
Less: Reimbursements	- 28,000
BUDGET AUTHORITY APPROPRIATION ADJUSTED	**1,227,850**

ARMY FAMILY HOUSING
FY 1997 BUDGET ESTIMATES
PROGRAM AND FINANCING

PROGRAM BY ACTIVITIES
($000)

1.	Construction	
	a. Construction of New Housing	0
	b. Construction of Replacement Housing	100,000
	c. Post Acquisition Construction	66,570
	d. Planning and Design	5,343
	TOTAL CONSTRUCTION	**171,913**
2.	Operations, Utilities, Maintenance, Leasing, Debt Reduction, Interest, and Insurance Premiums	
	a. Operations	191,905
	b. Utilities	274,890
	c. Maintenance of Real Property	511,114
	d. Leasing	249,930
	e. Debt Reduction	0
	f. Interest Payments	0
	g. Servicemen's Mortgage Premiums	11
	TOTAL O&M AND DEBT	**1,227,850**
	TOTAL APPROPRIATION	**1,399,763**
	Plus: Reimbursements	28,000
	TOTAL PROGRAM ADJUSTED	**1,427,763**
	BUDGET AUTHORITY	
	Appropriation: Construction	171,913
	O&M and Debt	1,227,850
	TOTAL	**1,399,763**

Family Housing, Army
Program and Financing (in Thousands of dollars)

February 1995

Identification code 21-0702-0-1-051		Budget Plan (amounts for FAMILY HOUSING actions programed)			
		1994 actual	1995 est.	1996 est.	1997 est.
	Program by activities:				
	Direct program:				
	Construction:				
01.0101	Construction of new housing	140,228	114,250	27,300	100,000
01.0201	Construction improvements	77,630	49,760	14,200	66,570
01.0301	Planning	11,657	5,992	2,000	5,343
01.9101	Total construction	229,515	170,002	43,500	171,913
	Operation, maintenance, and interest payment:				
	Operation:				
02.0101	Operating expenses	505,790	454,594	459,453	466,795
02.0201	Leasing	262,390	234,441	243,840	249,930
02.0301	Maintenance of real property	303,896	324,662	634,292	511,114
02.0401	Interest payments	17	11	11	11
02.9101	Total operation, maintenance, and interest payment	1,072,093	1,013,708	1,337,596	1,227,850
03.0101	Reimbursable	19,192	21,000	24,000	28,000
10.0001	Total	1,320,800	1,204,710	1,405,096	1,427,763
	Financing:				
	Offsetting collections from:				
11.0001	Federal funds(-)	-5,189	-7,140	-8,160	-9,520
13.0001	Trust funds(-)	-8			
14.0001	Non-Federal sources(-)	-13,995	-13,860	-15,840	-18,480
17.0001	Recovery of prior year obligations				
	Unobligated balance available, start of year:				
21.4002	For completion of prior year budget plans				
21.4003	Available to finance new budget plans				
21.4009	Reprograming from/to prior year budget plans		-532		
22.0001	Unobligated balance transferred to other accounts	-1,428			
	Unobligated balance available, end of year:				
24.4002	For completion of prior year budget plans	-7,898			
24.4003	Available to finance subsequent year budget plans				
25.0001	Unobligated balance expiring	532			
39.0001	Budget authority	5,260			
	Budget authority:	1,298,074	1,183,178	1,381,096	1,399,763
40.0001	Appropriation	1,298,486	1,183,710	1,381,096	1,399,763
40.4701	Portion applied to debt reduction (-)	-412			
40.7903	Reduction pursuant to P.L. 103-307 (-)		-532		
43.0001	Appropriation (adjusted)	1,298,074	1,183,178	1,381,096	1,399,763

Identification code 21-0702-0-1-051		Obligations			
		1994 actual	1995 est.	1996 est.	1997 est.
	Program by activities:				
	Direct program:				
	Construction:				
01.0101	Construction of new housing	136,192	152,789	75,139	98,021
01.0201	Construction improvements	139,143	84,361	33,240	72,415
01.0301	Planning	10,400	5,992	8,847	4,348
01.9101	Total construction	285,735	243,142	117,226	174,784
	Operation, maintenance, and interest payment:				
	Operation:				
02.0101	Operating expenses	505,790	454,594	459,453	466,795
02.0201	Leasing	262,390	234,441	243,840	249,930
02.0301	Maintenance of real property	303,896	324,662	634,292	511,114
02.0401	Interest payments	17	11	11	11
02.9101	Total operation, maintenance, and interest payment	1,072,093	1,013,708	1,337,596	1,227,850
03.0101	Reimbursable	19,192	21,000	24,000	28,000
10.0001	Total	1,377,020	1,277,850	1,478,822	1,430,634
	Financing:				
	Offsetting collections from:				
11.0001	Federal funds(-)	-5,189	-7,140	-8,160	-9,520
13.0001	Trust funds(-)	-8			
14.0001	Non-Federal sources(-)	-13,995	-13,860	-15,840	-18,480
17.0001	Recovery of prior year obligations	-3,052			
	Unobligated balance available, start of year:				
21.4002	For completion of prior year budget plans	-234,267	-179,671	-106,531	-32,805
21.4003	Available to finance new budget plans		-532		
21.4009	Reprograming from/to prior year budget plans				
22.0001	Unobligated balance transferred to other accounts	-7,898			
	Unobligated balance available, end of year:				
24.4002	For completion of prior year budget plans	179,671	106,531	32,805	29,934
24.4003	Available to finance subsequent year budget plans	532			
25.0001	Unobligated balance expiring	5,260			
39.0001	Budget authority	1,298,074	1,183,178	1,381,096	1,399,763
	Budget authority:				
40.0001	Appropriation	1,298,486	1,183,710	1,381,096	1,399,763
40.4701	Portion applied to debt reduction (-)	-412			
40.7903	Reduction pursuant to P.L. 103-307 (-)		-532		
43.0001	Appropriation (adjusted)	1,298,074	1,183,178	1,381,096	1,399,763

Family Housing, Army
Program and Financing (in Thousands of dollars)

February 1995

Identification code 21-0702-0-1-051

		Obligations			
	Relation of obligations to outlays:	1994 actual	1995 est.	1996 est.	1997 est.
71.0001	Obligations incurred	1,357,828	1,256,850	1,454,822	1,402,634
72.1001	Receivables from other government accts. SOY	-1,585	-5,857		
72.4001	Obligated balance, start of year	553,403	590,114	694,134	689,580
74.1001	Receivables from other government accts, EOY	5,857			
74.4001	Obligated balance, end of year	-590,114	-694,134	-689,580	-690,363
77.0001	Adjustments in expired accounts (net)	-33,206			
78.0001	Adjustments in unexpired accounts	-3,052			
90.0001	Outlays (net)	1,289,131	1,146,973	1,459,376	1,401,851

Identification code 21-0702-0-1-051		1994 actual	1995 est.	1996 est.	1997 est.
	Direct obligations:				
	Personnel compensation:				
111.101	Full-time permanent	27,516	23,749	23,165	23,363
111.301	Other than full-time permanent	5,063	6,362	6,205	6,267
111.501	Other personnel compensation	1,800			
111.901	Total personnel compensation	34,379	30,111	29,370	29,630
112.101	Personnel Benefits: Civilian personnel	9,117	6,255	5,997	6,042
113.001	Benefits for former personnel	402	614	4,413	785
121.001	Travel and transportation of persons	2,650	2,013	2,255	1,933
122.001	Transportation of things	9,385	13,272	16,127	16,079
123.101	Rental payments to GSA	1,458			
123.201	Rental payments to others	180,895	184,895	224,936	224,694
123.301	Communications, utilities, and miscellaneous charges	104,781	102,565	124,765	124,609
124.001	Printing and reproduction	166	165	186	172
	Other services with the private sector				
125.203	Contracts with the private sector	718,997	786,918	876,261	872,384
125.204	Other charges with the private sector			114,596	10,950
	Purchases goods/services (inter/intra) Fed accounts				
125.301	Purchase of goods/services from other Fed agencies	21,810	19,948	19,316	18,829
125.302	Payments to foreign national indirect hire personnel		826	836	561
126.001	Supplies and materials	12,404	10,106	12,988	12,922
131.001	Equipment	6,522	10,216	11,757	11,745
132.001	Land and structures	254,842	88,935	11,008	71,288
143.001	Interest and dividends	20	11	11	11
199.001	Total Direct obligations	1,357,828	1,256,850	1,454,822	1,402,634
	Reimbursable obligations:				
	Personnel Compensation:				
211.101	Full-time permanent	67			
211.901	Total personnel compensation	67			
212.101	Personnel Benefits: Civilian Personnel	2			
221.001	Travel and transportation of persons	1			
223.201	Rental payments to others	5,031	5,958	6,809	7,944
	Other services with the private sector				
225.203	Contracts with the private sector	7,038	7,823	8,940	10,430
225.204	Other charges with the private sector	5,799	5,905	6,749	7,874
226.001	Supplies and materials	54			
231.001	Equipment	1,200	1,314	1,502	1,752

Family Housing, Army
Program and Financing (in Thousands of dollars)

February 1995

Identification code 21-0702-0-1-051	Obligations			
	1994 actual	1995 est.	1996 est.	1997 est.
299.001 Total Reimbursable obligations	19,192	21,000	24,000	28,000
999.901 Total obligations	1,377,020	1,277,850	1,478,822	1,430,634

ARMY FAMILY HOUSING
FY 1997 BUDGET ESTIMATES
NEW CONSTRUCTION

	($ In Thousands)
FY 1997 Program	100,000
FY 1996 Program	27,300

PURPOSE AND SCOPE

This program provides family housing at those installations where the local economy cannot provide adequate support and where additional housing is required to help satisfy a validated housing deficit. The program also provides for replacement of housing where it has been determined more economical to replace than to renovate. Included are site preparation, construction, and initial outfitting with fixtures and integral equipment of new family housing units, along with associated facilities such as roads, driveways, walks, utility systems, solar energy systems, and community facilities.

PROGRAM SUMMARY

Authorization is requested in FY 97 for:

1. Construction of 761 family housing units to replace 907 units to be demolished which are uneconomical to revitalize, resulting in a net reduction of 146 units.

2. Appropriation in the amount of $100,000,000 (includes $1,743,000 to demolish excess units) to fund construction of 761 family housing units and demolition of 907 existing family housing units.

A summary of the new construction funding program for FY 97 follows:

	Requested		
	No. of Units Constr	No. of Units Demo	Amount ($000)
Deficit Reduction:	0	0	0

	No. of Units Constr	Requested No. of Units Demo	Amount ($000)
Replacement:			
Redstone Arsenal, AL	118	(225)	12,000
Fort Carson, CO	148	(148)	19,000
Schofield Barracks, HI	190	(190)	30,000
Fort Knox, KY	150	(194)	18,500
Fort Hood, TX	150	(150)	19,500
Various Worldwide Locations (U.S. Southern Command)	5	(0)	1,000
Total	761	(907)	100,000

1. COMPONENT	FY 1996-1997 MILITARY CONSTRUCTION PROGRAM	2. DATE
ARMY		February 1995

3. INSTALLATION AND LOCATION	4. COMMAND	5. AREA CONSTRUCTION COST INDEX
Redstone Arsenal Alabama	US Army Materiel Command	0.78

6. PERSONNEL STRENGTH:

	PERMANENT			STUDENTS			SUPPORTED			
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF 30 SEP 1994	429	1143	8521	96	746	23	15	229	11863	23,065
B. END FY 2000	368	881	7475	57	1091	18	9	216	11660	21,775

7. INVENTORY DATA ($000)

A. TOTAL ACREAGE.....	38,235 AC	
B. INVENTORY TOTAL AS OF 30 SEP 1994.....		1,723,364
C. AUTHORIZATION NOT YET IN INVENTORY.....		0
D. AUTHORIZATION REQUESTED IN THE FY 1996 PROGRAM.....		0
E. AUTHORIZATION REQUESTED IN THE FY 1997 PROGRAM.....		12,000
F. PLANNED IN NEXT FOUR YEARS (NEW MISSION ONLY).....		0
G. REMAINING DEFICIENCY.....		0
H. GRAND TOTAL.....		1,735,364

8. PROJECTS REQUESTED IN THE FY 1996 PROGRAM: NONE

9. FUTURE PROJECTS:

CATEGORY CODE	PROJECT TITLE	COST ($000)
A. REQUESTED IN THE FY 1997 PROGRAM:		
711	Family Housing Replacement Construction	12,000
	TOTAL	12,000

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

10. MISSION OR MAJOR FUNCTIONS:

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

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:

	($000)
A. AIR POLLUTION	0

1. COMPONENT ARMY	FY 1996-1997 MILITARY CONSTRUCTION PROGRAM	2. DATE February 1995

INSTALLATION AND LOCATION: Redstone Arsenal Alabama

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES: (...CONTINUED)

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

PREVIOUS EDITIONS MAY BE USED INTERNALLY
UNTIL EXHAUSTED

1.COMPONENT	FY 1997 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		February 1995

3.INSTALLATION AND LOCATION	4.PROJECT TITLE
Redstone Arsenal, Alabama	Family Housing Replacement Construction

5.PROGRAM ELEMENT	6.CATEGORY CODE	7.PROJECT NUMBER	8.PROJECT COST ($000)
88741A	711	40553	Auth 12,000 Approp 12,000

9.COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITY				6,591
Family Housing JR & SR NCO	SF	141,545	46.37	(6,563)
Building Information Systems	LS	--	--	(28)
SUPPORTING FACILITIES				4,223
Electric Service	LS	--	--	(396)
Water, Sewer, Gas	LS	--	--	(538)
Paving, Walks, Curbs And Gutters	LS	--	--	(482)
Storm Drainage	LS	--	--	(124)
Site Imp(500) Demo(2,183)	LS	--	--	(2,683)
ESTIMATED CONTRACT COST				10,814
CONTINGENCY PERCENT (5.00%)				541
SUBTOTAL				11,355
SUPERVISION, INSPECTION & OVERHEAD (6.00%)				681
TOTAL REQUEST				12,036
TOTAL REQUEST (ROUNDED)				12,000
INSTALLED EQUIPMENT-OTHER APPROPRIATIONS				(0)

10.Description of Proposed Construction

Whole neighborhood revitalization by demolishing 225 junior and senior noncommissioned officer (NCO) Capehart family housing units constructed in 1957, that are uneconomical to revitalize, and constructing 118 replacement units built to current standards. Construction consists of variously configured single and multi-unit, one and two story buildings which are factory-built/manufactured houses and/or conventionally on-site constructed houses. The design includes wood-frame construction, central heating and air conditioning, appliances, hard wired interconnected smoke detectors, landscaping, streets, driveways, covered parking, exterior storage, street lighting, utility services, recreational areas and walks. Exterior telephone and cable TV information systems will be provided by the local telephone/TV companies. At least five percent of the quarters will be constructed such that they are accessible and easily modified to accommodate the requirements of the handicapped.

GRADE	NUMBER BEDROOMS	NET AREA	PROJECT FACTOR	$/NSF	NUMBER OF UNITS	TOTAL ($000)
JR NCO	2	950	0.76	61.00	30	1,321
JR NCO	3	1200	0.76	61.00	50	2,782

1.COMPONENT	FY 1997 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		February 1995

3.INSTALLATION AND LOCATION

Redstone Arsenal, Alabama

4.PROJECT TITLE	5.PROJECT NUMBER
Family Housing Replacement Construction	40553

DESCRIPTION OF PROPOSED CONSTRUCTION: (CONTINUED)

JR NCO	4	1350	0.76	61.00	22	1,377
JR NCO	5	1550	0.76	61.00	6	431
SR NCO	3	1350	0.76	61.00	6	376
SR NCO	4	1450	0.76	61.00	3	202
Inst. SGM	4	1595	0.76	61.00	1	74
					118	6,563

PROJECT: Whole neighborhood revitalization by replacing 225 quarters with 108 junior noncommissioned officer (NCO) and 10 senior NCO family housing units, neighborhood amenities and supporting infrastructure to current construction standards. Project includes demolition of 225 existing quarters which are uneconomical to revitalize to current standards. (Current Mission)

REQUIREMENT: This project is required to improve existing living conditions for junior and senior noncommissioned officer family quarters, neighborhood amenities and support facilities 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 improved to meet current standards.

CURRENT SITUATION: These units were constructed to minimum construction standards and require major improvements. Units are undersized with poor functional layouts. Balconies are failing, causing a serious safety hazard. The kitchens and baths are poorly arranged, worn out and need replacement. Single pane windows have deteriorated resulting in water damage to wall surfaces. Parquet wood flooring can no longer be refinished, requiring replacement. The electrical system lacks sufficient outlets and is inadequately grounded. Air conditioning units require replacement. Adequate insulation is lacking. Off-street parking is limited and on-street parking results in traffic congestion and unsafe conditions for children at play. Roofs require replacement; shingles have curled and leaks are resulting in interior water damage. Many units do not have privacy fencing and patios are poorly located. The existing 225 include 2 four bedroom units at 1280 NSF, 93 two bedroom units at 880 NSF and 130 three bedroom units varying from 1045 NSF to 1100 NSF. This project will provide an adequate set of quarters for the installation command sergeant major.

IMPACT IF NOT PROVIDED: If this project is not provided, service members will continue to reside in housing that does not provide an acceptable quality of life and the buildings will rapidly deteriorate. This 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 physical security and/or combatting terrorism (CBT/T) measures are required. This project complies with the scope and design

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

1.COMPONENT	FY 1997 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		February 1995

3.INSTALLATION AND LOCATION	
Redstone Arsenal, Alabama	
4.PROJECT TITLE	5.PROJECT NUMBER
Family Housing Replacement Construction	40553

ADDITIONAL: (CONTINUED)

criteria of DOD 4270.1-M, "Construction Criteria," that were in effect 1 January 1987, as implemented by the Army's Architectural and Engineering Instruction (AEI), "Design Criteria," dated 9 December 1991, with the 8 July 1992 and all subsequent revisions included in the Design Criteria Information System (DCIS). The life cycle cost analysis shows replacement to be more cost effective than all other feasible alternatives.

MILITARY FAMILY HOUSING JUSTIFICATION	1. DATE OF REPORT	2. FISCAL YEAR	REPORT CONTROL SYMBOL
	February 1995	1997	P&L (AR) 1716

3. DOD COMPONENT	4. REPORTING INSTALLATION	
ARMY	a. NAME	b. LOCATION
5. DATA AS OF	Redstone Arsenal A01202	Huntsville AL 35898-5000

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	540	1,316	802	2,658	433	1,210	933	2,576
7. PERMANENT PARTY PERSONNEL	496	1,149	247	1,892	380	962	247	1,589
8. GROSS FAMILY HOUSING REQUIREMENT	434	980	86	1,500	333	820	86	1,239
9. TOTAL UNACCEPTABLY HOUSED (a+b+c)	0	23	85	108				
a. INVOLUNTARILY SEPARATED	0	0	0	0				
b. IN MILITARY HOUSING TO BE DISPOSED/REPLACED	0	0	0	0				
c. UNACCEPTABLY HOUSED - IN COMMUNITY	0	23	85	108				
10. VOLUNTARY SEPARATIONS	2	17	1	20	1	14	1	16
11. EFFECTIVE HOUSING REQUIREMENTS	432	963	85	1,480	332	806	85	1,223
12. HOUSING ASSETS (a + b)	494	1,041	20	1,555	469	785	86	1,340
a. UNDER MILITARY CONTROL	491	675	0	1,166	237	648	66	951
(1) Housed in Existing DOD Owned/Controlled	429	574	0	1,003	237	648	66	951
(2) Under Contract / Approved					0	0	0	0
(3) Vacant	21	20	0	41				
(4) Inactive	41	81	0	122				
b. PRIVATE HOUSING	3	366	20	389	232	137	20	389
(1) Acceptably Housed	3	366	20	389				
(2) Acceptable Vacant Rental	0	0	0	0				
13. EFFECTIVE HOUSING DEFICIT	(62)	(78)	65	(75)	(137)	21	(1)	(117)
14. PROPOSED PROJECT					0	118	0	118

15 REMARKS (Specify item number)

Line 14. This project will demolish 225 uneconomical to revitalize Junior and Senior NCO units and construct 108 Junior and 10 Senior NCO replacement units. There is a net inventory reduction of 107 units.

