

Department of the Army

FY 2004 / 2005 Biennial Budget Submission

Military Construction, Army, Family Housing & Homeowners Assistance

Justification Data Submitted to Congress February 2003

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PART II - AFH

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FISCAL YEAR 2004

MILITARY CONSTRUCTION (PART I)

(DOLLARS ARE IN THOUSANDS)

STATE		INSTALLATION (COMMAND/REGION)				NEW/	
	PROJECT		AUT	HORIZATION	APPROPRIATION	CURRENT	
	NUMBER	PROJECT TITLE		REQUEST	REQUEST	MISSION	PAGE
Alabama		Redstone Arsenal (AMC/SERO)					3
	16443	Vibration Dynamic Test Facility		5,500	5,500	С	5
		Chhatal Dadatana Annual DADE I					
		Subtotal Redstone Arsenal PART I	\$	5,500	5,500		
		* TOTAL MCA FOR Alabama	\$	5,500	5,500		
Alaska		Fort Richardson (USARPAC/PARO)		_			11
	53513	Barracks Complex - D Street Ph 3		0	33,000	С	13
		Subtotal Fort Richardson PART I	\$	0	33,000		
		Fort Wainwright (USARPAC/PARO)					17
	53401	Multi-purpose Training Range Complex		47,000	47,000	N	19
	55847	Military Operations on Urban Terrain		11,200		N	22
	56921	Pallet Processing Facility		16,500			25
	56922	Ammunition Supply Point Upgrade		10,600			28
	56951	Alert Holding Area Facility		32,000			31
	58048	Barracks Complex - Luzon Avenue		21,500			34
		Subtotal Fort Wainwright PART I	\$	138,800	138,800		
		* TOTAL MOA EOD Alacks	ė	120 000	171 000		
		* TOTAL MCA FOR Alaska	\$	138,800	171,800		
Georgia		Fort Benning (TRADOC/SERO)					39
	40525	Multi-purpose Training Range Complex		30,000	30,000	С	41
		Subtotal Fort Benning PART I	\$	30,000	30,000		
		Fort Stewart (FORSCOM/SERO)					47
	39451	Physical Fitness Training Center		15,500	15,500	С	49
	51127	Barracks Complex - Perimeter Road		49,000	49,000	С	52
		Subtotal Fort Stewart PART I	\$	64,500	64,500		
		* TOTAL MCA FOR Georgia	\$	94,500	94,500		

FISCAL YEAR 2004

MILITARY CONSTRUCTION (PART I)

(DOLLARS ARE IN THOUSANDS)

STATE		INSTALLATION (COMMAND/REGION)				NEW/	
	PROJECT		AUT	HORIZATION	APPROPRIATION	CURRENT	
	NUMBER	PROJECT TITLE		REQUEST	REQUEST	MISSION	PAGE
Hawaii		Schofield Barracks (USARPAC/PARO)					57
	34048	Information Systems Facility		18,000	18,000	N	59
	48784	Barracks Complex - Capron Road Ph 2		0	49,000	С	63
	52268	Barracks Complex - Quad E		49,000	49,000	С	66
	55270	Land Acquisition		19,400	19,400	N	69
	57227	Mission Training Support Facility		33,000	33,000	N	71
		Subtotal Schofield Barracks PART I	\$	119,400	168,400		
		Helemano Military Reservation (USARPAC/PAR	0)				75
	57802	Land Easement		1,400	1,400	N	77
		Subtotal Helemano Military Reservation PART I	\$	1,400	1,400		
		* TOTAL MCA FOR Hawaii	\$	120,800	169,800		
Kansas		Fort Riley (FORSCOM/NWRO)					81
Naribab	36388	Barracks Complex - Graves Street		40,000	40,000	С	83
	30300	Darracks Complex Graves Screet				C	05
		Subtotal Fort Riley PART I	\$	40,000	40,000		
		* TOTAL MCA FOR Kansas	\$	40,000	40,000		
Kentuck	У	Fort Campbell (FORSCOM/SERO)					89
	51112	Barracks Complex - Range Road Ph 2		0	49,000	С	91
		Subtotal Fort Campbell PART I	\$	0	49,000		
		Fort Knox (TRADOC/SERO)					95
	34030	Modified Record Fire Range		3,500	3,500	С	97
		Subtotal Fort Knox PART I	\$	3,500	3,500		
		* TOTAL MCA FOR Kentucky	\$	3,500	52,500		