Junior NCO: 30 Two bedroom units
Junior NCO: 50 Three bedroom units
Junior NCO: 22 Four bedroom units
Junior NCO: 6 Five bedroom units
Senior NCO: 6 Three bedroom units
Senior NCO: 4 Four bedroom units

1. COMPONENT	FY 1996-1997 MILITARY CONSTRUCTION PROGRAM	2. DATE
ARMY		February 1995

3. INSTALLATION AND LOCATION	4. COMMAND	5. AREA CONSTRUCTION COST INDEX
Fort Carson Colorado	US Army Forces Command	1.12

6. PERSONNEL STRENGTH:

	PERMANENT			STUDENTS			SUPPORTED			
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF 30 SEP 1994	1716	15376	2177	0	134	0	18	79	1682	21,182
B. END FY 2000	1776	14807	1996	0	140	0	19	91	2383	21,212

7. INVENTORY DATA ($000)

A. TOTAL ACREAGE.....	373,300 AC	
B. INVENTORY TOTAL AS OF 30 SEP 1994.....		1,774,433
C. AUTHORIZATION NOT YET IN INVENTORY.....		0
D. AUTHORIZATION REQUESTED IN THE FY 1996 PROGRAM.....		0
E. AUTHORIZATION REQUESTED IN THE FY 1997 PROGRAM.....		19,000
F. PLANNED IN NEXT FOUR YEARS (NEW MISSION ONLY).....		0
G. REMAINING DEFICIENCY.....		0
H. GRAND TOTAL.....		1,793,433

8. PROJECTS REQUESTED IN THE FY 1996 PROGRAM: NONE

9. FUTURE PROJECTS:

CATEGORY CODE	PROJECT TITLE	COST ($000)
A. REQUESTED IN THE FY 1997 PROGRAM:		
711	Family Housing Replacement Construction	19,000
	TOTAL	19,000

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

10. MISSION OR MAJOR FUNCTIONS:

Support and training of the 4th Infantry Division (Mechanized) and other non-divisional units. Ensure the most efficient use of resources to operate Fort Carson and accomplish all assigned missions and support of tenant activities. Command of all assigned and attached units, organize and train all units to ensure combat readiness. Provide command and control of the Pinon Canyon maneuver site. Ensure that Fort Carson is prepared for mobilization.

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:

	($000)
A. AIR POLLUTION	0
B. WATER POLLUTION	10,850
C. OCCUPATIONAL SAFETY AND HEALTH	0

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1.COMPONENT	FY 1997 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		February 1995

3.INSTALLATION AND LOCATION	4.PROJECT TITLE
Fort Carson, Colorado	Family Housing Replacement Construction

5.PROGRAM ELEMENT	6.CATEGORY CODE	7.PROJECT NUMBER	8.PROJECT COST ($000)
88741A	711	40189	Auth 19,000 Approp 19,000

9.COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITY				11,460
Two, Three & Four BR Units	SF	154,995	68.32	(10,589)
Special Foundation	SF	95,900	5.05	(484)
Garages	FA	147	2,300	(338)
Building Information Systems	LS	--	--	(49)
SUPPORTING FACILITIES				5,443
Electric Service	LS	--	--	(258)
Water, Sewer, Gas	LS	--	--	(700)
Paving, Walks, Curbs And Gutters	LS	--	--	(480)
Storm Drainage	LS	--	--	(160)
Site Imp(1,475) Demo(2,319)	LS	--	--	(3,795)
Information Systems	LS	--	--	(50)
ESTIMATED CONTRACT COST				16,903
CONTINGENCY PERCENT (5.00%)				845
SUBTOTAL				17,748
SUPERVISION, INSPECTION & OVERHEAD (6.00%)				1,065
TOTAL REQUEST				18,813
TOTAL REQUEST (ROUNDED)				19,000
INSTALLED EQUIPMENT-OTHER APPROPRIATIONS				(0)

10.Description of Proposed Construction

Whole neighborhood revitalization by replacement of 148 family housing quarters consisting of 147 (92 two bedroom and 55 three bedroom) junior noncommissioned officer (JRNCO) family housing units, constructed in 1957-58, and one temporary wood housing unit, constructed in the 1920's, used to house the Division Command Sergeant Major. Existing housing units (148 units at 168,100 SF in 35 buildings) are uneconomical to revitalize and will be demolished including support infrastructure upon completion and occupancy of the replacement units. Construction will be on a new site consisting of variously configured one and two story multi-unit buildings which will be factory built/manufactured and/or conventionally on-site constructed. Seven units will be accessible and easily modifiable to accommodate the requirements of the handicapped. Project provides exterior patios, privacy fencing, stoves, refrigerators, hard wired interconnected smoke detectors, ceiling fans, landscaping, playgrounds and recreational courts. Due to the expansive soils prevalent on Fort Carson, special foundations are required, and garages are being provided due to severe weather conditions.

1.COMPONENT	FY 1997 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		February 1995

3.INSTALLATION AND LOCATION

Fort Carson, Colorado

4.PROJECT TITLE	5.PROJECT NUMBER
Family Housing Replacement Construction	40189

DESCRIPTION OF PROPOSED CONSTRUCTION: (CONTINUED)

GRADE	NUMBER BEDROOMS	NET AREA	PROJECT FACTOR	$/SF	NUMBER UNITS	($000) TOT COST
JRNCO	2	950	1.12	61	92	$5,971
JRNCO	3	1200	1.12	61	55	$4,509
SRNCO	4	1595	1.12	61	1	$109
					148	$10,589

PROJECT: Whole neighborhood revitalization by replacing one senior and 147 junior noncommissioned officer family housing units, neighborhood amenities and supporting infrastructure to current energy and construction standards. (Current Mission)

REQUIREMENT: This project is required to improve current living conditions provided by existing enlisted family housing. The quarters' deteriorated condition, lack of amenities, and failing support facilities/systems warrant replacement. Planned replacement units and infrastructure will meet current standards of energy conservation, unit size, habitability and safety. Enclosed parking facilities are needed to protect occupants' vehicles from adverse, damaging weather (i.e., high wind and hail) that occur at Fort Carson throughout the year. Current units cannot be economically revitalized to meet current standards.

CURRENT SITUATION: Two story units have only one second floor bathroom and none on the first floor. Bathrooms are extremely small with outdated fixtures. In many areas, layers of paint are chipped, revealing the lead based paint used during original construction and repainting efforts through the early 1970's. Vinyl floors are cracked, stained and mismatched. Due to fair wear and tear, kitchens, mechanical/electrical systems and equipment have deteriorated, requiring excessive maintenance and repair. Energy conservation goals cannot be attained due to insufficient insulation, single pane windows, and overaged inefficient equipment. Wiring systems (cable TV, telephone, some electrical) have been routinely tacked to the outside brick walls and interior walls. Rear yard areas lack patios, are very small and the lack of fencing allows no privacy. No covered parking is provided, and no parking is available adjacent to the units. Neither front nor rear entryways are covered. Occupants must compete with visitors for slots in parking lots, and significant on-street parking results, causing congestion and putting playing children at risk. Recreational support facilities, other than marginal childrens' play areas, are totally lacking. The CSM is housed in a 70 year old temporary wood housing unit acquired on the original parcel of land which comprised Camp Carson in 1942. This unit, expanded in the past, is significantly undersized (approximately 1200 net square feet), poorly insulated, has original wiring

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

1.COMPONENT	FY 1997 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		February 1995

3.INSTALLATION AND LOCATION

Fort Carson, Colorado

4.PROJECT TITLE	5.PROJECT NUMBER
Family Housing Replacement Construction	40189

CURRENT SITUATION: (CONTINUED)
and plumbing in the portion constructed in the 1920's and cannot be economically revitalized.

IMPACT IF NOT PROVIDED: If this project is not approved, service members and their families will continue to reside in inadequate, deteriorating housing not meeting current Army quality of life criteria and lacking many of the basic amenities currently authorized. This adversely affects the health, safety and morale of occupants, and is detrimental to the retention of these quality soldiers. Maintenance, repair and energy support costs will continue to increase, precluding attainment of mandated energy reduction goals.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and no physical security and/or combatting terrorism (CBT/T) measures are required. This project complies with the scope and design criteria of DOD 4270.1-M, "Construction Criteria," that were in effect 1 January 1987, as implemented by the Army's Architectural and Engineering Instruction (AEI), "Design Criteria," dated 9 December 1991, with the 8 July 1992 and all subsequent revisions included in the Design Criteria Information System (DCIS). The life cycle cost analysis shows replacement to be more cost effective than all other feasible alternatives.

MILITARY FAMILY HOUSING JUSTIFICATION	1. DATE OF REPORT	2. FISCAL YEAR	REPORT CONTROL SYMBOL
	February 1995	1997	P&L (AR) 1716

DOD COMPONENT	4. REPORTING INSTALLATION	
ARMY	a. NAME	b. LOCATION
DATA AS OF	Fort Carson A08005	Colorado Springs CO 80913-5000

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)
TOTAL PERSONNEL STRENGTH	1,734	12,751	2,838	17,323	1,795	12,301	2,737	16,833
PERMANENT PARTY PERSONNEL	1,734	12,617	2,838	17,189	1,795	12,161	2,737	16,693
GROSS FAMILY HOUSING REQUIREMENTS	1,205	8,958	601	10,764	1,247	8,634	579	10,460
TOTAL UNACCEPTABLY HOUSED (a+b+c)	90	1,366	208	1,664				
a. INVOLUNTARILY SEPARATED		128	23	151				
b. IN MILITARY HOUSING TO BE DISPOSED/REPLACED				0				
c. UNACCEPTABLY HOUSED - IN COMMUNITY	90	1,238	185	1,513				
9. VOLUNTARY SEPARATIONS	30	343	73	446	31	330	70	431
11. EFFECTIVE HOUSING REQUIREMENTS	1,175	8,615	528	10,318	1,216	8,304	509	10,029
12. HOUSING ASSETS (a + b)	1,090	7,289	320	8,699	1,090	7,289	320	8,699
a. UNDER MILITARY CONTROL	228	1,598	0	1,826	228	1,598	0	1,826
(1) Housed in Existing DOD Owned/Controlled	223	1,558	0	1,781	86	1,598	0	1,684
(2) Under Contract / Approved					142			142
(3) Vacant	3	14		17				
(4) Inactive	2	26	0	28				
b. PRIVATE HOUSING	862	5,691	320	6,873	862	5,691	320	6,873
(1) Acceptably Housed	862	5,691	320	6,873				
(2) Acceptable Vacant Rental	0	0	0	0				
13. EFFECTIVE HOUSING DEFICIT	85	1,326	208	1,619	126	1,015	189	1,330
14. PROPOSED PROJECT					0	148	0	148

15. REMARKS (Specify item number)

Line 14 This project will demolish 147 Junior NCO units and one Senior NCO unit which are uneconomical to revitalize and construct 148 new units at a new site. There is no net change to the inventory as a result of this project.

Junior NCO: 92 Two Bedroom Units
Junior NCO: 55 Three Bedroom Units
Senior NCO: 1 Four Bedroom Unit

1. COMPONENT	FY 1996-1997 MILITARY CONSTRUCTION PROGRAM	2. DATE
ARMY		February 1995

3. INSTALLATION AND LOCATION	4. COMMAND	5. AREA CONSTRUCTION COST INDEX
Schofield Barracks Hawaii	US Army Pacific	1.73

6. PERSONNEL STRENGTH:

	PERMANENT			STUDENTS			SUPPORTED			
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF 30 SEP 1994	2340	15886	4578	28	75	0	150	1686	3396	28,139
B. END FY 2000	2400	15879	4384	26	103	0	153	1728	3584	28,257

7. INVENTORY DATA ($000)

A. TOTAL ACREAGE.....	53,005 AC	
B. INVENTORY TOTAL AS OF 30 SEP 1994.....		2,523,816
C. AUTHORIZATION NOT YET IN INVENTORY.....		0
D. AUTHORIZATION REQUESTED IN THE FY 1996 PROGRAM.....		0
E. AUTHORIZATION REQUESTED IN THE FY 1997 PROGRAM.....		30,000
F. PLANNED IN NEXT FOUR YEARS (NEW MISSION ONLY).....		0
G. REMAINING DEFICIENCY.....		0
H. GRAND TOTAL.....		2,553,816

8. PROJECTS REQUESTED IN THE FY 1996 PROGRAM: NONE

9. FUTURE PROJECTS:

CATEGORY CODE	PROJECT TITLE	COST ($000)
A. REQUESTED IN THE FY 1997 PROGRAM:		
711	Family Housing Replacement Construction	30,000
	TOTAL	30,000

B. PLANNED NEXT FOUR 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 for Army personnel, and provides administration, unaccompanied housing, support and training facilities for 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 1997 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
ARMY		February 1995

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	42458	Auth 30,000 Approp 30,000

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITY				22,990
Junior Enlisted Fam Qtrs (190)	SF	212,500	107.73	(22,893)
Building Information Systems	LS	--	--	(97)
SUPPORTING FACILITIES				4,273
Electric Service	LS	--	--	(716)
Water, Sewer, Gas	LS	--	--	(1,019)
Paving, Walks, Curbs And Gutters	LS	--	--	(762)
Storm Drainage	LS	--	--	(254)
Site Imp(483) Demo(988)	LS	--	--	(1,471)
Information Systems	LS	--	--	(51)
ESTIMATED CONTRACT COST				27,263
CONTINGENCY PERCENT (5.00%)				1,363
SUBTOTAL				28,626
SUPERVISION, INSPECTION & OVERHEAD (6.50%)				1,861
TOTAL REQUEST				30,487
TOTAL REQUEST (ROUNDED)				30,000
INSTALLED EQUIPMENT-OTHER APPROPRIATIONS				(0)

10. Description of Proposed Construction

Whole neighborhood revitalization by replacement of 190 junior enlisted two, three and four bedroom dwelling units constructed in 1961 that are uneconomical to revitalize. Replacement buildings will consist of variously configured multi-units and/or detached duplex units. Dwelling units will be factory-built manufactured houses or conventionally site built houses with carports and patios. The project will provide kitchen ranges, refrigerators, washers, dryers, garbage disposals, dishwashers, and hard wired interconnected smoke detectors. Supporting facilities include underground utilities, street lights, underground information systems, paving, walks, curbs and gutters, and site improvements including tot lots and landscaping. At least five percent of the dwelling units will be accessible and easily modifiable to accommodate the requirements of the handicapped. Demolish 190 units - 208,975 SF, including asbestos and lead base paint abatement.

Grade	No of Bedrooms	Net Area	Project Factor	$/NSF	No of Units	Total ($000)
E1-E6	2	950	1.71	63.00	86	8,802
E1-E6	3	1,200	1.71	63.00	64	8,274

1.COMPONENT	FY 1997 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		February 1995

3.INSTALLATION AND LOCATION	
Schofield Barracks, Hawaii	
4.PROJECT TITLE	5.PROJECT NUMBER
Family Housing Replacement Construction	42458

DESCRIPTION OF PROPOSED CONSTRUCTION: (CONTINUED)

E1-E6	4	1,350	1.71	63.00	40	5,817
				TOTAL:	190	22,893

PROJECT: Whole neighborhood revitalization by replacement of 190 family housing units for junior enlisted personnel including supporting infrastructure, energy conservation and neighborhood amenities. (Current Mission)

REQUIREMENT: This project is required to improve existing conditions of these junior enlisted quarters, neighborhood amenities and support facilities by providing replacement quarters that meet current standards of quality of life, energy conservation, size, habitability and safety. Existing housing has deteriorated to a condition where they are no longer economical to revitalize. Adequate on-post housing is required for assigned personnel.

CURRENT SITUATION: Living spaces in these units are undersized and deteriorated. The living, dining, kitchen, bedrooms, and bathroom areas require extensive repairs 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, the site has limited available parking spaces and carports. On-street parking is overcrowded making most streets accessible to one-way traffic only. The sewer lines are old and deteriorated and also require replacement. The existing three and four bedroom units are two story, one and one-half bath quarters at 1058 and 1173 net square feet respectively.

IMPACT IF NOT PROVIDED: If this project is not provided, inadequate quarters will remain in use, energy and maintenance costs will continue to increase, and the health, safety and quality of life of the occupants will be adversely affected.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and no physical security and/or combatting terrorism (CBT/T) measures are required. This project complies with the scope and design criteria of DOD 4270.1-M, "Construction Criteria," that were in effect 1 January 1987, as implemented by the Army's Architectural and Engineering Instruction (AEI), "Design Criteria," dated 9 December 1991, with the 8 July 1992 and all subsequent revisions included in the Design Criteria Information System (DCIS). The life cycle cost analysis shows replacement to be more cost eifective than all other feasible alternatives.

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

MILITARY FAMILY HOUSING JUSTIFICATION	1. DATE OF REPORT	2. FISCAL YEAR	REPORT CONTROL SYMBOL
	February 1995	1997	P&L (AR) 1716

3. DOD COMPONENT	4. REPORTING INSTALLATION	
ARMY	a. NAME	b. LOCATION
5. DATA AS OF	US Army Oahu, Hawaii	Honolulu, Hawaii HI 96858-5000 USA

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	2,518	13,506	4,141	20,165	2,579	13,707	4,003	20,289
7. PERMANENT PARTY PERSONNEL	2,498	13,431	4,166	20,095	2,553	13,604	4,027	20,184
8. GROSS FAMILY HOUSING REQUIREMENT	2,279	7,994	540	10,813	2,231	7,823	529	10,583
9. TOTAL UNACCEPTABLY HOUSED (a+b+c)	0	0	0	0				
a. INVOLUNTARILY SEPARATED				0				
b. IN MILITARY HOUSING TO BE DISPOSED/REPLACED				0				
c. UNACCEPTABLY HOUSED - IN COMMUNITY				0				
10. VOLUNTARY SEPARATIONS	19	178	27	224	19	178	27	224
11. EFFECTIVE HOUSING REQUIREMENTS	2,260	7,816	513	10,589	2,212	7,645	502	10,359
12. HOUSING ASSETS (a + b)	2,162	6,993	312	9,467	2,124	7,015	408	9,547
a. UNDER MILITARY CONTROL	1,545	5,594	146	7,285	1,545	5,969	396	7,910
(1) Housed in Existing DOD Owned/Controlled	1,545	5,594	146	7,285	1,545	5,969	396	7,910
(2) Under Contract / Approved							0	0
(3) Vacant				0				
(4) Inactive				0				
b. PRIVATE HOUSING	617	1,399	166	2,182	579	1,046	12	1,637
(1) Acceptably Housed	617	1,399	166	2,182				
(2) Acceptable Vacant Rental	0	0	0	0				
13. EFFECTIVE HOUSING DEFICIT	98	823	201	1,122	88	630	94	812
14. PROPOSED PROJECT					0	190	0	190

15. REMARKS (Specify item number)

Line 14. This project will demolish 190 uneconomical to revitalize units and construct 190 Junior Enlisted replacement units. There will be no change to the inventory as a result of this project.

Junior ENL: 86 Two bedroom units
Junior ENL: 64 Three bedroom units
Junior ENL: 40 Four bedroom units

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1. COMPONENT	FY 1996-1997 MILITARY CONSTRUCTION PROGRAM	2. DATE
ARMY		February 1995

3. INSTALLATION AND LOCATION	4. COMMAND	5. AREA CONSTRUCTION COST INDEX
Fort Knox Kentucky	US Army Training and Doctrine Command	0.98

6. PERSONNEL STRENGTH:

	PERMANENT			STUDENTS			SUPPORTED			
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF 30 SEP 1994	994	6985	4051	535	5214	1	66	219	3194	21,259
B. END FY 2000	820	5201	3434	516	5835	0	74	268	3222	19,370

7. INVENTORY DATA ($000)

A. TOTAL ACREAGE.....	109,210 AC
B. INVENTORY TOTAL AS OF 30 SEP 1994.....	2,234,337
C. AUTHORIZATION NOT YET IN INVENTORY.....	0
D. AUTHORIZATION REQUESTED IN THE FY 1996 PROGRAM.....	0
E. AUTHORIZATION REQUESTED IN THE FY 1997 PROGRAM.....	18,500
F. PLANNED IN NEXT FOUR YEARS (NEW MISSION ONLY).....	0
G. REMAINING DEFICIENCY.....	0
H. GRAND TOTAL.....	2,252,837

8. PROJECTS REQUESTED IN THE FY 1996 PROGRAM: NONE

9. FUTURE PROJECTS:

CATEGORY CODE	PROJECT TITLE	COST ($000)
A. REQUESTED IN THE FY 1997 PROGRAM:		
711	Family Housing Replacement Construction	18,500
	TOTAL	18,500

B. PLANNED NEXT FOUR 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 ROTC Region, U.S. Army ROTC Cadet Command, USA Readiness Group Knox Training Group, U.S. Army Information Systems 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 Operation, Summer Training, Reserve and National Guard Training Support, Support of Civilian Components.

1. COMPONENT	FY 1996-1997 MILITARY CONSTRUCTION PROGRAM	2. DATE
ARMY		February 1995

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

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

1.COMPONENT	FY 1997 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		February 1995

3.INSTALLATION AND LOCATION	4.PROJECT TITLE
Fort Knox, Kentucky	Family Housing Replacement Construction

5.PROGRAM ELEMENT	6.CATEGORY CODE	7.PROJECT NUMBER	8.PROJECT COST ($000)	
			Auth	18,500
88741A	711	14943	Approp	18,500

9.COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITY				10,487
Family Housing Jr NCO	SF	178,300	58.56	(10,441)
Building Information Systems	LS	--	--	(46)
SUPPORTING FACILITIES				6,147
Electric Service	LS	--	--	(306)
Water, Sewer, Gas	LS	--	--	(688)
Paving, Walks, Curbs And Gutters	LS	--	--	(827)
Storm Drainage	LS	--	--	(350)
Site Imp(1,531) Demo(2,330)	LS	--	--	(3,861)
Information Systems	LS	--	--	(115)
ESTIMATED CONTRACT COST				16,634
CONTINGENCY PERCENT (5.00%)				832
SUBTOTAL				17,466
SUPERVISION, INSPECTION & OVERHEAD (6.00%)				1,048
TOTAL REQUEST				18,514
TOTAL REQUEST (ROUNDED)				18,500
INSTALLED EQUIPMENT-OTHER APPROPRIATIONS				(0)

10.Description of Proposed Construction

Whole neighborhood revitalization by demolishing 194 junior enlisted Wherry family housing units and constructing 150 replacement units (46 two-bedroom, 48 three-bedroom, 49 four-bedroom, and 7 five-bedroom) in Area 13 of the Prichard Place neighborhood. This is phase I of a two-phase program to replace a total of 418, densely packed, 1950's era housing units which are uneconomical to revitalize, with 318 units built to current standards. This housing will replace existing four, six, eight, ten, and twelve unit buildings. The project will demolish 194 existing housing units (216,744 SF) and replacement construction will occur on the existing site and adjacent acreage. The layout of the neighborhood will expand and shift away from a major four-lane U.S. highway which borders the existing housing. The project includes central air conditioning, appliances, covered parking, driveways, sidewalks, patios, privacy fences, trash enclosures, site drainage, grading, and landscaping. The project will replace street and utility infrastructure systems. Neighborhood improvements include street lighting, bus stops, playgrounds and tennis/basketball courts. At least five percent of the units shall be accessible and easily modifiable to accommodate the requirements of the handicapped. Demolition of existing structures will include lead base paint and asbestos abatement.

1. COMPONENT	FY 1997 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
ARMY		February 1995

3. INSTALLATION AND LOCATION

Fort Knox, Kentucky

4. PROJECT TITLE	5. PROJECT NUMBER
Family Housing Replacement Construction	14943

DESCRIPTION OF PROPOSED CONSTRUCTION: (CONTINUED)

GRADE	BEDROOM	NET AREA	PROJECT FACTOR	COST/ NSF	NO. UNITS	($000) TOTAL
JRENL	2	950	0.96	61.00	46	2,559
JRENL	3	1200	0.96	61.00	48	3,373
JRENL	4	1350	0.96	61.00	49	3,874
JRENL	5	1550	0.96	61.00	7	635
				TOTAL	150	10,441

PROJECT: Whole neighborhood revitalization by replacing 194 junior enlisted family quarters with 150 dwelling units, neighborhood amenities and supporting infrastructure. (Current Mission)

REQUIREMENT: This project is required to improve existing living conditions for junior enlisted families including neighborhood amenities and supporting infrastructure by providing quarters that meet current standards of habitability, energy conservation and safety. Existing units are deteriorated to the extent that they cannot be economically revitalized.

CURRENT SITUATION: The dwelling units are wood frame construction, brick veneer, row-type apartments with four, six, eight, ten or twelve dwelling units per building adjanct to a major four lane highway. Two, three, and four bedroom dwelling units contain 854, 1000, and 1375 net square feet of living area, respectively. Two and three bedroom units have one full bath located on the second floor with the bedrooms. Four bedroom units have two full baths and three bedrooms located on the second floor. Kitchen space in these units is very cramped, barely allowing room to walk, and lack dishwashers, vented kitchen range hoods and garage disposals. In some units, the refrigerator is kept in the utility room next to the furnace for lack of kitchen space. The buildings' interiors and exteriors are deteriorated. Generally wall and floor surfaces, tile floors, cabinets, sinks, and bathtubs are severely worn. Wiring is undersized and television cables lie loosely on floors. Utility systems, streets, and sidewalks are in need of repair. Storm water runoff collects in the yards due to poor grading and drainage. The neighborhood provides minimal playground equipment.

IMPACT IF NOT PROVIDED: If this project is not provided, the quarters will continue to deteriorate and the units will be no longer habitable. The health, safety and quality of life of the occupants will diminish and energy conservation goals will not be met.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and no physical security and/or combatting terrorism (CBT/T) measures are required. This project complies with the scope and design criteria of DOD 4270.1-M, "Construction Criteria," that were in effect 1 January 1987, as implemented by the Army's Architectural and Engineering

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

1.COMPONENT	FY 1997 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		February 1995

3.INSTALLATION AND LOCATION	
Fort Knox, Kentucky	
4.PROJECT TITLE	5.PROJECT NUMBER
Family Housing Replacement Construction	14943

ADDITIONAL: (CONTINUED)

Instruction (AEI), "Design Criteria," dated 9 December 1991, with the 8 July 1992 and all subsequent revisions included in the Design Criteria Information System (DCIS). The life cycle cost analysis shows replacement to be more cost effective than all other feasible alternatives. As a result of this project, there is a net inventory reduction of 44 family housing units at Fort Knox. Future revitalization/replacement projects and planned demolition will further decrease the Fort Knox family housing inventory.

MILITARY FAMILY HOUSING JUSTIFICATION	1. DATE OF REPORT	2. FISCAL YEAR	REPORT CONTROL SYMBOL
	February 1995	1997	

3. DOD COMPONENT	4. REPORTING INSTALLATION	
ARMY	a. NAME	b. LOCATION
5. DATA AS OF	Fort Knox A21405	Fort Knox KY 40121-5000

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	1,595	6,790	5,631	14,016	1,410	5,673	5,631	12,714
7. PERMANENT PARTY PERSONNEL	1,220	6,237	970	8,427	1,061	5,021	448	6,530
8. GROSS FAMILY HOUSING REQUIREMENT	1,012	4,758	318	6,088	880	3,830	146	4,856
9. TOTAL UNACCEPTABLY HOUSED (a+b+c)	0	0	0	0				
a. INVOLUNTARILY SEPARATED				0				
b. IN MILITARY HOUSING TO BE DISPOSED/REPLACED				0				
c. UNACCEPTABLY HOUSED - IN COMMUNITY				0				
10. VOLUNTARY SEPARATIONS	10	49	4	63	8	39	1	48
11. EFFECTIVE HOUSING REQUIREMENTS	1,002	4,709	314	6,025	872	3,791	145	4,808
12. HOUSING ASSETS (a + b)	1,249	5,248	324	6,821	1,249	5,248	324	6,821
a. UNDER MILITARY CONTROL	781	3,582	0	4,363	781	3,582	0	4,363
(1) Housed in Existing DOD Owned/Controlled	731	3,481		4,212	781	3,582		4,363
(2) Under Contract / Approved								0
(3) Vacant	48	94		142				
(4) Inactive	2	7		9				
b. PRIVATE HOUSING	468	1,666	324	2,458	468	1,666	324	2,458
(1) Acceptably Housed	271	1,228	314	1,813				
(2) Acceptable Vacant Rental	197	438	10	645				
13. EFFECTIVE HOUSING DEFICIT	(247)	(539)	(10)	(796)	(377)	(1,457)	(179)	(2,013)
14. PROPOSED PROJECT						150		150

15. REMARKS (Specify item number)

Line 14. This project demolishes 194 Junior NCO units and replaces them with 150 replacement units. There is a net inventory reduction of 44 units as a result of this project. Fort Knox has a plan that reduces their overall family housing inventory by 754 units through a combination of revitalization and replacement housing. Part of this plan includes demolition of unneeded and uneconomical to revitalize family housing dwelling units.

Junior NCO: 46 Two Bedroom Units
Junoir NCO: 48 Three Bedroom Units
Junior NCO: 49 Four Bedroom Units
Junior NCO: 7 Five Bedroom Units

DD Form 1523, NOV 90 *Previous editions are obsolete*

1. COMPONENT	FY 1996-1997 MILITARY CONSTRUCTION PROGRAM	2. DATE
ARMY		February 1995

3. INSTALLATION AND LOCATION	4. COMMAND	5. AREA CONSTRUCTION COST INDEX
Fort Hood Texas	US Army Forces Command	0.90

6. PERSONNEL STRENGTH:

	PERMANENT			STUDENTS			SUPPORTED			
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF 30 SEP 1994	4822	39643	4003	0	238	0	82	273	1595	50,656
B. END FY 2000	4586	38386	3336	0	271	0	78	266	3247	50,170

7. INVENTORY DATA ($000)

A. TOTAL ACREAGE.....	217,427 AC
B. INVENTORY TOTAL AS OF 30 SEP 1994.....	3,459,818
C. AUTHORIZATION NOT YET IN INVENTORY.....	0
D. AUTHORIZATION REQUESTED IN THE FY 1996 PROGRAM.....	0
E. AUTHORIZATION REQUESTED IN THE FY 1997 PROGRAM.....	19,500
F. PLANNED IN NEXT FOUR YEARS (NEW MISSION ONLY).....	0
G. REMAINING DEFICIENCY.....	36,000
H. GRAND TOTAL.....	3,515,318

8. PROJECTS REQUESTED IN THE FY 1996 PROGRAM: NONE

9. FUTURE PROJECTS:

CATEGORY CODE	PROJECT TITLE	COST ($000)
A. REQUESTED IN THE FY 1997 PROGRAM:		
711	Family Housing Replacement Construction	19,500
	TOTAL	19,500

B. PLANNED NEXT FOUR 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

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1.COMPONENT	FY 1997 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		February 1995

3.INSTALLATION AND LOCATION	4.PROJECT TITLE
Fort Hood, Texas	Family Housing Replacement Construction

5.PROGRAM ELEMENT	6.CATEGORY CODE	7.PROJECT NUMBER	8.PROJECT COST ($000)
88741A	711	23494	Auth 19,500 Approp 19,500

9.COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITY				11,476
Family Housing	SF	216,300	52.70	(11,399)
Building Information Systems	LS	--	--	(77)
SUPPORTING FACILITIES				6,088
Electric Service	LS	--	--	(716)
Water, Sewer, & Gas	LS	--	--	(1,466)
Paving, Walks, Curbs & Gutters	LS	--	--	(641)
Storm Drainage	LS	--	--	(384)
Site Imp(1,126) Demo(1,640)	LS	--	--	(2,766)
Information Systems	LS	--	--	(115)
ESTIMATED CONTRACT COST				17,564
CONTINGENCY PERCENT (5.00%)				878
SUBTOTAL				18,442
SUPERVISION, INSPECTION & OVERHEAD (6.00%)				1,107
TOTAL REQUEST				19,549
TOTAL REQUEST (ROUNDED)				19,500
INSTALLED EQUIPMENT-OTHER APPROPRIATIONS				(0)

10.Description of Proposed Construction

Whole neghborhood revitalization by demolition of 150 two and three-bedroom junior noncomissioned officer dwelling units in Chaffee Village, constructed in 1956, and construction of 81 four and 69 five-bedroom (150 total) junior noncommissioned officer (NCO) family dwelling units. Replacement construction will be on a new site and consist of variously configured multi-units and/or single buildings. Dwelling units will be factory built/manufactured houses and/or conventionally on-site constructed houses. The design includes wood frame construction, brick veneer, stucco or pre-finished siding. The dwelling units will be heated and air conditioned, and include all required utility services, communications, paving, walks, landscaping, recreation facilities and site improvements. Passive solar energy conservation measures will be utilized where shown to be cost effective. Project will provide range, refrigerator, washer and dryer connections, dishwasher, garbage disposal, hot water heater and smoke detectors. 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. The proposed site lacks roadway access and existing utility systems within the area are currently at maximum capacity. The existing 150 units will be demolished, requiring lead base paint, chlordane and asbestos

1.COMPONENT	FY 1997 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		February 1995

3.INSTALLATION AND LOCATION

Fort Hood, Texas

4.PROJECT TITLE	5.PROJECT NUMBER
Family Housing Replacement Construction	23494

DESCRIPTION OF PROPOSED CONSTRUCTION: (CONTINUED)

abatement as required.

Grade	Bedrooms	Net Area	Project Factor	Unit Cost	No. Units	($000) Total
JRNCO	4	1350	0.864	61.00	81	5,763
JRNCO	5	1550	0.864	61.00	69	5,637
TOTAL					150	11,400

PROJECT: Whole neighborhood revitalization by replacement of 150 junior noncommissioned officer family dwelling units and supporting facilities located in the Chaffee Village area with 150 four and five bedroom units on a new site. (New Mission)

REQUIREMENT: This project is required to correct existing living conditions of these junior noncommissioned officer quarters, neighborhood amenities and support facilities by providing quarters that meet current standards of quality of life, energy conservation, size, habitability and safety.

CURRENT SITUATION: These two and three bedroom units lack carports and adequate bulk storage. They are inadequately sized at 900 net square feet (NSF) and 1065 NSF respectively, with the washer, dryer and hot water heater in the kitchen. Mechanical and utility systems are inefficient and inadequately sized. Fort Hood has a deficit in four and five-bedroom houses for junior NCOs and a surplus in one, two, and three-bedroom houses for this grade level. Larger families now compete for smaller housing or face involuntary family separation. This project will help correct the inbalance of available four and five-bedroom units.

IMPACT IF NOT PROVIDED: If this project is not provided, these 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. In addition, soldiers and their families will be forced to continue to compete for limited four and five-bedroom housing in the civilian community or face involuntary family separations.

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 physical security and/or combatting terrorism (CBT/T) measures are required. This project complies with the scope and design criteria of DOD 4270.1-M, "Construction Criteria," that were in effect 1 January 1987, as implemented by the Army's Architectural and Engineering Instruction (AEI), "Design Criteria," dated 9 December 1991, with the 8 July 1992 and all subsequent revisions included in the Design Criteria Information System (DCIS).

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

MILITARY FAMILY HOUSING JUSTIFICATION		1. DATE OF REPORT	2. FISCAL YEAR	REPORT CONTROL SYMBOL
		February 1995	1997	

3. DOD COMPONENT	4. REPORTING INSTALLATION	
ARMY	a. NAME	b. LOCATION
5. DATA AS OF	Fort Hood A48255	Fort Hood TX 76544

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	4,904	31,115	9,039	45,058	4,664	30,161	8,762	43,587
7. PERMANENT PARTY PERSONNEL	4,904	30,877	9,039	44,820	4,664	29,890	8,762	43,316
8. GROSS FAMILY HOUSING REQUIREMENTS	3,383	20,657	2,639	26,679	3,217	19,996	2,558	25,771
9. TOTAL UNACCEPTABLY HOUSED (a+b+c)	0	0	0	0				
a. INVOLUNTARILY SEPARATED				0				
b. IN MILITARY HOUSING TO BE DISPOSED/REPLACED				0				
c. UNACCEPTABLY HOUSED - IN COMMUNITY				0				
10. VOLUNTARY SEPARATIONS	47	340	76	463	44	329	73	446
11. EFFECTIVE HOUSING REQUIREMENTS	3,336	20,317	2,563	26,216	3,173	19,667	2,485	25,325
12. HOUSING ASSETS (a + b)	3,585	21,766	3,962	29,313	3,585	21,993	3,962	29,540
a. UNDER MILITARY CONTROL	915	4,641	0	5,556	915	4,868	0	5,783
(1) Housed in Existing DOD Owned/Controlled	904	4,583		5,487	915	4,641		5,556
(2) Under Contract / Approved						227		227
(3) Vacant	11	58		69				
(4) Inactive				0				
b. PRIVATE HOUSING	2,670	17,125	3,962	23,757	2,670	17,125	3,962	23,757
(1) Acceptably Housed	2,432	15,734	2,653	20,819				
(2) Acceptable Vacant Rental	238	1,391	1,309	2,938				
13. EFFECTIVE HOUSING DEFICIT	(249)	(1,449)	(1,399)	(3,097)	(412)	(2,326)	(1,477)	(4,215)
14. PROPOSED PROJECT						150		150

15. REMARKS (Specify item number)

Line 13. Report does not reflect deficit associated with number of bedrooms. Ft Hood has a deficit of 1,705 units with 4 or more bedrooms that cannot be supported by private rentals.