FISCAL YEAR 2004

MILITARY CONSTRUCTION (PART I)

(DOLLARS ARE IN THOUSANDS)

STATE		INSTALLATION (COMMAND/REGION)				NEW/	
	PROJECT		AUT	HORIZATION	APPROPRIATION	CURRENT	
	NUMBER	PROJECT TITLE		REQUEST	REQUEST	MISSION	PAGE
Louisia	na	Fort Polk (FORSCOM/SWRO)					103
	55775	Mission Training Support Facility		27,000	27,000	N	105
	56488	Alert Holding Area Facility		8,400	8,400	N	109
	57163	Aircraft Maintenance Hangar		34,000	34,000	N	112
	57167	Arms Storage Facility		1,350	1,350	N	116
	57671	Shoot House		1,250	1,250	С	119
		Subtotal Fort Polk PART I	\$	72,000	72,000		
		* TOTAL MCA FOR Louisiana	\$	72,000	72,000		
Marylan	ď	Fort Meade (MDW/NERO)					125
1227102	52733	Dining Facility		9,600	9,600	С	127
		Subtotal Fort Meade PART I	\$	9,600	9,600		
		* TOTAL MCA FOR Maryland	\$	9,600	9,600		
New Yorl	k	Fort Drum (FORSCOM/NERO)					133
	14528	Barracks Complex - 10200 Area		22,500	22,500	С	135
	44122	Barracks Complex - Wheeler Sack AAF Ph 1		92,000	49,000	С	138
		Subtotal Fort Drum PART I	\$	114,500	71,500		
		* TOTAL MCA FOR New York	\$	114,500	71,500		
North C	arolina	Fort Bragg (FORSCOM/SERO)					143
	35360	Barracks Complex - Bastogne Drive Ph 1		97,000	47,000	С	145
	48440	Barracks-D Area, Ph 4		17,000	17,000	С	148
	53538	Barracks Complex - Butner Road Ph 4		38,000	38,000		151
		Subtotal Fort Bragg PART I	\$	152,000	102,000		
		* TOTAL MCA FOR North Carolina	\$	152,000	102,000		

FISCAL YEAR 2004

MILITARY CONSTRUCTION (PART I)

(DOLLARS ARE IN THOUSANDS)

STATE		INSTALLATION (COMMAND/REGION)				NEW/	
	PROJECT		AUT:	HORIZATION	APPROPRIATION	CURRENT	
	NUMBER	PROJECT TITLE		REQUEST	REQUEST	MISSION	PAGE
Oklahom	a	Fort Sill (TRADOC/SWRO)					157
	55549	Modified Record Fire Range		3,500	3,500	С	159
		Subtotal Fort Sill PART I	\$	3,500	3,500		
		* TOTAL MCA FOR Oklahoma	\$	3,500	3,500		
Texas		Fort Hood (FORSCOM/SWRO)					165
	23652	Barracks Complex - 67th St & Battalion Ave		47,000	47,000	C	167
		Subtotal Fort Hood PART I	\$	47,000	47,000		
		* TOTAL MCA FOR Texas	\$	47,000	47,000		
Virgini		Foods Marons (MDM/NEDO)					173
VIIGIII		Fort Myer (MDW/NERO) Vehicle Maintenance Facility		9,000	9,000	С	175
	32273	variete ratificatailee ractiffy				C	175
		Subtotal Fort Myer PART I	\$	9,000	9,000		
		* TOTAL MCA FOR Virginia	\$	9,000	9,000		
Washing	ton	Fort Lewis (FORSCOM/NWRO)					181
Masilling	44794	Barracks Complex - 17th & B St Ph 3		0	48,000	С	183
	54765	Deployment Staging Facility		2,650			186
	57653	Shoot House		1,250	1,250		189
		Subtotal Fort Lewis PART I	\$	3,900	51,900		
		* TOTAL MCA FOR Washington	\$	3,900	51,900		
** TO	TAL INSIDE	THE UNITED STATES FOR MCA	\$	814,600	900,600		

FISCAL YEAR 2004

MILITARY CONSTRUCTION (PART I)

(DOLLARS ARE IN THOUSANDS)

		OUTSIDE THE UNITED STATES		
STATE		INSTALLATION (COMMAND/REGION)		
	PROJECT		AUTHORIZATION	APPRO

SIMIE		TINGTALLIAN (COMMAND/REGION)				INE W/	
	PROJECT		AUTH	ORIZATION	APPROPRIATION	CURRENT	
	NUMBER	PROJECT TITLE		REQUEST	REQUEST	MISSION	PAGE
Germany	•	Germany Various (USAREUR/EURO)					195
		Bamberg Warner Barracks					
	56074	Barracks - Warner 7083		8,000	8,000	С	197
	56080	Barracks - Warner 7004		9,900	9,900	С	200
		Darmstadt Cambrai Fritsch Ksn					
	56758	Barracks - Cambrai Fritsch 4029		7,700	7,700	С	203
		Grafenwoehr East Camp Grafenwoehr					
	55974	Brigade Complex - Troop Support Facilities		46,000	46,000	С	206
	55975	Brigade Complex - Barracks & Maint/Support		30,000	30,000	С	210
		Heidelberg Heidelberg Hospital					
	56775	Barracks - Heidelberg Hospital		17,000	17,000	С	214
		Hohenfels Training Area					
	46815	Physical Fitness Training Center		13,200	13,200	C	217
		Mannheim Sullivan Barracks					
	52620	Barracks - Sullivan 205		4,300	4,300	C	220
		Schweinfurt Trng Areas (23)					
	53940	Modified Record Fire Range		7,500	7,500	C	223
		Wuerzburg Leighton Barracks					
	54286	Barracks - Leighton		18,500	18,500	С	226
		Subtotal Germany Various PART I	\$	162,100	162,100		
		* TOTAL MCA FOR Germany	\$	162,100	162,100		
Italy		Italy Various (USAREUR/EURO)					231
_		Aviano Air Base					
	53881	Joint Deployment Facility		15,500	15,500	С	233
		Livorno Supply & Maint Area					
	58493	Vehicle Maintenance Facility		22,000	22,000	С	236
		Subtotal Italy Various PART I	\$	37,500	37,500		
		* TOTAL MCA FOR Italy	\$	37,500	37,500		

NEW/

FISCAL YEAR 2004

MILITARY CONSTRUCTION (PART I)

(DOLLARS ARE IN THOUSANDS)

OUTSIDE THE UNITED STATES

STATE	PROJECT NUMBER	INSTALLATION (COMMAND/REGION) PROJECT TITLE	A: _		APPROPRIATION REQUEST		PAGE
Korea		Korea Various (EUSA/KORO) Area I Camp Casey					243
	54214	Barracks Complex - Engineer Drive		41,000	41,000	C	245
	54589	Barracks Complex - Ace Boulevard		45,000	35,000	C	249
		Area I Camp Hovey					
	58243	Barracks Complex - Hovey		29,000	29,000	C	253
		Subtotal Korea Various PART I * TOTAL MCA FOR Korea	\$	115,000	·		
Kwajale		Kwajalein Atoll (SMDC/PARO) Vehicle Paint & Prep Facility	_	9,400	9,400	С	259 261
		Subtotal Kwajalein Atoll PART I	\$	9,400	9,400		
		* TOTAL MCA FOR Kwajalein	\$	9,400	9,400		
** T0	OTAL OUTSI	DE THE UNITED STATES FOR MCA	\$	324,000	314,000		

FISCAL YEAR 2004

MILITARY CONSTRUCTION (PART I)

(DOLLARS ARE IN THOUSANDS)