Line 14. This project will demolish 150 Junior NCO 2 and 3 bedroom units which are uneconomical to revitalize and construct 150 Junior NCO 4 and 5 bedroom units. There is no net change to the inventory as a result of this project.

Junior NCO: 81 Four Bedroom Units
Junior NCO: 69 Five Bedroom Units

DD Form 1523, NOV 90 *Previous editions are obsolete*

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1. COMPONENT	FY 1996-1997 MILITARY CONSTRUCTION PROGRAM	2. DATE
ARMY		February 1995

3. INSTALLATION AND LOCATION	4. COMMAND	5. AREA CONSTRUCTION COST INDEX
Worldwide Various Locations Worldwide Various	US Army Southern Command	1.00

6. PERSONNEL STRENGTH:

	PERMANENT			STUDENTS			SUPPORTED			
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF 30 SEP 1994	0	0	0	0	0	0	0	0	0	0
B. END FY 2000	0	0	0	0	0	0	0	0	0	0

7. INVENTORY DATA ($000)

A. TOTAL ACREAGE.....	0 AC
B. INVENTORY TOTAL AS OF 30 SEP 1994.....	0
C. AUTHORIZATION NOT YET IN INVENTORY.....	17,061,406
D. AUTHORIZATION REQUESTED IN THE FY 1996 PROGRAM.....	0
E. AUTHORIZATION REQUESTED IN THE FY 1997 PROGRAM.....	1,000
F. PLANNED IN NEXT FOUR YEARS (NEW MISSION ONLY).....	0
G. REMAINING DEFICIENCY.....	0
H. GRAND TOTAL.....	17,062,406

8. PROJECTS REQUESTED IN THE FY 1996 PROGRAM: NONE

9. FUTURE PROJECTS:

CATEGORY CODE	PROJECT TITLE	COST ($000)
A. REQUESTED IN THE FY 1997 PROGRAM:		
711	Family Housing Replacement Construction	1,000
	TOTAL	1,000

B. PLANNED NEXT FOUR 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

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1.COMPONENT	FY 1997 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		February 1995

3.INSTALLATION AND LOCATION	4.PROJECT TITLE
Worldwide Various Locations, Worldwide Var	Family Housing Replacement Construction

5.PROGRAM ELEMENT	6.CATEGORY CODE	7.PROJECT NUMBER	8.PROJECT COST ($000)
88741A	711	45407	Auth 1,000 Approp 1,000

9.COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITY				707
Family Housing - GFOQ	SF	10,500	67.14	(705)
Building Information Systems	LS	--	--	(2)
SUPPORTING FACILITIES				209
Electric Service	LS	--	--	(30)
Water, Sewer, Gas	LS	--	--	(50)
Paving, Walks, Curbs And Gutters	LS	--	--	(75)
Storm Drainage	LS	--	--	(25)
Site Imp(25) Demo( )	LS	--	--	(25)
Information Systems	LS	--	--	(4)
ESTIMATED CONTRACT COST				916
CONTINGENCY PERCENT (5.00%)				46
SUBTOTAL				962
SUPERVISION, INSPECTION & OVERHEAD (6.00%)				58
TOTAL REQUEST				1,020
TOTAL REQUEST (ROUNDED)				1,000
INSTALLED EQUIPMENT-OTHER APPROPRIATIONS				(0)

10.Description of Proposed Construction

Construct 5 replacement General Officer family quarters to allow personnel to relocate from Panama to an as yet undetermined location. Dwelling units will be factory-built manufactured houses or conventionally site built houses with garages and patios. The project will provide all kitchen appliances, hard wired interconnected smoke detectors and a central heating, ventilating and air conditioning system. Supporting facilities include underground utilities, street lights, underground information systems, paving, walks, curbs and gutters and landscaping. One dwelling unit will be accessible and easily modifiable to accommodate the requirements of the handicapped and in all five units, the first floor bathrooms will be configured for handicapped access.

Grade	No of Bedrooms	Net Area	Project Factor	$/NSF	No of Units	Total ($000)
GEN'L OFF	4	2100	1.1	61.00	5	705

PROJECT: Construct 5 replacement General Officer family quarters to relocate personnel from Panama to an as yet undetermined location. (New Mission)

1.COMPONENT	FY 1997 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		February 1995

3.INSTALLATION AND LOCATION

Worldwide Various Locations, Worldwide Var

4.PROJECT TITLE	5.PROJECT NUMBER
Family Housing Replacement Construction	45407

REQUIREMENT: This project is required to provide replacement family housing for General Officers who are being relocated from Panama.
CURRENT SITUATION: The US SOUTHERN Command is relocating from Panama. Adequate on-post General Officer family housing will be required at the Command's new location. The availability of such adequate housing will be fully evaluated once a relocation site is determined.
IMPACT IF NOT PROVIDED: If this project is not provided, adequate on-post family housing will not be available for these General Officers.
ADDITIONAL: This project will be coordinated with the gaining installation's physical security plan to determine the requirement for any physical security and/or combatting terrorism (CBT/T) measures. This project will comply with the scope and design criteria of DOD 4270.1-M, "Construction Criteria," that were in effect 1 January 1987, as implemented by the Army's Architectural and Engineering Instruction (AEI), "Design Criteria," dated 9 December 1991, with the 8 July 1992 and all subsequent revisions included in the Design Criteria Information System (DCIS).

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

ARMY FAMILY HOUSING
FY 1997 BUDGET ESTIMATES
POST ACQUISITION CONSTRUCTION

	($ In Thousands)
FY 1997 Program	14,200
FY 1996 Program	66,570

PURPOSE AND SCOPE

The Army operates and maintains an inventory of approximately 130,000 family housing units. The average age of these units exceeds 30 years. Many of these units require major expenditures for improvements or revitalization to meet contemporary living standards and to provide some of the modern amenities found in comparable community housing. The Post Acquisition program provides this needed revitalization. The proposed work will increase the useful life of our investment by 25 years and concurrently accomplish delayed/deferred maintenance and repairs.

The Army is continuing to place major emphasis on the "whole neighborhood" revitalization concept which considers the requirement of the total neighborhood including the dwelling units, supporting utilities, energy conservation, roads, playgrounds, and community facilities. This will eliminate much of the existing stereotype construction, upgrade quarters to a more livable condition, and provide functional units in more attractive housing areas. Economic analyses have been used to determine whether revitalization or replacement housing is the wiser long-term investment. We have eliminated overseas post acquisition construction projects from this submittal due to the uncertainties involved in overseas basing, especially in Europe. We are not neglecting our overseas locations; however we are budgeting only maintenance and repair requirements essential to restoring badly deteriorated facilities.

PROGRAM SUMMARY

Authorization is requested for appropriation for whole neighborhood revitalization and improvements of 1,001 units and various improvements to an additional 298 units.

a. Projects to exceed the $50,000 per dwelling unit (adjusted by the area construction factor) statutory funding limitation to perform:

(1) Whole neighborhood revitalization of 262 units at Fort Campbell, KY.

(2) Whole neighborhood revitalization of 202 units at Fort Meade, MD.

(3) Whole neighborhood revitalization of 22 units at the United States Military Academy, NY.

(4) Whole neighborhood revitalization of 96 historic units at Fort Bragg, NC.

(5) Whole neighborhood revitalization of 119 historic units, including six general/flag officer quarters (GFOQ), at Fort Monroe, VA.

FUNDING SUMMARY

Regular Improvements Program ($000)	Requested Authorization Amount ($000)
$66,570	$66,570

1.COMPONENT	FY 1997 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		February 1995

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 66,570 Approp 66,570

9.COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
Post Acquisition Construction Improvements		LS		66,570
Projects qualifying for the Defense Energy Conservation Investment Program (ECIP)		LS		0
TOTAL				66,570

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 square footage 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, off street parking, landscaping and recreation facilities.

1.COMPONENT	FY 1997 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		February 1995

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 accepted standards, affecting their duty performance and adversely impacting on the Army's mission.

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

1. COMPONENT	FY 1997 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
ARMY		February 1995

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
Kansas			
Fort Leavenworth			
(Project Number 39844)	9,900		
Improve 248 historic and 52 nonhistoric senior and field grade officer quarters. Provide air conditioning, upgrade electrical distribution and insulation, and replace heating systems - 300 units.			
Installation Total			9,900
Kentucky			
Fort Campbell			
(Project Number 25178)	19,000		
Whole neighborhood revitalization of company grade officer family housing to current standards including supporting infrastructure, community recreational facilities and energy conservation improvements - 262 units. (Separate DD form 1391 is attached).			
Installation Total			19,000
Maryland			
Fort Meade			
(Project Number 42906)	10,600		
Whole neighborhood revitalization (phase 3 of 4) of junior enlisted family housing to current standards including supporting infrastructure, community recreational facilities and energy conservation improvements - 202 units. (Separate DD Form 1391 is attached).			
Installation Total			10,600

1.COMPONENT	FY 1997 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		February 1995

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
New York			
U S Military Academy			
(Project Number 27408)	900		
Whole house revitalization of special category family housing to current standards including conversion of a four-plex into a duplex, energy conservation and neighborhood improvements - 5 units. (Separate DD Form 1391 is attached)			
(Project Number 44428)	1,600		
Whole neighborhood revitalization of historic field grade officer family housing to current standards including energy conservation and neighborhood improvements - 14 units. (Separate DD Form 1391 is attached).			
(Project Number 44431)	370		
Whole neighborhood revitalization of historic field grade officer family housing to current standards including energy conservation and neighborhood improvements - 3 units. (Separate DD Form 1391 is attached).			
Installation Total			2,870
North Carolina			
Fort Bragg			
(Project Number 15062)	10,000		
Whole neighborhood revitalization of historic junior enlisted family housing to current standards including supporting infrastructure, energy conservation and neighborhood improvements - 96 units. (Separate DD Form 1391 is attached).			
Installation Total			10,000

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

1.COMPONENT	FY 1997 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		February 1995

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
Virginia			
Fort Monroe			
(Project Number 25519)	14,200		

Whole neighborhood revitalization of historic general, field and company grade officer and enlisted family housing quarters to current standards including supporting infrastructure, community recreational facilities and energy conservation improvements - 119 units. (Separate DD Form 1391 is attached).

Installation Total			14,200
USA TOTALS	66,570		66,570
Total USA and Overseas	66,570		66,570

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1.COMPONENT	FY 1997 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		February 1995

3.INSTALLATION AND LOCATION	4.PROJECT TITLE
Fort Campbell, Kentucky	Family Housing Improvements

5.PROGRAM ELEMENT	6.CATEGORY CODE	7.PROJECT NUMBER	8.PROJECT COST ($000)
88742A	711	25178	Auth 19,000 Approp 19,000

9.COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITY				12,845
2 Bedroom, CGO	FA	134	36,600	(4,904)
3 Bedroom, CGO	FA	128	52,600	(6,733)
Asbestos Abatement	LF	11,258	20.00	(225)
Lead Paint Abatement	SF	327,500	3.00	(983)
SUPPORTING FACILITIES				3,254
Electric Service	LS	--	--	(1,640)
Water, Sewer, Gas	LS	--	--	(179)
Paving, Walks, Curbs And Gutters	LS	--	--	(703)
Storm Drainage	LS	--	--	(90)
Site Imp(642) Demo( )	LS	--	--	(642)
ESTIMATED CONTRACT COST				16,099
CONTINGENCY PERCENT (10.0%)				1,610
SUBTOTAL				17,709
SUPERVISION, INSPECTION & OVERHEAD (6.00%)				1,063
TOTAL REQUEST				18,772
TOTAL REQUEST (ROUNDED)				19,000
INSTALLED EQUIPMENT-OTHER APPROPRIATIONS				(0)

10.Description of Proposed Construction

Whole neighborhood revitalization of 262 one story, duplex company grade officer family housing units in Werner Park constructed in 1960-62. Work includes increasing the net square footage and replacing the heating and air conditioning systems in the three bedroom units. Work in all units includes improvements to floor plans, redesign of the kitchen and bathrooms, and addition of family room and laundry room. Replace windows, blinds, trim, interior doors and hardware, floor covering, wall insulation and plumbing. Upgrade the electrical system, including fixtures and main panel. Asbestos removal and lead-based paint abatement is required. Replace the carport, exterior storage, driveways/parking areas and the patio, and provide patio cover and fencing. Supporting facilities include placing telephone, TV cable and electrical lines underground, additional street/security lighting, adding tot lots, multi-purpose courts, jogging paths and landscaping. Repair or replace utility lines (water, sanitary and storm sewers), provide curbs, gutters and sidewalks, repave streets and upgrade signage to include entrance signs. Five percent of these quarters will be accessible and easily modifiable to accommodate the requirements of the handicapped.

1. COMPONENT	FY 1997 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
ARMY		February 1995

3. INSTALLATION AND LOCATION

Fort Campbell, Kentucky

4. PROJECT TITLE	5. PROJECT NUMBER
Family Housing Improvements	25178

PROJECT: Whole neighborhood revitalization of 262 company grade officer family housing quarters, including neighborhood amenities and supporting facilities to current standards. (Current Mission)

REQUIREMENT: This project is required to improve existing conditions of these company grade officer family quarters, neighborhood amenities and support facilities to meet current standards of size, habitability, safety, energy conservation, and to extend the life expectancy of these units.

CURRENT SITUATION: These units have only received minor improvements, such as addition of attic insulation, since they were constructed. There are 134 two-bedroom units with 1,011 net square feet and 128 three-bedroom units with 1,210 net square feet. The washer and dryer are located in the kitchen denying use of needed space for food preparations, storage and eating. Kitchen and bathroom fixtures are deteriorated, and plumbing and electrical systems need upgrading to meet current standards. None of the units have family rooms. The patio slabs and carport roofs are cracked and broken. The units do not have fencing, and the sidewalks, drop-inlets, curbs and gutters are cracked or broken. Utility lines are deteriorated and need to be repaired or replaced throughout the housing area. Streets need repair and 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. Potential asbestos and lead based paint hazards will remain. These conditions will adversely affect the health, safety and quality of life of these company grade officer personnel and their families. Maintenance and utility costs will continue to accelerate, adversely affecting the Army's goal of a 30% reduction in energy consumption.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and no physical security and/or combatting terrorism (CBT/T) measures are required. This project complies with the scope and design criteria of DOD 4270.1-M, "Construction Criteria," that were in effect 1 January 1987, as implemented by the Army's Architectural and Engineering Instruction (AEI), "Design Criteria," dated 9 December 1991, with the 8 July 1992 and all subsequent revisions included in the Design Criteria Information System (DCIS). The life cycle cost analysis shows improvement of existing housing to be more cost effective than replacement housing when compared over their useful life.

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

1.COMPONENT	FY 1997 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		February 1995

3.INSTALLATION AND LOCATION	4.PROJECT TITLE
Fort Meade, Maryland	Family Housing Improvements

5.PROGRAM ELEMENT	6.CATEGORY CODE	7.PROJECT NUMBER	8.PROJECT COST ($000)
88742A	711	42906	Auth 10,600 / Approp 10,600

9.COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITY				8,867
Revitalize 2 BR Quarters	FA	130	42,400	(5,512)
Revitalize 3 BR Quarters	FA	60	45,100	(2,706)
Revitalize 4 BR Quarters	FA	12	50,100	(601)
Building Information Systems	LS	--	--	(48)
SUPPORTING FACILITIES				255
Paving, Walks, Curbs And Gutters	LS	--	--	(112)
Site Imp(132) Demo(11)	LS	--	--	(143)
ESTIMATED CONTRACT COST				9,122
CONTINGENCY PERCENT (10.0%)				912
SUBTOTAL				10,034
SUPERVISION, INSPECTION & OVERHEAD (6.00%)				602
TOTAL REQUEST				10,636
TOTAL REQUEST (ROUNDED)				10,600
INSTALLED EQUIPMENT-OTHER APPROPRIATIONS				(0)

10.Description of Proposed Construction

Whole neighborhood revitalization of 202 junior enlisted Capehart quarters constructed in 1959 including neighborhood amenities and energy efficiency (phase 3 of 4). Work consists of renovating kitchen and second floor baths, lead base paint and asbestos abatement, demolition of exterior storage and construction of a first floor addition to provide a powder room and laundry area for 2 and 3 bedroom units, with the 4 bedroom units receiving a full bath. Garbage disposals, dishwashers, exhaust hoods and a kitchen eat-in area will be provided. Replace telephone and cable television wiring and upgrade electric and plumbing systems. Provide additional attic insulation and modify front entrances to provide protection from the weather. Furnaces will be replaced or modified to provide adequate air supply. Repair interior finishes and replace doors, hardware and venetian blinds. Replace exterior storage area and sidewalks. Provide privacy screens, tot lots and additional parking. Five percent of the units will be accessible and easily modifiable to accommodate requirements of the physically handicapped.

PROJECT: Whole neighborhood revitalization of 202 junior enlisted family housing units to current construction standards including neighborhood

1.COMPONENT	FY 1997 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		February 1995

3.INSTALLATION AND LOCATION	
Fort Meade, Maryland	
4.PROJECT TITLE	5.PROJECT NUMBER
Family Housing Improvements	42906

PROJECT: (CONTINUED)
amenities. (Current Mission)
REQUIREMENT: This project is required to improve existing conditions of these junior enlisted family quarters and provide neighborhood amenities to meet current standards of size, habitability, safety, energy conservation and to extend the life expectancy of these units.
CURRENT SITUATION: This housing area consists of 670 Capehart, two-story, townhouse, wood frame dwellings with brick veneer on the front lower level and vinyl siding elsewhere. During the mid-1980's, 340 units were renovated and increased in size. The 202 quarters in this project consist of 130 two bedroom units at 888 net square feet (NSF), 60 three bedroom units at 1039 NSF and 12 four bedroom units at 1221 NSF each. The remaining 138 units and supporting infrastructure upgrades will be accomplished in a subsequent project. In addition to being undersized, the interiors of these 202 units have worn out and need remodeling. Kitchens do not have adequate storage, garbage disposals, dish washers, exhaust hoods or an eat in area, and provide the only space for a washer and dryer. There is no bathroom on the first floor of the 2 and 3 bedroom units and only one and one half baths in the 4 bedroom units. Existing bathrooms are deteriorated and in need of replacement fixtures and electrical upgrade. The outside storage shed has passed its useful life. Sidewalks leading to each unit are narrow, broken and deteriorated. Neighborhood recreation facilities are totally inadequate. Parking space is lacking, causing congestion and presenting a safety hazard for children at play.
IMPACT IF NOT PROVIDED: If this project is not provided, military families will continue to live in inadequate housing. Deterioration of the units will accelerate. The deficiencies in these units will continue to adversely affect the health, safety and quality of life of these junior enlisted families, and operating costs will continue to accelerate.
ADDITIONAL: This project has been coordinated with the installation physical security plan, and no physical security and/or combatting terrorism (CBT/T) measures are required. This project complies with the scope and design criteria of DOD 4270.1-M, "Construction Criteria," that were in effect 1 January 1987, as implemented by the Army's Architectural and Engineering Instruction (AEI), "Design Criteria," dated 9 December 1991, with the 8 July 1992 and all subsequent revisions included in the Design Criteria Information System (DCIS). The life cycle cost analysis shows revitalization to be more cost effective than all other feasible alternatives.

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

1.COMPONENT	FY 1997 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		February 1995

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	27408	Auth 900 / Approp 900

9.COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITY				770
Revit Spec Cat Qtrs	FA	5	154,000	(770)
SUPPORTING FACILITIES				
ESTIMATED CONTRACT COST				770
CONTINGENCY PERCENT (10.0%)				77
SUBTOTAL				847
SUPERVISION, INSPECTION & OVERHEAD (6.00%)				51
TOTAL REQUEST				898
TOTAL REQUEST (ROUNDED)				900
INSTALLED EQUIPMENT-OTHER APPROPRIATIONS				(0)

10.Description of Proposed Construction

Whole house revitalization of five historic special category quarters. Interior work includes upgrade kitchens to provide appropriate work area, counter space, cabinets, garbage disposals, dishwashers, exhaust range hoods, GFI receptacles; upgrade bathrooms to include new plumbing fixtures and accessories, GFI receptacles. Provide 1/2 bath on first floor quarters 61, and 146, provide a full bath on second floor quarters 374. Repair floors, ceilings and walls throughout. Waterproof basements. Upgrade utility rooms and closets. Upgrade plumbing and electrical systems to meet current codes, liveability and safety standards. Install airconditioning. Strip multiple layers of paint from all woodwork components including porches and columns, repoint brickwork including chimneys, repair roofs, replace rotted windows and exterior doors with historically appropriate units. Restore building 109 from a four family apartment complex to its original intended use as a duplex to include reopening of the stairwells and replacement of missing bulustrades, realignment of rear entryways, and converting upstairs kitchens to baths.

PROJECT: Whole house revitalization of five historic special category quarters. (Current Mission)

1.COMPONENT	FY 1997 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		February 1995

3.INSTALLATION AND LOCATION

United States Military Academy, New York

4.PROJECT TITLE	5.PROJECT NUMBER
Family Housing Improvements	27408

REQUIREMENT: This project is required to improve existing conditions of the quarters to conform to adequate standards of comfort, habitability, safety, prevent further deterioration and extend the life of the quarters.
CURRENT SITUATION: Existing bathroom plumbing fixtures and accessories are worn and deteriorated; electrical system is inadequate with no GFI receptacles and inadequate outlets and wall switches throughout. Quarters are not airconditioned. Fresh water plumbing system may have lead joints. Plaster walls and ceilings are cracking throughout. There is an excessive build-up of paint on all woodwork and trim, as a result some doors and windows will not properly open and close. Some wood floors have rotted spots. There are water and air leaks around windows. Quarters 374 does not have a bathroom on the second floor where bedrooms are located. Quarters 61 and 146 do not have a 1/2 bath on the first floor. Currently building 109 is divided into one two bedroom unit, a one bedroom unit and two four bedroom units, all of which are inadequate. In the one and two bedroom units there is a distinct lack of closets, the kitchen is small and cramped, and bedroom dimensions do not meet standards. Closet space and bulk storage is inadequate in the four bedroom units and bedrooms are located in the attic, they are small and the egress from the rooms does not meet the fire codes.
IMPACT IF NOT PROVIDED: If this project is not provided, quarters will continue to deteriorate with maintenance costs continuing to accelerate and health, safety and quality of life of the occupants will diminish.
ADDITIONAL: No physical security and/or CBT/T measures are required. This project complies with the scope and design criteria of the Army' Architectural and Engineering Instruction (AEI), Design criteria, dated 9 December 1991 and all subsequent revisions These housing units are located within a National Historic Landmark district.

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

1.COMPONENT	FY 1997 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		February 1995

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	44428	Auth 1,600 / Approp 1,600

9.COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITY				1,113
Revitalization FGO Qtrs	FA	14	79,483	(1,113)
SUPPORTING FACILITIES				255
Paving, Walks, Curbs And Gutters	LS	--	--	(206)
Site Imp(49) Demo( )	LS	--	--	(49)
ESTIMATED CONTRACT COST				1,368
CONTINGENCY PERCENT (10.0%)				137
SUBTOTAL				1,505
SUPERVISION, INSPECTION & OVERHEAD (6.00%)				90
TOTAL REQUEST				1,595
TOTAL REQUEST (ROUNDED)				1,600
INSTALLED EQUIPMENT-OTHER APPROPRIATIONS				(0)

10.Description of Proposed Construction

Revitalize 14 historic five bedroom field grade officer quarters constructed in 1935 in the Lee Housing Area. This is a continuation of an ongoing program for renewal of 128 family housing units in the Lee Area. The interior and exterior spaces require repairs and improvement in varying amounts. Scope of work includes renovating kitchens by providing additional counter space, cabinets, garbage disposal, exhaust range hood, dishwashers, and ground fault receptacles; bathroom renovation includes replacement of ceramic tile walls/floors, plumbing, lighting fixtures, bathroom accessories, and installing ground fault receptacles and exhaust fans. Reconfigure second floor master bath and basement bathroom. Enclose utility area, replace electric outlets for dryer and washer, install dryer vents, replace water and drain connections for washer, replace laundry sink and provide storage cabinets. Replace seven wood double hung windows and seven basement windows in each unit. Replace all entry doors and over head garage door. Remove and replace all unsound and defective plaster walls and ceilings, using methods to maintain historic features. Electrical upgrade to current standards including interior and exterior light fixtures and exterior ground fault receptacles. Provide air conditioning. Remove any asbestos insulation encountered and reinsulate. Remove or encapsulate lead based paint. Provide

1.COMPONENT	FY 1997 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		February 1995

3.INSTALLATION AND LOCATION

United States Military Academy, New York

4.PROJECT TITLE	5.PROJECT NUMBER
Family Housing Improvements	44428

DESCRIPTION OF PROPOSED CONSTRUCTION: (CONTINUED)
for Radon abatement. Repair slate roofing. Site work includes widening of existing driveways, walkways, front and rear porch repairs. Complete interior and exterior painting.

PROJECT: Revitalize 14 historic field grade officer family housing quarters. (Current Mission)
REQUIREMENT: This project is required to improve existing conditions of the quarters to conform to adequate standards of comfort, habitability, safety, and to extend the life expectancy of the quarters.
CURRENT SITUATION: The existing kitchens have insufficient work areas for use of current day household appliances. Existing bathrooms have adequate plumbing but fixtures are worn out, insufficient electrical outlets and baths without showers. The utility areas require improvement of lighting, dryer vents and utility connections. These units consist of 7 two story brick duplex buildings with slate roofs, five bedrooms, three baths, full basement, 1327 net square feet with attached garage. Previous major M&R work: partial window replacement 1978, kitchen repairs 1978, insulation 1982, furnace replacement 1987, fireplace repairs 1989. The fixtures and finishes installed when built over 50 years ago are failing and need to be restored or replaced. Building functional design or capacity will not be altered by this project. Historical features will be preserved.
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 security plan, and no physical security and/or combatting terrorism (CBT/T) measures are required. This project complies with the scope and design criteria of DOD 4270.1-M, "Construction Criteria," that were in effect 1 January 1987, as implemented by the Army's Architectural and Engineering Instruction (AEI), "Design Criteria," dated 9 December 1991, with the 8 July 1992 and all subsequent revisions included in the Design Criteria Information System (DCIS). These housing units are located within a National Historic Landmark District and portray a significant part of the history of the U.S. Military Academy. Exterior repairs are reviewed and approved through the New York State Historic Preservation Office.

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

1.COMPONENT	FY 1997 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		February 1995

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	44431	Auth 370 / Approp 370

9.COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITY				294
Revitalization FGO Quarters	FA	3	98,100	(294)
SUPPORTING FACILITIES				19
Paving, Walks, Curbs And Gutters	LS	--	--	(17)
Site Imp(2) Demo( )	LS	--	--	(2)
ESTIMATED CONTRACT COST				313
CONTINGENCY PERCENT (10.0%)				31
SUBTOTAL				344
SUPERVISION, INSPECTION & OVERHEAD (6.00%)				21
TOTAL REQUEST				365
TOTAL REQUEST (ROUNDED)				370
INSTALLED EQUIPMENT-OTHER APPROPRIATIONS				(0)

10.Description of Proposed Construction

Revitalize 3 historic three bedroom field grade officer (FGO) quarters constructed in 1937 in the Lee Housing Area. This is the final phase of an ongoing program for renewal of 128 family housing units in the Lee Area. Work includes installing central air conditioning and upgrading the heating system, renovating kitchens for additional counter space, new cabinets, garbage disposals, dishwashers, and GFI receptacles; renovating existing bathrooms, addition of 1/2 bath on first floor, upgrade utility area, removal of heating fuel oil tanks and converting to natural gas; upgrade plumbing and electrical systems, replace plaster walls with sheetrock and install vapor barrier, interior painting, automatic flue dampers in chimneys, additional attic insulation and replace all exterior doors and windows with energy efficient type. Exterior repairs include repointing brick and painting as needed, repairing entranceways, trash can enclosures, repairs to driveways, parking areas and sidewalks.

PROJECT: Revitalize 3 historic field grade officer family housing quarters. (Current Mission)

1.COMPONENT	FY 1997 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		February 1995

3.INSTALLATION AND LOCATION

United States Military Academy, New York

4.PROJECT TITLE	5.PROJECT NUMBER
Family Housing Improvements	44431

REQUIREMENT: This project is required to improve existing conditions of these historic quarters to conform to adequate standards of comfort, habitability, safety and to extend the life expectancy of the quarters in accordance with the National Historic Preservation Act of 1966.

CURRENT SITUATION: These quarters are not air conditioned, the heating system needs to be upgraded and kitchens have insufficient work areas for current day household appliances. Bathroom fixtures need replacement, additional electrical outlets are required and tubs do not have showers. There is no bathroom on the first floor of these two story units. The utility area requires improved lighting, venting and utility connections. These units are in one brick row type building. The end units have a full basement including a utility room and bath. The center unit only has a laundry area in the basement. The net square footage of these quarters is 1100 net square feet.

IMPACT IF NOT PROVIDED: If this project is not provided, 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. The responsibility of the Department of Defense to comply with the National Historic Preservation Act of 1966 will not be met. Energy conservation improvements will not be made, impairing attainment of Presidential energy reduction goals.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and no physical security and/or combatting terrorism (CBT/T) measures are required. The project complies with the scope and design criteria of the Army's Architectural and Engineering Instruction (AEI), "Design Criteria," dated 9 December 1991, with the 8 July 1992 and all subsequent revisions included in the Design Criteria Information System (DCIS). These housing units are located within a National Historic Landmark District and portray a significant part of the history of the U.S. Military Academy. Exterior repairs are reviewed and approved through the New York State Historic Preservation Office.

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

1.COMPONENT	FY 1997 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		February 1995

3.INSTALLATION AND LOCATION	4.PROJECT TITLE
Fort Bragg, North Carolina	Family Housing Improvements

5.PROGRAM ELEMENT	6.CATEGORY CODE	7.PROJECT NUMBER	8.PROJECT COST ($000)
88742A	711	15062	Auth 10,000 Approp 10,000

9.COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITY				7,790
Revitalize 2 BR Quarters	FA	89	80,385	(7,154)
Revitalize 2 BR Quarters	FA	7	85,649	(600)
Building Information Systems	LS	--	--	(36)
SUPPORTING FACILITIES				863
Electric Service	LS	--	--	(134)
Water, Sewer, Gas	LS	--	--	(278)
Paving, Walks, Curbs And Gutters	LS	--	--	(124)
Storm Drainage	LS	--	--	(29)
Site Imp(250) Demo(48)	LS	--	--	(298)
ESTIMATED CONTRACT COST				8,653
CONTINGENCY PERCENT (10.0%)				865
SUBTOTAL				9,518
SUPERVISION, INSPECTION & OVERHEAD (6.00%)				571
TOTAL REQUEST				10,089
TOTAL REQUEST (ROUNDED)				10,000
INSTALLED EQUIPMENT-OTHER APPROPRIATIONS				(0)

10.Description of Proposed Construction

Whole neighborhood revitalization of 96 historic junior enlisted two and three bedroom family quarters constructed in 1932. Work includes converting 89 three bedroom units to two bedroom units; expansion of seven undersized two bedroom units; interior modification to improve floor plan; redesigning and upgrading kitchens; remodelling bathrooms; replacing floor covering; installing insulation to improve energy efficiency; upgrading electrical system including fixtures to current standards; installing new doors and hardware, restoration of existing windows, shutters and venetian blinds; and installing interior telephone wiring and jacks in the kitchen and master bedroom of each dwelling unit. Project includes modernizing front porches; replacing flashing and gable vents, constructing carports; replacing plumbing, repairing roofing; painting interior; replacing gutter and downspouts; and restoring stucco surfaces. Asbestos abatement and lead based paint removal is required. Support facilities include a community center, patios, driveways, landscaping, and additional sidewalks. Repair existing sidewalks and street pavements. Repair or replace underground utilities (water, sewer), and replace overhead electrical distribution system with an underground system. Project includes provisions for connection to the local cable television system. The existing gang style garages with 6 units each (36

1.COMPONENT	FY 1997 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		February 1995

3.INSTALLATION AND LOCATION	
Fort Bragg, North Carolina	
4.PROJECT TITLE	5.PROJECT NUMBER
Family Housing Improvements	15062

DESCRIPTION OF PROPOSED CONSTRUCTION: (CONTINUED)
garage units at 7,752 SF) will be demolished.

PROJECT: Whole neighborhood revitalization of 96 historic junior enlisted family housing dwelling units and demolition of 6 gang style garages. (Current Mission).

REQUIREMENT: This project is required to improve the existing conditions of these historic family quarters, neighborhood amenities and support facilities to meet current standards of size, habitability, safety, energy conservation, and to extend the life expectancy of the units in consonance with the National Historic Preservation Act of 1966.

CURRENT SITUATION: With the exception of installing new heat pumps in 1984 and kitchen renovation in 1970, these quarters have had no major improvements since original construction in 1932. These units are structurally sound, but the interiors are worn and in need of remodelling. The neighborhood is located in a historic district and has a tract appearance. These quarters consist of 89 three bedroom units at 930 NSF and 7 two bedroom units at 730 NSF. There is an insufficient number of bath and shower facilities, and existing fixtures are deteriorated. The flooring is stained and worn through. Interior doors and frames and plaster walls and ceilings are cracked, broken, and beyond mere repair. Electrical system is deteriorated and does not meet current code requirements. The overhead distribution system is unsightly with worn insulation. Exterior lighting is dimly lit and casts shadows. These quarters have inadequate insulation and are not energy efficient. Exterior wood trim, tail rafters, gables, gable vents, and existing porches have deteriorated and are maintenance intensive. Valley flashing has deteriorated and is leaking; veneer is soiled and does not resist moisture penetration. Sidewalks have been uplifted by tree roots. Both the existing concrete roadway and sidewalks contain cracks and joints that are displaced. Temporary gravel parking is provided in the rear of the housing area. These units contain lead based paint and asbestos has been identified in the kitchen tiles, pipe insulation, and boiler room wall board. 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. This adversely affects the health, safety and quality of life of these enlisted personnel and their family members. The responsibility of the Department of Defense to comply with the National Historic Preservation Act of 1966 will not be met. Maintenance and energy costs will continue to accelerate, precluding attainment of the President's directive on energy reduction.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and no physical security and/or combatting terrorism (CBT/T) measures are required. This project complies with the scope and design criteria of DOD 4270.1-M, "Construction Criteria," that were in effect 1

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

1.COMPONENT	FY 1997 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
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3.INSTALLATION AND LOCATION	
Fort Bragg, North Carolina	
4.PROJECT TITLE	5.PROJECT NUMBER
Family Housing Improvements	15062

ADDITIONAL: (CONTINUED)

January 1987, as implemented by the Army's Architectural and Engineering Instruction (AEI), "Design Criteria," dated 9 December 1991, with the 8 July 1992 and all subsequent revisions included in the Design Criteria Information System (DCIS). These units are being nominated as a historic district, and portray a significant part of the history of Fort Bragg. Exterior repairs are reviewed and approved through the North Carolina State Historic Preservation Office.

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1. COMPONENT	FY 1997 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
ARMY		February 1995

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
Fort Monroe, Virginia	Family Housing Improvements

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
88742A	711	25519	Auth 14,200 Approp 14,200

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITY				9,611
Type 8 Quarters - GO Quarters	FA	1	163,075	(163)
Type 18 Quarters - GOQ	FA	2	126,611	(253)
Type 25 Quarters - GOQ	FA	2	42,000	(84)
Type 1 - GOQ	FA	1	134,318	(134)
Type 2 Quarters - Duplex Field G	FA	2	59,761	(120)
Total from Continuation page				(8,857)
SUPPORTING FACILITIES				2,622
Water, Sewer, Gas	LS	--	--	(402)
Paving, Walks, Curbs And Gutters	LS	--	--	(1,468)
Storm Drainage	LS	--	--	(301)
Site Imp(416) Demo( )	LS	--	--	(416)
Information Systems	LS	--	--	(35)
ESTIMATED CONTRACT COST				12,233
CONTINGENCY PERCENT (10.0%)				1,223
SUBTOTAL				13,456
SUPERVISION, INSPECTION & OVERHEAD (6.00%)				807
TOTAL REQUEST				14,263
TOTAL REQUEST (ROUNDED)				14,200
INSTALLED EQUIPMENT-OTHER APPROPRIATIONS				(0)

10. Description of Proposed Construction

Whole neighborhood revitalization of 119 historical family quarters consisting of 6 general officer, 9 colonel, 37 company/field grade officer, and 67 Senior and Junior noncommissioned officer family housing dwellings. Work will repair, modernize and upgrade facility interiors, exteriors, and yard. Work will include attic ventilation, ceiling fans and repairs to interior and exterior finishes. Work will include, but is not limited to, underground utility lines, plumbing systems (interior/exterior), exposed conduit, kitchen and baths renovation, unit insulation, laundry facilities, sealing fireplaces, extending firewalls, and window restoration/repair. Repairs are required to foundations, exterior hatch doors, porches and structure, pavement areas, and privacy fencing. Site drainage and grading will be required in some areas. Housing utility systems will be metered, upgrade to natural gas service, garages/carport and exterior lighting improvements. Improvements are required to the storm drainage system, parking area, jogging trail and tot lots. The functional layout of some units will be altered to provide additional baths or improve floor plan. Neighborhood improvements are required to enhance aesthetics and overall appearance. Architectural, structural, electrical, mechanical, and utility repairs and improvements will be provided. Lead paint abatement and removal of

1.COMPONENT	FY 1997 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		February 1995

3.INSTALLATION AND LOCATION

Fort Monroe, Virginia

4.PROJECT TITLE	5.PROJECT NUMBER
Family Housing Improvements	25519

9. COST ESTIMATES (CONTINUED)

Item	U/M	QTY	Unit COST	Cost ($000)
PRIMARY FACILITY (CONTINUED)				
Type 14 Quarters - Duplex Field	FA	2	33,701	(67)
Type 20 Quarters - Duplex Col	FA	14	154,972	(2,170)
Type 5 Quarters - Duplex Jr NCO	FA	36	52,670	(1,896)
Type 3-Duplex Company Grd	FA	8	59,761	(478)
Type 13 - Duplex COL	FA	2	37,477	(75)
Type 26 - Duplex JrNCO	FA	2	13,168	(26)
Type 30 - Duplex Col	FA	4	107,629	(431)
Type 11 - Triplex Fld Grade	FA	3	105,587	(317)
Type 23 - Quad Field Grade	FA	8	22,284	(178)
Type 32 - Single Fam JrNCO	FA	1	14,226	(14)
Type 16 - Single Fam Col	FA	1	32,412	(32)
Type 24 - Single Fam COL	FA	1	27,348	(27)
Type 28 - Single Fam SrNCO	FA	1	26,335	(26)
Type 3 - Duplex SrNCO	FA	12	59,761	(717)
Type 6 - Duplex Colonel	FA	2	128,616	(257)
Type 7 - Sngl Fam JrNCO	FA	4	78,815	(315)
Senior NCO Duplex	FA	6	21,000	(126)
Junior NCO Duplex	FA	4	19,500	(78)
Remove asbestos Siding	FA	8	47,275	(378)
Lead based paint encapsulation	FA	119	8,286	(986)
Building Information Systems	LS	--	--	(263)
			Total	8,857

DESCRIPTION OF PROPOSED CONSTRUCTION: (CONTINUED)
asbestos siding will be included. Provision of central heating, ventilation, and air conditioning (HVAC) systems where lacking.