WORLDWIDE

STATE	INSTALLATION (COMMAND/REGION)				
PROJECT		AU	JTHORIZATION A	PPROPRIATION	
NUMBER	PROJECT TITLE		REQUEST	REQUEST	PAGE
Ward dry'da Varri aya	Worldwide Various Locations (WORLDWD/OTHR	١			
		,	170 700	150 500	067
53976	Classified Project			178,700	267
	Subtotal Worldwide Various Locations PART I	ج-	178,700		
	Subtotal Molitawide Valious Hocations 174(1)	Ÿ	170,700	170,700	
	Planning and Design (PLNGDES/OTHR)				
	Host Nation Support				
51094	Planning and Design - Host Nation		0	22,000	269
	Subtotal Planning and Design PART I	\$	0	22,000	
	Minor Construction (MINOR/OTHR)				
51083	Minor Construction		0	20,000	271
	Subtotal Minor Construction PART I	\$		20,000	
	Subtotal Millor Construction Part 1	Ą	Ü	20,000	
	Planning and Design (PLNGDES/OTHR)				
51092	Planning and Design		0	100,710	273
	Subtotal Planning and Design PART I	\$	0	100,710	
	* TOTAL MCA FOR Worldwide Various	\$	178,700	321,410	
** TOTAL WORLDW	ITDE FOR MOA	\$	178,700	321,410	
101111 1101111011		٧	1,0,,00	321,110	
MILITARY CONSTR	UCTION (PART I) TOTAL	\$	1,317,300	1,536,010	

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FY 2004 MCA Construction Projects

State	Location	Project Description	Cost (\$000)	New / Current
Inside The United	States			
Alabama	Redstone Arsenal	Vibration Dynamic Test Facility	5,500	С
Alaska	Fort Richardson	Barracks Complex - D Street Ph 3	33,000	С
Alaska	Fort Wainwright	Multi-purpose Training Range Complex	47,000	N
Alaska	Fort Wainwright	Military Operations on Urban Terrain	11,200	N
Alaska	Fort Wainwright	Pallet Processing Facility	16,500	N
Alaska	Fort Wainwright	Ammunition Supply Point Upgrade	10,600	N
Alaska	Fort Wainwright	Alert Holding Area Facility	32,000	N N
Alaska				N N
Alaska	Fort Wainwright	Barracks Complex - Luzon Avenue	21,500	N
Georgia	Fort Benning	Multi-purpose Training Range Complex	30,000	C
Georgia	Fort Stewart	Physical Fitness Training Center	15,500	C
Georgia	Fort Stewart	Barracks Complex - Perimeter Road	49,000	C
Hawaii	Schofield Barracks	Information Systems Facility	18,000	N
Hawaii	Schofield Barracks	Barracks Complex - Capron Road Ph 2	49,000	C
Hawaii	Schofield Barracks	Barracks Complex - Quad E	49,000	Ċ
Hawaii	Schofield Barracks	Land Acquisition	19,400	N
Hawaii	Schofield Barracks	Mission Training Support Facility	33,000	N
Hawaii	Helemano Military Reservation		1,400	N
Kansas	Fort Riley	Barracks Complex - Graves Street	40,000	С
Kentucky	Fort Campbell	Barracks Complex - Range Road Ph 2	49,000	C
Kentucky	Fort Knox	Modified Record Fire Range	3,500	Ċ
Louisiana	Fort Polk	Mission Training Support Facility	27,000	N
Louisiana	Fort Polk	Alert Holding Area Facility	8,400	N
Louisiana	Fort Polk		-	N N
Louisiana	Fort Polk	Aircraft Maintenance Hangar	34,000	N N
Louisiana Louisiana	Fort Polk Fort Polk	Arms Storage Facility Shoot House	1,350 1,250	C
			-	_
Maryland	Fort Meade	Dining Facility	9,600	С
New York	Fort Drum	Barracks Complex - 10200 Area	22,500	С
New York	Fort Drum	Barracks Complex - Wheeler Sack AAF Ph 1	49,000	Ċ
North Carolina	Fort Bragg	Barracks Complex - Bastogne Drive Ph 1	47,000	С
North Carolina	Fort Bragg	Barracks-D Area, Ph 4	17,000	C
North Carolina	Fort Bragg	Barracks Complex - Butner Road Ph 4	38,000	C
NOICH CAPOLINA	FOIL Bragg	barracks complex - buther Road PH 4	30,000	C
Oklahoma	Fort Sill	Modified Record Fire Range	3,500	С
Texas	Fort Hood	Barracks Complex - 67th St & Battalion Ave	47,000	С
Virginia	Fort Myer	Vehicle Maintenance Facility	9,000	С
Washington	Fort Lewis	Barracks Complex - 17th & B St Ph 3	48,000	С
Washington	Fort Lewis	Deployment Staging Facility	2,650	N
Washington	Fort Lewis	Shoot House	1,250	Ċ
			_,_5	-