PROJECT: Whole neighborhood revitalization of 119 historic General Officer, colonel, field and company grade officer, and senior and junior noncommissioned officer family housing quarters. (Current Mission)
REQUIREMENT: This project is required to improve existing conditions of these historic quarters to conform to adequate standards of comfort, habitability, safety, and to extend the life expectancy of the quarters in consonance with the National Historic Preservation Act of 1966.
CURRENT SITUATION: Kitchens, laundry and bathrooms do not meet current living standards. Kitchen counter tops and cabinet fronts are worn and dilapidated. Counter, shelving and cabinet space is severely lacking and cannot accommodate modern appliances nor allow for sufficient work space. Built-in appliances have reached their life expectancy. Interior spaces are awkwardly laid out in some quarters, making them difficult to work and live

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

1. COMPONENT	FY 1997 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
ARMY		February 1995

3. INSTALLATION AND LOCATION

Fort Monroe, Virginia

4. PROJECT TITLE	5. PROJECT NUMBER
Family Housing Improvements	25519

CURRENT SITUATION: (CONTINUED)

in. Electrical fixtures, outlets and wiring do not meet current standards. Existing dryer vents run through lower window sashes making for a shabby appearance and eliminating the ability to open the window. Kitchen and bathroom fixtures are aged and worn due to normal wear and tear. Plumbing is worn out and leaks, causing water damage to ceiling and floors. These facilities date to the turn of the century. Closet space in these units is inadequate. Basement doors are warped and deteriorated, allowing water to enter the basement. Exterior and interior door hardware is worn out and requires replacement. Door and window frames require restoration due to their age and normal wear and tear, and windows are not properly insulated with many inoperable. Interior finishes to include walls, floors and ceilings require repairs and refinishing. Door and window frames, walls and ceilings are covered with paint build-up which is unsightly and hard to keep clean due to cracking and peeling of old paint. Some paint layers are lead based, posing a health threat when exposed. Oil fired heating burners are failing and central air does not exist in these quarters. Some units do not have adequate exterior storage facilities and most do not have patios. The present metal roofing system is corroded and pitted. Flashing at critical joints does not exist on some units. Replacement with asphalt shingles where historically feasible is required. Site drainage is a problem during and after heavy rainfall. Ponding occurs in and around sidewalks, dwelling units and basements, and in some cases requires grading in order to alleviate the problem. Some wood floors cannot be further sanded and require carpeting. Fireplaces cause energy inefficiency and can cause a safety hazard from clogged flues and should be closed off. Cable TV wires are strung along walls rather than having been furred in. Firewalls in multiunits need to be extended to conform to fire codes. Attic insulation is not of standard R-value causing energy inefficiency. Foundations of wood frame houses are in poor condition and require jacks to prevent failure of the structure. Brickwork needs repointing due to deteriorated mortar. Deteriorating asbestos siding is present and exterior needs restoring. Steel siding is deteriorating and needs to be removed and exterior restored. Porch structures are in poor or failing condition and need repair or replacement. General exterior apprearance needs upgrading within limits imposed by historic considerations. Exterior conduits are unsightly. Broken pavement at driveways or patios needs repair or replacement. Low maintenance landscaping and privacy fencing is lacking at most quarters. Neighborhood amenities such as curb and gutters, sidewalks, fencing, underground cable TV connections, security/night lighting, general landscaping, garages or carports, basketball pads, and tot lots are lacking or need expansion or upgrading. Jogging trail needs workout stations at various locations along the path. Storm drainage, natural gas, parking areas and roads, and utility metering at quarters need to be installed or improved. Safety fencing, schoolbus shelter, and playgound is lacking from the type 7 (Big Bethel) neighborhood. Gutter and downspouts require repair or

1.COMPONENT	FY 1997 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
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3.INSTALLATION AND LOCATION	
Fort Monroe, Virginia	
4.PROJECT TITLE	5.PROJECT NUMBER
Family Housing Improvements	25519

CURRENT SITUATION: (CONTINUED)
replacement. Water lines from mains to the houses need to be replaced.
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. The responsibility of the Department of Defense to comply with the National Historic Preservation Act of 1966 will not be met.
ADDITIONAL: This project has been coordinated with the installation physical security plan and no security improvements are required. This project complies with the scope and design criteria of DOD 4270.1-M, "Construction Criteria," that were in effect 1 January 1987, as implemented by the Army's Architectural and Engineering Instruction (AEI), "Construction Criteria," dated 9 December 1991, with the 8 July 1992 and all subsequent revisions included in the Design Criteria Information System (DCIS). Coordination with the State Historic Preservation Officer has been ongoing with all current issues being satisfactorily dealt with, and incorporates recommendations of the Mariani and Associates study of historic quarters and a separate Architect/Engineer study. As these quarters are part of the Fort Monroe National Historic Landmark, no viable alternative exists other than revitalization.

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

ARMY FAMILY HOUSING
FY 1997 BUDGET ESTIMATES
RENTAL GUARANTEE PROGRAM

PURPOSE AND SCOPE

The CONUS Rental Guarantee program, formerly known as the Section 802 program, is authorized in Section 2836 of PL 102-190, 5 December 1991. It permits the Army to guarantee 97 percent occupancy of housing units constructed at CONUS locations.

PROGRAM SUMMARY

A 276-unit project at Kaneohe MCAS, Hawaii, is fully occupied. Five hundred additional units are authorized, and continued authorization in FY 97 is requested.

February 1995

ARMY FAMILY HOUSING
FY 97 SECTION 2836 (802) FAMILY HOUSING SUMMARY

LOCATION	NO. UNITS AUTHORIZED	FY OF INITIAL AUTHORIZATION	DATE OF AWARD	DATE OF FULL OCCUPANCY	FY 95 UNITS	FY 96 UNITS	FY 97 UNITS
Kaneohe MCAS, Hawaii	276	1987	Jun 91	Nov 92	276	276	276
Oahu, Hawaii	500	1991	NA	NA			
TOTAL 2836	776	NA	NA	NA	276	276	276

Exhibit FH-5

ARMY FAMILY HOUSING
FY 1997 BUDGET ESTIMATES
ADVANCE PLANNING AND DESIGN

	($ In Thousands)
FY 1997 Program	5,343
FY 1996 Program	2,000

PURPOSE AND SCOPE

This program provides for working drawings, specifications, cost estimates, project planning reports, final design drawings of family housing construction projects, and review of construction proposals. Included are architectural and engineering services in connection with any new family housing or post acquisition construction, along with costs incurred in developing requests for proposals. Additionally, these funds will be used to plan and design future year projects for new construction, improvements, and energy conservation.

PROGRAM SUMMARY

Appropriation and authorization are required for $5,343,000 in FY 97 to fund this construction planning and design.

The FY 97 funds provide for final design of FY 97 and FY 98 projects, and for concept designs of FY 99 and FY 00 programs to ensure that construction contracts can be awarded in the respective fiscal years.

The FY 97 planning and design program supports emphasis on the whole neighborhood revitalization program. Revitalization projects require a greater degree of customized planning and design than do new construction projects, such as integrating modernization and upgrade requirements, including supporting utilities and infrastructure, into existing structures of differing conditions.

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ARMY FAMILY HOUSING
FY 1997 BUDGET ESTIMATES
OPERATION, UTILITIES AND MAINTENANCE

	($ In Thousands)
FY 1997 Program	977,909
FY 1996 Program	1,093,745

PURPOSE AND SCOPE

a. Operation Accounts. This portion of the program provides for operating expenses in the following subaccounts and includes both direct and indirect support, as applicable:

Management - Provides resources for family housing management and installation administrative support and for services provided by the Community Homefinding, Relocation, and Referral Services. Includes housing requirements surveys, condition assessment of existing housing, and development of family housing construction and repair projects. Also includes the installation and operation of the Housing Operations Management Systems (HOMES) to improve housing management.

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 police and fire protection.

Furnishings - Provides for procurement, management, control, moving and handling of furnishings; plus maintenance, repair, and replacement of the existing furnishings inventory.

Miscellaneous - Provides payments to operate non-Department of Defense housing units occupied by Army personnel overseas.

b. Utilities Account - Includes the costs of heat, air conditioning, electricity, water, and sewage for family housing units. Also includes the costs to operate boiler plants and sewage systems used solely by family housing.

c. Maintenance Account - Provides the following activities required to maintain family housing real property assets:

o **Dwellings** - Includes service calls and routine maintenance, annual repairs, interior and exterior painting, between occupancy maintenance, repairing/restoring damages caused by fires or storms, and major repair work including projects deferred in prior years.

o **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.

o **Other Real Property** - Includes work on grounds, surfaced areas, and other real property serving family housing.

o **Incidental Improvements** - Includes low-cost minor (incidental) improvements for less than $3,000 per dwelling unit normally performed concurrently with maintenance and repair projects. Also includes modifications to quarters to meet the needs of exceptional family members.

d. **Reimbursement Authority** - Provides authority to incur additional costs for services and repair of damages to be reimbursed with collection of payments from Federal and non-Federal sources.

ARMY FAMILY HOUSING
OPERATION AND MAINTENANCE, SUMMARY (WORLDWIDE)
(Excludes Leased Units and Costs)
FISCAL YEAR 1997 BUDGET ESTIMATES

A. INVENTORY DATA (WORLDWIDE)	FY 95 CURRENT ESTIMATES	FY 96 BUDGET REQUEST	FY 97 BUDGET REQUEST
Units in Being BOY	132,445	125,800	122,373
Units in Being EOY	125,800	122,373	121,365
a. Conterminous U.S.	84,056	82,301	81,345
b. U.S. Overseas	12,642	12,742	12,690
c. Foreign	29,102	27,330	27,330
d. Worldwide	125,800	122,373	121,365

B. FUNDING REQUIREMENT	TOTAL EST ($000)	UNIT COST ($)	TOTAL EST ($000)	UNIT COST ($)	TOTAL EST ($000)	UNIT COST ($)
1. OPERATIONS						
a. Management	83,241	638	84,726	649	86,401	662
b. Services	52,808	405	53,243	408	54,246	416
c. Furnishings	51,270	393	48,822	374	49,985	383
d. Miscellaneous	1,200	9	1,286	10	1,273	10
SUBTOTAL OPERATIONS	188,517	1,445	188,077	1,442	191,905	1,471
2. UTILITIES	266,077	2,040	271,376	2,080	274,890	2,107
3. MAINTENANCE						
a. Annual Recurring Maint & Repair	272,391	2,088	532,171	4,079	426,825	3,287
b. Major Maint & Repair Projects	12,337	95	24,103	185	19,422	149
c. Exterior Utilities	13,311	102	26,006	199	20,956	161
d. Maint & Repair of Other Real Property	19,804	152	38,692	297	31,178	239
e. Alterations/Additions	6,818	52	13,320	102	10,733	82
SUBTOTAL MAINTENANCE	324,662	2,489	634,292	4,862	511,114	3,918
4. FOREIGN CURRENCY LOSSES/ SAVINGS	TBD		TBD		TBD	
5. APPROPRIATION	779,256	5,974	1,093,745	8,384	977,909	7,496
6. REIMBURSABLE PROGRAM	21,000	161	24,000	184	28,000	215
7. TOTAL O&M PROGRAM	800,256	6,135	1,117,745	8,568	1,005,909	7,711

ARMY FAMILY HOUSING
OPERATION AND MAINTENANCE, SUMMARY (CONUS)
(Excludes Leased Units and Costs)
FISCAL YEAR 1997 BUDGET ESTIMATES

A. INVENTORY DATA (CONUS)	FY 95 CURRENT ESTIMATES	FY 96 BUDGET REQUEST	FY 97 BUDGET REQUEST
Units in Being BOY	85,123	84,056	82,301
Units in Being EOY	84,056	82,301	81,345

B. FUNDING REQUIREMENT	TOTAL EST ($000)	UNIT COST ($)	TOTAL EST ($000)	UNIT COST ($)	TOTAL EST ($000)	UNIT COST ($)
1. OPERATIONS						
a. Management	49,889	588	50,994	601	51,951	613
b. Services	28,865	340	28,763	339	29,157	344
c. Furnishings	10,724	126	10,992	130	11,128	131
d. Miscellaneous	89	1	97	1	105	1
SUBTOTAL OPERATIONS	89,567	1,056	90,846	1,071	92,341	1,089
2. UTILITIES	119,385	1,408	118,968	1,403	119,230	1,406
3. MAINTENANCE						
a. Annual Recurring Maint & Repair	184,588	2,177	319,510	3,768	260,195	3,068
b. Major Maint & Repair Projects	8,360	99	14,471	171	11,785	139
c. Exterior Utilities	9,020	106	15,614	184	12,715	150
d. Maint & Repair of Other Real Property	13,421	158	23,230	274	18,918	223
e. Alterations/Additions	4,620	54	7,997	94	6,513	77
SUBTOTAL MAINTENANCE	220,009	2,594	380,823	4,491	310,125	3,657
4. FOREIGN CURRENCY LOSSES/ SAVINGS	TBD		TBD		TBD	
5. APPROPRIATION	428,961	5,058	590,637	6,965	521,696	6,152
6. REIMBURSABLE PROGRAM	14,000	165	14,000	165	14,000	165
7. TOTAL O&M PROGRAM	442,961	5,223	604,637	7,130	535,696	6,317

ARMY FAMILY HOUSING
OPERATION AND MAINTENANCE, SUMMARY (US OVERSEAS)
(Excludes Leased Units and Costs)
FISCAL YEAR 1997 BUDGET ESTIMATES

A. INVENTORY DATA (US OVERSEAS)	FY 95 CURRENT ESTIMATES		FY 96 BUDGET REQUEST		FY 97 BUDGET REQUEST	
Units in Being BOY	12,450		12,642		12,742	
Units in Being EOY	12,642		12,742		12,690	
B. FUNDING REQUIREMENT	**TOTAL EST ($000)**	**UNIT COST ($)**	**TOTAL EST ($000)**	**UNIT COST ($)**	**TOTAL EST ($000)**	**UNIT COST ($)**
1. OPERATIONS						
a. Management	9,760	760	10,316	825	10,654	852
b. Services	8,379	670	8,873	709	9,543	763
c. Furnishings	5,648	452	5,917	473	5,892	471
d. Miscellaneous	171	14	171	14	171	14
SUBTOTAL OPERATIONS	23,958	1,915	25,277	2,021	26,260	2,100
2. UTILITIES	35,047	2,802	41,399	3,310	42,949	3,434
3. MAINTENANCE						
a. Annual Recurring Maint & Repair	27,876	2,229	70,725	5,655	53,987	4,316
b. Major Maint & Repair Projects	1,263	101	3,203	256	2,445	195
c. Exterior Utilities	1,362	109	3,456	276	2,638	211
d. Maint & Repair of Other Real Property	2,027	162	5,142	411	3,925	314
e. Alterations/Additions	696	56	1,770	142	1,351	106
SUBTOTAL MAINTENANCE	33,225	2,656	84,297	6,740	64,347	5,145
4. APPROPRIATION	92,230	7,374	150,973	12,071	133,556	10,678
5. REIMBURSABLE PROGRAM	1,000	80	2,000	160	2,000	160
6. TOTAL O&M PROGRAM	93,230	7,454	152,973	12,230	135,556	10,838

ARMY FAMILY HOUSING
OPERATION AND MAINTENANCE, SUMMARY (FOREIGN)
(Excludes Leased Units and Costs)
FISCAL YEAR 1997 BUDGET ESTIMATES

A. INVENTORY DATA (FOREIGN)	FY 95 CURRENT ESTIMATES	FY 96 BUDGET REQUEST	FY 97 BUDGET REQUEST
Units in Being BOY	34,872	29,102	27,330
Units in Being EOY	29,102	27,330	27,330

B. FUNDING REQUIREMENT	TOTAL EST ($000)	UNIT COST ($)	TOTAL EST ($000)	UNIT COST ($)	TOTAL EST ($000)	UNIT COST ($)
1. OPERATIONS						
a. Management	23,592	712	23,416	707	23,798	718
b. Services	15,562	470	15,607	471	15,546	469
c. Furnishings	34,898	1,053	31,913	963	32,965	995
d. Miscellaneous	940	28	1,018	31	997	30
SUBTOTAL OPERATIONS	74,992	2,263	71,954	2,171	73,304	2,212
2. UTILITIES	111,645	3,369	111,009	3,350	112,711	3,401
3. MAINTENANCE						
a. Annual Recurring Maint & Repair	59,928	1,808	141,935	4,283	114,643	3,459
b. Major Maint & Repair Projects	2,714	82	6,429	194	5,192	157
c. Exterior Utilities	2,929	88	6,936	209	5,602	169
d. Maint & Repair of Other Real Property	4,357	131	10,319	311	8,335	252
e. Alterations/Additions	1,500	45	3,553	107	2,869	87
SUBTOTAL MAINTENANCE	71,428	2,155	169,172	5,105	136,642	4,123
4. APPROPRIATION	258,065	7,787	352,135	10,625	322,657	9,736
5. REIMBURSABLE PROGRAM	6,000	181	8,000	241	12,000	362
6. TOTAL O&M PROGRAM	264,065	7,968	360,135	10,867	334,657	10,098

DoD Component: Army
Appropriation: AFH

February 1995

REAL PROPERTY MAINTENANCE ACTIVITIES
FY 1997 BUDGET STATEMENT
OPERATION & MAINTENANCE COSTS
Real Property Maintenance and Minor Construction Projects*
(HISTORIC HOUSING COSTS)

HISTORIC HOUSING COST	DU'S	($000) FY (97)
A. Non GFOQ Dwelling Units (DU's)		
- Line-item Improvements:	126	14,400
- Maintenance and Repair:	4	544
B. GFOQ Dwelling Units (DU's)		
- Line-item Improvements	0	0
- Maintenance and Repair	142	3,440
C. Grand Total:	272	18,384

* Quarters designated as historically significant requiring major work performed to meet requirement stipulated by the National Historical Preservation Act of 1966 as amended. Major maintenance, repair, and improvement projects are included in the budget submission. Does not include minor recurring routine maintenance and repair, except in GFOQ's.