FY 2004 MCA Construction Projects

State	Location	Project Description	Cost (\$000)	New / Current
Outside The United	States			
Germany Germany Germany Germany Germany Germany	Hohenfels Mannheim Grafenwoehr Grafenwoehr Heidelberg Bamberg	Physical Fitness Training Center Barracks - Sullivan 205 Brigade Complex - Troop Support Facilities Brigade Complex - Barracks & Maint/Support Barracks - Heidelberg Hospital Barracks - Warner 7083	13,200 4,300 46,000 30,000 17,000 8,000	0 0 0 0 0
Germany Germany Germany Germany	Bamberg Wuerzburg Schweinfurt Darmstadt	Barracks - Warner 7004 Barracks - Leighton Modified Record Fire Range Barracks - Cambrai Fritsch 4029	9,900 18,500 7,500 7,700	0 0 0
Italy Italy	Aviano Air Base Livorno	Joint Deployment Facility Vehicle Maintenance Facility	15,500 22,000	C
Korea Korea Korea	Area I Area I Area I	Barracks Complex - Engineer Drive Barracks Complex - Ace Boulevard Barracks Complex - Hovey	41,000 35,000 29,000	с с
Kwajalein Worldwide Various	Kwajalein Atoll	Vehicle Paint & Prep Facility	9,400	С
Worldwide Various Worldwide Various Worldwide Various	Host Nation Support Minor Construction Planning and Design Worldwide Various Locations	Planning and Design - Host Nation Minor Construction Planning and Design Classified Project	22,000 20,000 100,710 178,700	С
Total Total	Cost of New Mission projects Cost of Current Mission project Cost of other line items Cost of FY 2004 MCA Projects	(3) \$ 142,710))	

Printed 01/29/03 at 10.36.12

INSTALLATION LIST

INSTALLATION		MACOM	REGION	1390 PAGE
Fort Benning Fort Bragg	B 	TRADOC FORSCOM	SERO SERO	39 143
Fort Campbell	C 	FORSCOM	SERO	89
Fort Drum	D 	FORSCOM	NERO	133
Germany Various	G 	USAREUR	EURO	195
Fort Hood	н 	FORSCOM	SWRO	165
Italy Various	I 	USAREUR	EURO	231
Fort Knox Korea Various Kwajalein Atoll	K 	TRADOC EUSA SMDC	SERO KORO PARO	95 243 259
Fort Lewis	L 	FORSCOM	NWRO	181

INSTALLATION LIST

INSTALLATION		MACOM	REGION	1390 PAGE
	М			
Fort Meade		MDW	NERO	125
Minor Construction		MINOR	OTHR	
Fort Myer		MDW	NERO	173
	P			
Planning and Design		PLNGDES	OTHR	
Fort Polk		FORSCOM	SWRO	103
	R			
Redstone Arsenal		AMC	SERO	3
Fort Richardson		USARPAC	PARO	11
Fort Riley		FORSCOM	NWRO	81
	S			
Schofield Barracks		USARPAC	PARO	57
Helemano Military Reservation		USARPAC	PARO	75
Fort Sill		TRADOC	SWRO	157
Fort Stewart		FORSCOM	SERO	47
	W 			
Fort Wainwright		USARPAC	PARO	17
Worldwide Various Locations		WORLDWD	OTHR	<u> </u>
			-	

REGION SUMMARY

A	UTHORIZATION	APPROPRIATION		
REGION OFFICE	REQUEST	REQUEST		
INSIDE THE UNITED STATES				
USA Installation Management Northeast Region Offic	e 133,100	90,100		
USA Installation Management Northwest Region Offic	e 43,900	91,900		
USA Installation Management Pacific Region Office	259,600	341,600		
USA Installation Management Southeast Region Offic	e 255,500	254,500		
USA Installation Management Southwest Region Office	e 122,500	122,500		
OUTSIDE THE UNITED STATES				
USA Installation Management Europe Region Office	199,600	199,600		
USA Installation Management Korea Region Office	115,000	105,000		
USA Installation Management Pacific Region Office	9,400	9,400		
WORLDWIDE				
USA Installation Management Region Office	178,700	321,410		
TOTAL	1,317,300	1,536,010		