Exhibit FH-6

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ARMY FAMILY HOUSING
FY 1996 BUDGET ESTIMATES
OPERATION, UTILITIES AND MAINTENANCE
PROGRAM SUMMARY HIGHLIGHTS

Authorization and appropriation are requested for $977,909,000 for FY 1997. This amount, together with estimated reimbursements of $28,000,000, will fund the Operations and Maintenance program of $1,005,909,000. A summary follows ($ in thousands):

Operations Request	Utilities Request	Maintenance Request	Total Direct	Reimburse-ment	Total Program
$191,905	$274,890	$511,114	$977,909	$28,000	$1,005,909

The FY 97 operations, utilities, and maintenance programs include the following major initiatives:

o The continued installation, operation, maintenance, and improvement of the Housing Operations Management System (HOMES), an Army-wide computer system designed to assist in all phases of housing management. Ongoing initiatives include making HOMES more user friendly, establishing methods for system improvements and changes, and improving management output reports.

o The continued effort to identify adequate housing in communities which is affordable for the soldier. Where shortages exist, housing surveys are reviewed and project proposals are developed to request new construction or leasing of additional housing for military families.

o Support of the 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.

o Continuation of the Quarters Cleaning Initiative (QCI) which helps limit expensive overseas temporary housing allowances (TLA) to three days in lieu of the 10-day maximum. As a result, QCI program costs are more than offset by known large savings in TLA accounts. The program also shortens the period between occupancy, which creates savings in other housing allowance accounts.

o Continuation of the program to revitalize the family housing inventory. Emphasis is placed on accomplishment of all work required to upgrade units to current construction standards and concurrently perform required maintenance and repairs. Result is extended life of the quarters, reduced future maintenance and utility costs, and increased occupancy in the out-years.

ARMY FAMILY HOUSING
FY 1997 BUDGET ESTIMATES
OPERATIONS ACCOUNT

	($ In Thousands)
FY 1997 Program	191,905
FY 1996 Program	188,077

The operations account represents the day-to-day cost of providing services to family housing. The FY 1997 program was developed using prescribed inflation, civilian pay raise, and foreign currency formulation rates. To the extent known, adjustments have been made for base closures and overseas force structure draw downs. Each operations subaccount is described in the following analysis:

MANAGEMENT SUBACCOUNT

FY 96	FY 97
$84,726,000	$86,401,000

The FY 97 request for the management subaccount is based on prior years level of effort required for housing staffs, referral services, housing surveys, environmental studies, and project planning.

RECONCILIATION OF INCREASES AND DECREASES

		($M)
FY 95 CURRENT ESTIMATE		**$83.2**
Pricing		+4.0
Inflation	(+1.1)	
Civilian Pay Raise	(+1.3)	
Foreign Currency (1.72DM/$ to 1.57DM/$)	(+1.6)	
Program Decreases		-2.5
Inventory Reduction	(-2.5)	
FY 96 BUDGET REQUEST		**$84.7**
Pricing		+3.1
Inflation	(+1.3)	
Civilian Pay Raise	(+1.8)	
Program Decreases		-1.4
Inventory Reduction	(-1.4)	
FY 97 BUDGET REQUEST		**$86.4**

Rationale for Changes in the Management Account

Program decreases reflect European drawdown and reduced inventory due to base realignment and closures (BRAC) proposals. Pricing adjustments include the OSD prescribed foreign currency, inflation and civilian pay raise rates.

SERVICES SUBACCOUNT

FY 96	FY 97
$53,243,000	$54,246,000

The FY 97 request is based on the required level of support for refuse collection, street cleaning, fire protection, pest control, and custodial services. The requirements and adjustments are outlined below.

RECONCILIATION OF INCREASES AND DECREASES

		($M)
FY 95 CURRENT ESTIMATE		**$52.8**
Pricing		+2.7
Inflation	(+1.5)	
Foreign Currency (1.72DM/$ to 1.57DM/$)	(+1.2)	
Program Decreases		-2.3
Inventory Reduction	(-2.3)	
FY 96 BUDGET REQUEST		**$53.2**
Pricing		+1.6
Inflation	(+1.6)	
Program Decreases		-1.4
Inventory Reduction	(-1.4)	
Program Increases		+0.8
Program Adjustments	(+0.8)	
FY 97 BUDGET REQUEST		**$54.2**

Rationale for changes in the Services Subaccount

Pricing adjustments were based on the OSD prescribed inflation and foreign currency rates. Program decreases reflect inventory adjustments, including reductions in Europe and base realignments and closures (BRAC). Program increases reflect internal program actions.

FURNISHINGS SUBACCOUNT

FY 96	FY 97
$48,822,000	$49,985,000

The furnishings subaccount is used primarily for the procurement, (initial issue and replacement), management, control, moving and handling, maintenance and repair of appliances (i.e., refrigerators, ranges, and, where authorized at OCONUS locations, washers and dryers) for all family quarters throughout the Army. In addition, furniture items such as beds, tables, dressers, etc., are authorized for OCONUS locations.

RECONCILIATION OF INCREASES AND DECREASES

		($M)
FY 95 CURRENT ESTIMATE		**$51.3**
Pricing		+3.1
Inflation	(+1.0)	
Civilian Pay Raise	(+0.4)	
Foreign Currency (1.72DM/$ to 1.57DM/$)	(+1.7)	
Program Decreases		-5.6
Inventory Reduction	(-3.4)	
Program Adjustments	(-2.2)	
FY 96 BUDGET REQUEST		**$48.8**
Pricing		+1.5
Inflation	(+1.0)	
Civilian Pay Raise	(+0.5)	
Program Decreases		-0.9
Inventory Reduction	(-0.9)	
Program Increases		+0.6
Program Adjustments	(+0.6)	
FY 97 BUDGET REQUEST		**$50.0**

Rationale for Changes in the Furnishings Account

Current estimates support agreed upon increases in USAREUR housing requirements. Furnishings (furniture and appliances) support is provided to government owned family quarters, as well as military and Department of Army civilians residing on the economy in USAREUR. Inflation, foreign currency and civilian pay raise adjustments are at the prescribed OSD rates. Program decreases reflect inventory reductions and program increases reflect internal adjustments.

MISCELLANEOUS SUBACCOUNT

FY 96	FY 97
$1,286,000	$1,273,000

The FY 97 request includes resources to cover permit payments for housing units and/or trailer spaces occupied by U.S. soldiers in foreign locations, provided by state, municipal, or foreign governments. Also includes resources to pay for fire insurance to the Federal Republic of Germany, required by NATO SOFA.

RECONCILIATION OF INCREASES AND DECREASES

		($M)
FY 95 CURRENT ESTIMATE		**$1.2**
Pricing		+0.2
Inflation	(+0.1)	
Foreign Currency (1.72DM/$ to 1.57DM/$)	(+0.1)	
Program Decreases		-0.1
Program Adjustments	(-0.1)	
FY 96 BUDGET REQUEST		**$1.3**
Pricing		+0.1
Inflation	(+0.1)	
Program Decreases		-0.1
Program Adjustments	(-0.1)	
FY 97 BUDGET REQUEST		**$1.3**

Rationale for Changes in the Miscellaneous Account

Program and pricing increases reflect internal adjustments and the OSD prescribed inflation rates.

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ARMY FAMILY HOUSING
FY 1997 BUDGET ESTIMATES
UTILITIES ACCOUNT

($ In Thousands)	
FY 1997 Program	**274,890**
FY 1996 Program	**271,376**

This program provides for all utilities for Army Family Housing, which 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.

RECONCILIATION OF INCREASES AND DECREASES

		($M)
FY 95 CURRENT ESTIMATE		**$266.1**
Program Increases		+25.7
Non-Fuel Inflation	(+ 7.5)	
Fuel Price Adjustment	(+ 2.1)	
Foreign Currency (1.72DM/$ to 1.57DM/$)	(+ 7.9)	
Program Adjustments	(+ 8.2)	
Program Decreases		-20.4
Inventory Reduction	(-16.5)	
Energy Consumption Reduction Goal	(- 3.9)	
FY 96 BUDGET REQUEST		**$271.4**
Program Increases		+13.5
Non-Fuel Inflation	(+ 7.7)	
Fuel Price Adjustment	(+ 2.1)	
Program Adjustments	(+ 3.7)	
Program Decreases		-10.0
Inventory Reduction	(- 6.2)	
Energy Consumption Reduction Goal	(- 3.8)	
FY 97 BUDGET REQUEST		**$274.9**

Rationale for changes in the Utilities Account

The energy consumption reduction goal of 1.5 percent has been considered in the program. It is anticipated that the established energy reduction goals between FY 85 and FY 95 will be met (30% reduction FY 85-05). Savings realized as a result of the 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 adjustments are based on BRAC, reductions in Europe and Panama. The inventory reductions are leveling out which means less reduction in the utility requirement.

Program adjustments are due to a larger decrease in inventory than planned.

ARMY FAMILY HOUSING
FY 1997 BUDGET ESTIMATES
MAINTENANCE ACCOUNT

($ In Thousands)	
FY 1997 Program	**511,114**
FY 1996 Program	**634,292**

The family housing assets maintained by the Army are valued at over $18 billion in replacement costs. To ensure that these facilities can be occupied continuously requires sound property management for preservation and protection of this major investment. The past decline of the dollar value overseas and current budget reductions have had an adverse impact on the Army's program to contain the growth of deferred maintenance.

RECONCILIATION OF INCREASES AND DECREASES

	($M)
FY 95 CURRENT ESTIMATE	**$324.7**
Unfunded FY 95 Requirements	217.7
DMAR Containment (Inflation & Deterioration)	+43.7
Annual Maintenance Requirement	+500.4
Total FY 96 Requirement	**$544.1**
FY 96 BUDGET REQUEST	**$634.3**
Unfunded FY 96 Requirement	(90.2)
DMAR Containment (Inflation & Deterioration)	+37.6
Annual Maintenance Requirement	+505.3
Total FY 97 Requirement	**$542.9**
Unfunded FY 97 Requirement	31.8
FY 97 BUDGET REQUEST	**$511.1**

Based upon inadequate funding for maintenance and repair during FY 94 and FY 95, the Army made a deliberate decision to severely reduce funding for new construction and revitalization in FY 96. This funding was transferred to the maintenance and repair

account to enable the Army to make quick fixes to existing units and their associated infrastructure, thus sustaining the enduring inventory.

Funding in FY 96 for maintenance and repair is adequate to meet the annual maintenance requirement and begin to eliminate some of the backlog of deferred maintenance and repair (DMAR).

The funding request for maintenance in FY 97 is adequate to meet the annual maintenance requirement; however, insufficient to eliminate any of the backlog of DMAR. Previous limited maintenance funding and high occupant turnover rates have accelerated deterioration of family quarters and the supporting infrastructure. Limited funding in recent years has also resulted in piece-meal or temporary repairs while more permanent solutions were deferred. Emphasis on timely maintenance and repairs is essential to ensure quarters are available for occupancy. Continually deferring such work increases the rate of deterioration, causing additional unfunded requirements in future years.

The Army has initiated a whole-house/whole-neighborhood concept to establish total funding required to bring existing facilities up to new construction standards. This concept combines all improvements with required maintenance and repairs into one project, minimizing quarters downtime and continual disruption to residents for piece-meal work. Each unit revitalized eliminates approximately $6,000 in accumulated DMAR.

During FY 97 it is estimated that approximately 18,737 overseas units and associated costs of $4.320 million will be required for quarters cleaning between change of occupancy at the following overseas locations:

MACOM	NO. OF UNITS	($000)
EUSA	849	191
USARPAC	5,500	1,292
USARSO	550	55
USAREUR	11,838	2,782
TOTAL	18,737	4,320

ARMY FAMILY HOUSING
FY 1997 BUDGET ESTIMATES
SUMMARY BACKLOG OF DEFERRED MAINTENANCE
($M)

	FY 95	FY 96	FY 97
Beginning of Year DMAR	600	770	651
Revitalization Reduction	- 6	- 2	- 9
DMAR Inventory Reduction	- 35	- 46	- 14
Revalue Adjustment (Foreign Currency)	- 7	+ 19	0
Revised Beginning of Year DMAR	552	741	628
DMAR Containment (Inflation & Deterioration)	32	44	38
Annual Maintenance Requirement	510	500	505
Total Maintenance Requirement	543	544	543
Total Maintenance Financed	325	634	511
Change in DMAR	+218	- 90	+ 32
End of Year DMAR	770	651	660
DMAR Per Dwelling Unit ($000)	5.9	5.2	5.4

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1. COMPONENT ARMY	FY 1997 MILITARY CONSTRUCTION PROJECT DATA	2. DATE February 1995

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
Various Locations - Continental	AFH Maintenance and Repair Projects over $15,000 per Dwelling Unit

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
887420	771	Congressional Report Request	$544.0

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	4	--	$544.0

10. Description of Proposed Construction

Projects include work necessary to provide adequate family quarters by repairing/replacing deteriorated building components, i.e., windows, electrical and sanitary systems, light fixtures, chimneys, gutters and downspouts, and roofing 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 4 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.

1. COMPONENT ARMY	FY 1997 MILITARY CONSTRUCTION PROJECT DATA	2. DATE February 1995

3. INSTALLATION AND LOCATION

Various Locations - Continental

4. PROJECT TITLE	5. PROJECT NUMBER
Army Family Housing Maintenance and Repair Projects over $15,000 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. Projects are at CONUS locations.

CURRENT SITUATION: These units vary in age up to 105 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. Type of repairs to be performed are based on a cost analysis.

NOTE: This information is provided in accordance with the House Appropriation Committee, Report 103-516, 19 May 1994, requiring the Services to report major repairs in family quarters where the costs (obligations) exceed $15,000 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 97. Work required in historical family quarters, designated as historically significant, has been identified and is being performed in consultation with applicable State Historic Preservation Offices.

1. COMPONENT ARMY	FY 1997 MILITARY CONSTRUCTION PROJECT DATA	2. DATE February 1995

3. INSTALLATION AND LOCATION

Various Locations - Continental

4. PROJECT TITLE	5. PROJECT NUMBER
Army Family Housing Maintenance and Repair Projects over $15,000 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							
Ft McPherson Historical (PN 44732)	4	1889- 1910	136.0	3,254	13,016	544.0	0.0

Repair dwelling units by replacing windows, electrical and sanitary systems, gutter and downspouts, cracked and deteriorated light fixtures, standing seam roofs, broken tile on tile roofs, and repairing chimneys to include the lining. Major M&R + PAC past 5 years: None.

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ARMY FAMILY HOUSING
FY 1997 BUDGET ESTIMATES

GENERAL/FLAG OFFICER QUARTERS (GFOQs) WHERE ANTICIPATED MAINTENANCE AND REPAIR OBLIGATIONS WILL EXCEED $25,000 PER DWELLING UNIT

This information is provided in accordance with the reporting requirement as stated in the Military Construction Appropriations Bill Report 102-580, June 18, 1992. This report provides information regarding the anticipated costs for those GFOQs where maintenance and repair obligations in FY 97 are expected to exceed $25,000 per dwelling unit. Annual lease costs are separately identified, where applicable. Maintenance and repairs include recurring work (service calls, preventive maintenance, and routine work between occupancy), as well as major repairs. In those quarters designated as historical, major work is coordinated with the appropriate State Historic Preservation office. Improvements (post acquisition construction funding) are identified separately if they are proposed to be funded in FY 97. Leased quarters exceeding $20,000, as adjusted by the FY 88 foreign currency exchange rate, are included in the Army's high cost lease authority in accordance with Military Construction Authorization Law. A semi-annual report is submitted to Congress. Post-acquisition Construction for prior 5 years is identified separately, as applicable.

ARMY FAMILY HOUSING
FY 1997 BUDGET ESTIMATES
GENERAL/FLAG OFFICER QUARTERS (GFOQs)
(continued)

STATE INSTALLATION QTRS NO.	NET SQUARE FOOTAGE	HIS-TORIC	YEAR BUILT	MAINT & REPAIRS	LEASE	NEW WORK
GEORGIA						
Fort McPherson						
(PN 35058)						
10 Staff Row	**7,327**	**yes**	**1891**	**$150,300**	**-**	**-**

Maintenance and repairs include service calls - $2,400; routine and recurring maintenance - $1,500; major renovation and repair project to include replacement of downspouts and gutters - $5,300; renovation of bathrooms - $14,400; restoration of windows - $45,000; rewire quarters - $23,500; repair plumbing - $52,000; repair roof - $5,700; replace light fixtures - $500.

OKLAHOMA						
Fort Sill						
(PN 44465)						
564 Searby	**3,547**	**yes**	**1934**	**$51,700**	**-**	**-**

Maintenance and repairs include service calls - $600; routine and recurring maintenance - $3,100; repair deteriorated clay tile roof - $40,000; grounds maintenance - $8,000.

TEXAS						
Fort Sam Houston						
(PN 44687)						
2 Staff Post	**3,749**	**yes**	**1881**	**$184,510**	**-**	**-**

Maintenance and repairs include service calls - $2,700; routine maintenance and change of occupancy maintenance - $8,250; major renovation and repair project to include repair of plumbing - $10,200; ground fault interrupter installation - $3,500; interior electrical repairs - $25,000; renovation of kitchen - $30,000; complete renovation of bathrooms - $25,000; restore large pocket doors in living/dining rooms - $5,000; stripping of interior paint - $8,000; stain and varnish interior wood - $10,000; reroof with standing seam and masonry restoration - $32,800; repair exterior utilities - $1,350; grounds maintenance - $1,310; contingency and overhead costs - $21,400.

ARMY FAMILY HOUSING
FY 1997 BUDGET ESTIMATES
GENERAL/FLAG OFFICER QUARTERS (GFOQs)
(continued)

STATE INSTALLATION QTRS NO.	NET SQUARE FOOTAGE	HIS-TORIC	YEAR BUILT	MAINT & REPAIRS	LEASE	NEW WORK
VIRGINIA						
Fort Myer						
(PN 41278)						
6 Grant Ave	**7,365**	**yes**	**1908**	**$113,000**	-	-

Maintenance and repairs include service calls - $6,000; routine and recurring maintenance - $7,000; repair slate tile roof - $70,000; design costs for FY 98 renovation project - $30,000.

(PN 41278)						
7 Grant Ave	**7,365**	**yes**	**1908**	**$68,000**	-	-

Maintenance and repairs include service calls - $6,000; routine and recurring maintenance - $7,000; repair slate tile roof - $55,000.

(PN 41278/43978)						
8 Grant Ave	**4,255**	**yes**	**1903**	**$118,000**	-	-

Maintenance and repairs include service calls - $6,000; routine and recurring maintenance - $7,000; repair slate tile roof - $35,000; repair front porch - $60,000; design costs for FY 98 renovation project - $10,000.

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ARMY FAMILY HOUSING
FY 1997 BUDGET ESTIMATES
REIMBURSABLE AUTHORITY

	($ In Thousands)
FY 1997 Program	28,000
FY 1996 Program	24,000

The reimbursable program provides for the collection of costs for utilities and services, annual routine maintenance and repair, rents associated with the use of government housing and trailer pads by authorized occupants, and damages caused by occupant negligence. A new initiative is being pursued to house civilians in excess units in USAREUR on a reimbursable basis. This initiative will require additional collection authority.

The following chart shows the source of receipts for the family housing account.

	FY 95	FY 96	FY 97
Non-Federal Sources	16,800	18,800	21,800
Non-Defense Agencies	4,200	5,200	6,200

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ARMY FAMILY HOUSING
FY 1997 BUDGET ESTIMATES
LEASING PROGRAM

($ In Thousands)	
FY 1997 Program	249,930
FY 1996 Program	243,840

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 is used as authorized by 10 U.S.C. 2828 and provides for the payment of rent, operation, and maintenance costs of privately owned quarters for assignment as government quarters to military families. This 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 the private sector rental markets cannot meet requirements and cost effective alternatives do not exist, short and long-term leases are utilized. In high cost areas and overseas, the Army relies extensively on the leasing program to obtain housing at prices service members can afford.

PROGRAM SUMMARY

Authorization is requested for the appropriation of $249,930,000 to fund leases and related expenses in FY 97. A summary of the leasing program follows:

	FY 95		FY 96		FY 97	
	Leases Supported	Cost $000	Leases Supported	Cost $000	Leases Supported	Cost $000
Domestic Leases	285	3,795	180	2,345	180	2,345
Section 2835	4,280	58,605	4,080	57,717	4,080	58,148
Foreign Leases	11,680	172,041	12,005	183,778	12,005	189,437
TOTAL	16,245	234,441	16,265	243,840	16,265	249,930

Funds are required for the average number of units to be occupied during each fiscal year (determined by dividing by 12 the number of lease months occupied) as follows:

	Average No. of Units FY 95	No. of Units FY 96	No. of Units FY 97
Domestic	285	180	180
Section 2835	4,280	4,080	4,080
Foreign	8,902	8,997	8,997
GRHP	2,778	3,008	3,008
TOTAL	16,245	16,265	16,265

JUSTIFICATION:

Domestic Leasing: The domestic leasing program provides temporary housing for Army families pending availability of permanent housing. For example, leases in the Los Angeles area alleviate the excessive out-of-pocket expense for personnel assigned to this high cost area, and Ft. Huachuca is providing much needed three bedroom housing to offset the scarcity in the local community.

Section 2835: The Army has implemented the domestic build-to-lease program at seven installations. Under this program the Army leases family housing units from a contractor for up to 20 years. The units are then assigned as military housing to soldiers and their families. This program is helping to reduce our CONUS family housing deficit at sites where Army families are the most seriously affected by housing shortages. Funds are requested to continue payment of lease costs and operation and maintenance expenses. FY 97 budget will support 4,080 occupied units.

Foreign Leasing: The FY 97 foreign leasing program request consists of 12,005 foreign leases, to include 3,008 units for the Government Rental Housing Program (GRHP) in the European Theater. The majority of foreign leases are in Germany. The currency rate is 1.57DM = $1.00. Funding request includes buy-out costs for early termination of build-to-lease contracts caused by the overseas draw down.

Governmental Rental Housing Program (GRHP): Under GRHP, the U.S. Government leases existing individual housing units in Europe. There is no construction period as with the build-to-lease projects. The Army negotiates, executes and manages the lease contracts; assuming responsibility for all costs (deposits, rent, utilities, maintenance and services); and paying for damage claims (Army recovering from soldiers). The soldier forfeits all housing allowances and agrees to occupy off-post housing for the entire tour. The lease is terminated when the soldier's tour ends. This program allows soldiers to be housed quickly, without large out-of-pocket expenses. There are no early termination costs.

RECONCILIATION OF INCREASES AND DECREASES

		($M)
FY 95 CURRENT ESTIMATE		**$234.4**
Program Decreases/Increases		+ 9.4
Domestic Leases	(- 2.4)	
Foreign Leases	(+11.8)	
FY 96 BUDGET REQUEST		**$243.8**
Program Decreases		+ 6.1
Domestic Leases	(+ 0.5)	
Foreign Leases	(+ 5.6)	
FY 97 BUDGET REQUEST		**$249.9**

Rationale for Changes in the Leasing Account

Program decreases reflect the impact of base realignments.

The types of Army family housing used in each locality depend upon available assets, often a mix of private rentals, government-owned, and leases; therefore, full authorization is required to allow for sufficient flexibility.

The following is a summary of authorizations and funds required:

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ARMY FAMILY HOUSING
FISCAL YEAR 1997
LEASING PROGRAM

	FY 95			FY 96			FY 97		
	Units Supported	Months Purchsd	($000)	Units Supported	Months Purchsd	($000)	Units Supported	Months Purchsd	($000)
DOMESTIC LEASING									
Ft. Lewis(LA)	75	900	1,145	80	960	1,195	80	960	1,195
Oahu Consol FH Ofc,HI	110	1,320	1,500	0	0	0	0	0	0
Ft. Huachuca, AZ	100	1,200	1,150	100	1,200	1,150	100	1,200	1,150
Contingency Allocations	0	0	0	0	0	0	0	0	0
Subtotal Domestic Leasing	285	3,420	3,795	180	2,160	2,345	180	2,160	2,345
Section 2835 (801)	4,280	51,360	58,605	4,080	48,960	57,717	4,080	48,960	58,148
Total Domestic Leasing	4,565	54,780	62,400	4,260	51,120	60,062	4,260	51,120	60,493
FOREIGN LEASING									
EUSA									
Korea	1,254	15,048	22,672	1,254	15,048	15,524	1,254	15,048	16,990
USARSO									
Panama	69	828	764	69	828	764	69	828	764
USAREUR									
Belgium/Netherlands	603	7,236	7,538	489	5,868	5,856	489	5,868	6,741
Germany	6,347	76,164	92,228	6,526	78,312	93,694	6,526	78,312	95,865
Italy	573	6,876	7,570	603	7,236	21,810	603	7,236	21,609
Turkey	10	120	190	10	120	190	10	120	190
Subtotal	7,533	90,396	107,526	7,628	91,536	121,550	7,628	91,536	124,405
Govt Rental Hsg Prgm, Eur	2,778	33,336	40,070	3,008	36,096	44,654	3,008	36,096	45,992
USAREUR Total	10,311	123,732	147,596	10,636	127,632	166,204	10,636	127,632	170,397

FISCAL YEAR 1997
LEASING PROGRAM

February 1995

FOREIGN AREA OFFICERS	Units Supported	FY 95 Months Purchsd	($000)	Units Supported	FY 96 Months Purchsd	($000)	Units Supported	FY 97 Months Purchsd	($000)
Bangladesh	2	24	20	2	24	85	2	24	85
Botswana	1	12	31	1	12	40	1	12	40
Cameroon	1	12	37	1	12	42	1	12	42
China(Beijing)	1	12	45	1	12	45	1	12	45
Czech(Prague)	0	0	0	1	12	38	1	12	38
Egypt	2	24	35	2	24	51	2	24	51
Greece	1	12	12	1	12	24	1	12	24
Hungary(Budapest)	1	12	40	1	12	39	1	12	39
India	1	12	17	2	24	41	2	24	41
Indonesia	1	12	26	1	12	37	1	12	37
Israel	2	24	74	1	12	30	1	12	30
Ivory Coast	1	12	35	1	12	32	1	12	32
Jordan	2	24	20	4	48	120	4	48	120
Kazakhstan	1	12	40	1	12	38	1	12	38
Kenya	6	72	100	6	72	100	6	72	100
Korea	2	24	33	2	24	22	2	24	22
Kuwait				1	12	32	1	12	32
Malawi	1	12	34	1	12	28	1	12	28
Morocco	2	24	40	2	24	52	2	24	52
Netherlands	1	12	21	0	0	0	0	0	0
Niger	1	12	27	1	12	30	1	12	30
Pakistan	3	36	44	1	12	39	1	12	39
Poland	1	12	39	1	12	30	1	12	30
Portugal	0	0	0	1	12	18	1	12	18
Romania	1	12	37	1	12	23	1	12	23
Russia				1	12	20	1	12	20
Saudi Arabia (2yr lse)	1	12	0						
Senegal	1	12	40	1	12	33	1	12	33
Tunisia	1	12	5	1	12	3	1	12	3
Turkey	3	36	23	1	12	4	1	12	4
Ukraine				1	12	37	1	12	37
Yugoslavia	1	12	10	0	0	0	0	0	0
Zaire	1	12	25	1	12	42	1	12	42
Zimbabwe	1	12	25	1	12	33	1	12	33
Turkey(TRADOC LO)	1	12	42	1	12	46	1	12	46
Isreal(TRADOC LO)	1	12	32	1	12	32	1	12	32
Foreign Area Officer Total	46	552	1,009	46	552	1,286	46	552	1,286
Total Foreign Leasing	11,680	140,160	172,041	12,005	144,060	183,778	12,005	144,060	189,437
TOTAL LEASING PROGRAM	16,245	194,940	234,441	16,265	195,180	243,840	16,265	195,180	249,930

February 1995

ARMY FAMILY HOUSING
FY 97 Section 2835 (801) Family Housing Summary
(Dollars in Thousands)

Location	No. of Units	FY of Initial Auth	Date of Award	Date of Full Occup	FY 95 Cost	FY 95 Units	FY 96 Cost	FY 96 FY 97 Units	FY 97 Cost
Ft Polk, LA	300	84	Dec 85	Nov 87	2,781	300	2,795	300	2808
Ft Hood, TX	300	84	Mar 86	Jun 88	2,623	300	2,644	300	2660
Ft Drum NY	1,400	85	Aug 85	Dec 87	17,473	1,400	17,473	1,400	17473
Ft Wainwright, AK	400	85	Jan 86	Oct 87	12,164	400	11,812	400	12092
Ft Polk, LA	300	86	Sep 86	Jun 88	2,729	300	2,742	300	2755
Ft Drum, NY	300	86	Sep 86	Jun 88	4,328	300	4,328	300	4328
Ft Wainwright, AK	150	87	May 88	Nov 89	4,600	150	4,631	150	4741
FT Drum, NY	300	87	May 88	May 89	4,254	300	4,254	300	4254
Ft Bliss, TX	150	87	Sep 89	Jun 91	1,685	150	1,361	150	1347
Ft Bliss, TX	150	88	Sep 89	Jun 91	1,685	150	1,361	150	1347
Ft McCoy, WI	80	88	Sep 89	Feb 92	1,416	80	1,449	80	1460
Ft Bragg, NC	250	88	Sep 91	May 93	2,867	250	2,867	250	2883
Ft Stewart, GA	200	88	Sep 91	Dec 94	0	200	0	0	0
TOTAL	4,280	NA	NA	NA	58,605	4,280	57,717	4,080	58,148

ARMY FAMILY HOUSING
FY 97 Summary Sheet for High Cost Leases

February 1995

COUNTRY	LEASES	HIGH COST LEASES	FOREIGN CURRENCY	FY88	FY97	ADJUSTED** FY 97 CAP
Belgium	276	14	Franc	42.770	32.410	$26,393
Germany	9,013	1	Deutsche Mark	2.060	1.570	$26,242
Italy	967	2	Lira	1423.000	1617.500	$17,595
Ivory Coast	1	1	Central	291.000	296.000 *	$19,662
Netherlands	391	3	Guilder	2.330	1.760	$26,477

*Source of rate information – Department of State.
** The adjusted high cost cap is determined by multiplying $20K times the FY 88 exchange rate divided by the FY 95 exchange rate. Leases exceeding this cap are counted against the number of high cost leases allowed.

ARMY FAMILY HOUSING
FY 1997 BUDGET ESTIMATES
DEBT PAYMENT

	($ In Thousands)
FY 1997 Program	11
FY 1996 Program	11

PURPOSE AND SCOPE

This program includes payment of Servicemen's Mortgage Insurance Premiums to FHA for mortgages assumed by active military personnel for housing purchased by them.

PROGRAM SUMMARY

Authorization is required for the appropriation of $11,000 in FY 1997.

JUSTIFICATION

SERVICEMEN'S MORTGAGE INSURANCE PREMIUMS

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 serviceman dies while on active duty and leaves a surviving widow as owner of the property. Payments extend for a period of two years after death or until the widow 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 covered prior to FY 1980.

ARMY FAMILY HOUSING
FY 1997 BUDGET ESTIMATES
DEBT PAYMENT

TOA:	FY 95	FY 96	FY 97
Interest and Other Expenses			
Wherry	0	0	0
SUBTOTAL	0	0	0
Mortgage Insurance Premiums			
Servicemen's	11	11	11
SUBTOTAL			
Total Obligating Authority	11	11	11
FINANCING ADJUSTMENTS:	0	0	0
BUDGET AUTHORITY:	11	11	11
BUDGET AUTHORITY:			
Appropriation:	0	0	0
Portion Applied to Debt Reduction:			
Wherry	0	0	0
SUBTOTAL	0	0	0
Appropriation (Adjusted)	11	11	11

FY 1997 Appropriation Recapitulation	
Wherry	0
Servicemen's Mortgage Insurance Premiums	11
TOTAL	11

ARMY FAMILY HOUSING
FY 1997 BUDGET ESTIMATES
DEBT PAYMENT
SERVICEMEN'S MORTGAGE INSURANCE PREMIUMS

($000)

FISCAL YEAR	MORTGAGES ON HAND	ESTIMATED TERMINATIONS	ESTIMATED AVERAGE PAYMENT	ESTIMATED PAYMENT FOR YEAR
1995	31	10	354	11
1996	21	10	524	11
1997	11	6	1,000	11

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PART III: HOMEOWNERS ASSISTANCE FUND 1997

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PART III HOMEOWNERS ASSISTANCE

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February 1995

HOMEOWNERS ASSISTANCE FUND, DEFENSE
FY 1997 BUDGET ESTIMATE
SUMMARY

	(In Thousands)
FY 1995 Estimate	$ -0-
FY 1996 Estimate	$ 75,586
FY 1997 Estimate	$ 36,180

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 market conditions 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. If the MIS demonstrates sufficient impact on the market and establishes a causal relationship, a program is approved. 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 dwelling by liquidating or assuming the outstanding mortgage. 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 1997 budget requests authorization of appropriation and appropriation in the amount of $36,180,000 to fund Homeowners Assistance Fund program expenses. Total program requirements for the FY 1997 program are estimated at $166,340,000 and will be funded with requested budget authority, revenue from sales of acquired properties, and prior year unobligated balances. Program increases are primarily the result of bases and installations approved for closure and realignment. Future base closure actions will continue to have a significant impact on this 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, 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 assumed the 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 are required to maintain its solvency as a revolving fund. The FY 1997 budget request of $36,180,000 is necessary to maintain the fund's solvency and fund FY 1997 program requirements.

AUTHORIZATION AND
APPROPRIATION LANGUAGE
HOMEOWNERS ASSISTANCE FUND, DEFENSE
FY 1997

For use in the Homeowners Assistance Fund established pursuant to section 1013(d) of the Demonstration Cities and Metropolitan Development Act of 1966, as amended (42 U.S.C. 3374), [$75,586,000] **$36,180,000**, to remain available until expended.

The chart below is a summary of the funding for the FY 1995, FY 1996, FY 1997

PROGRAM FINANCIAL SUMMARY

HOMEOWNERS ASSISTANCE FUND, DEFENSE	FY 1995	FY 1996	FY 1997
I. PROGRAM RESOURCES			
New Appropriation Requested	0	75,586,000	36,180,000
Indefinite Borrowing Authority	0	0	0
Total Budget Authority Requested	0	75,586,000	36,180,000
II. REIMBURSABLE RESOURCES			
Reimbursable Authority	0	0	0
III. OTHER PROGRAM RESOURCES			
Prior FY Unobligated Balance Brought Forward	251,279,000	40,585,000	0
Anticipated Revenue from Sale of Real Property	91,490,000	122,307,000	130,160,000
Appropriation Transfers	0	0	0
Unobligated Balance Transferred to Others	(133,000,000)	0	
Recovery of Prior Year Balances	0	0	0
IV. TOTAL PROGRAM RESOURCES	209,769,000	238,478,000	166,340,000
V. PLANNED PROGRAM EXECUTION			
Payments to Homeowners	10,640,000	23,862,000	11,097,000
Other Operating Cost	34,018,000	35,847,000	31,004,000
Acquisition of Real Property	124,526,000	178,769,000	124,239,000
Mortgages Assumed	0	0	0
Retirement of Debt – Authority Withdrawn	0	0	0
VI. TOTAL PLANNED PROGRAM EXPENSE	169,184,000	238,478,000	166,340,000
VII. ANTICIPATED EOY UNOBLIGATED			
Balance Carried Forward	40,585,000	0	0

Homeowners Asst Fund, Def.
Program and Financing (in Thousands of dollars)

Identification code 97-4090-0-3-051		1995 est.	1996 est.	1997 est.
	Program by activities:			
	Direct program:			
	Operating expenses:			
01.0101	Payment to homeowners (private sale and foreclosure assistance)	10,640	23,862	11,097
01.0201	Other operating costs	34,018	35,847	31,004
01.9101	Total operating expenses	44,658	59,709	42,101
	Capital investment:			
02.0101	Acquisition of real property	124,526	178,769	124,239
10.0001	Total obligations	169,184	238,478	166,340
	Financing:			
	Offsetting collections from:			
14.0001	Non-Federal sources(-)	-91,490	-122,307	-130,160
17.0001	Recovery of prior year obligations			
	Unobligated balance available, start of year:			
21.9001	Unobligated balance, SOY: Fund balance	-251,279	-40,585	
	Unobligated balance available, end of year:			
24.9001	Unobligated balance, EOY: Fund balance	40,585		
39.0001	Budget authority	-133,000	75,586	36,180
	Budget authority:			
	Appropriation		75,586	36,180
40.0001	Transferred to other accounts (-)*	-133,000		
41.0001	Appropriation (adjusted)	-133,000	75,586	36,180
43.0001	Relation of obligations to outlays:			
	Obligations incurred	77,694	116,171	36,180
71.0001	Receivables from other government accts. SOY	-1,956	-80,409	-36,000
72.1001	Obligated balance, start of year:Obligated balance, start of year, fun	17,255	65,000	62,071
72.9001	Receivables from other government accts, EOY	80,409	36,000	7,044
74.1001	Obligated balance, end of year:Obligated balance, end of year, fund ba	-65,000	-62,071	-3,522
74.9001	Adjustments in expired accounts (net)			
77.0001	Adjustments in unexpired accounts			
78.0001	Outlays (net)	108,402	74,691	65,773
90.0001				

Homeowners Asst Fund, Def.
Object Classificatior (in Thousands of dollars)

Identification code 97-4090-0-3-051		1995 est.	1996 est.	1997 est.
	Direct obligations:			
	Personnel compensation:			
111.801	Special personal services payments	7,115	7,945	7,175
121.001	Travel and transportation of persons	567	587	472
	Other services with the private sector			
125.204	Other charges with the private sector	26,336	13,315	23,357
132.001	Land and structures	124,526	192,769	124,239
142.001	Insurance claims and indemnities	10,640	23,862	11,097
199.001	Total Direct obligations	169,184	238,478	166,340
999.901	Total obligations	169,184	238,478	166,340