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COMMAND SUMMARY

MAJOR ARMY COMMAND NAME	REQUEST	APPROPRIATION REQUEST
INSIDE THE UNITED STATES		
US Army Materiel Command US Army Forces Command US Army Training and Doctrine Command US Army Military District of Washington US Army Pacific	493,900 37,000	18,600
OUTSIDE THE UNITED STATES		
US Army Europe and Seventh Army Eighth United States Army US Army Strategic Missile Defense Command	199,600 115,000 9,400	105,000
WORLDWIDE		
Various US Army Major Commands-Worldwide Military Construction, Army Minor Planning and Design	0	178,700 20,000 122,710
TOTAL	1,317,300	1,536,010

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MILITARY CONSTRUCTION, ARMY

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

FISCAL YEAR	MILITARY CONSTRUCTION, ARMY <u>APPROPRIATIONS (\$)</u>
2004	1,536,010,000
2003	1,683,710,000
2002	1,764,536,000

1. <u>Major Construction</u>. The MCA major construction program is one of the most visible means of improving the working and living conditions of the Army. This program provides for military construction projects in the United States and overseas as authorized in currently effective Military Construction Acts and in this year's request for Authorizations and Appropriations.

This request funds the Army's most critical facilities needs within the context of Army Transformation and fiscal constraints. In the current year, investment is primarily directed toward facilities required for People, Readiness, and Transformation, such as troop housing, Stryker Brigade Combat Teams, and training ranges, along with construction necessary for environmental, revitalization, and mission essential requirements. Unlike prior years, the FY04 request does not include the Chemical Demilitarization Facilities program.

- 2. <u>Minor Construction</u>. Provision is made for construction of future unspecified projects that have not been individually authorized by law but are determined to be urgent requirements and do not cost more than the amounts specified in 10 USC 2805. Fiscal Year 1996 authorization language increased the amount specified for life, health, or safety threatening requirements to \$3 million. Projects awarded with these funds may not exceed \$1.5 million, or \$3.0 million if there is a threat to life, health, or safety.
- 3. <u>Planning</u>. This provides for necessary planning of military construction projects including design, host nation support, standards, surveys, studies, and other related activities. In general, design funds requested in fiscal year 2004 will be used to design future projects in the Army's fiscal years 2005 and 2006 programs.

Department of Defense

MILITARY CONSTRUCTION, ARMY

Fiscal Year 2004

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, \$1,536,010,000, to remain available until September 30, 2007: Provided, That of this amount, not to exceed \$122,710,000, shall be available for study, planning, design, architect and engineer services, and host nation support, as authorized by law, unless the Secretary of Defense determines that additional obligations are necessary for such purposes and notifies the Committees on Appropriations of both Houses of Congress of his determination and the reasons therefore.

Special Program Considerations Fiscal Year 2004

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.

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

Alternative Funding Sources for Overseas Projects

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

Construction and Basing Plans for New Major Army Weapon Systems

Section 2868 of Public Law 102-190, the fiscal year 1992 Authorization Act, directs the Department of Defense to provide a full siting plan for each new major weapon system when the first increment of military construction is requested and that full siting plans for the systems be provided with the annual budget request. The Army is fielding the Stryker Brigade Combat Teams (SBCTs) at the following locations:

SBCT	Unit	Location
1st	3/2 Infantry Brigade	Fort Lewis, WA (Moves to Germany in 2007)
2^{nd}	1/25 Infantry Brigade	Fort Lewis, WA
3rd	172nd Separate Infantry Brigade (SIB)	Fort Richardson and Fort Wainwright, AK
$4^{ m th}$	2 Cavalry Regiment (CR)	Fort Polk, LA
5 th	2/25 Infantry	Schofield Barracks, HI
6 th	56th Infantry Brigade 28 th Pa ARNG	Fort Indiantown Gap, PA, and local unit armories across Pennsylvania.

Items of Interest - Authorizing Committees

Armed Services Conference Report #107-772

Demonstration program on reduction in long-term maintenance costs (sec. 2813)

On page 752, the Conferees amended the fiscal year 2002 general provision that authorized the Secretary of the Army to enter into three contracts per year that would require a contractor to maintain a facility constructed for the Army for up to the first five years of operation of that facility and would include those costs as part of the construction cost of the project. Now, all services may include these long-term maintenance provisions in as many as 12 contracts during the 5-year demonstration. So far, the Army has designated the following projects:

Location	Description	Project Cost (\$ Millions)
Fiscal year 2002		
Fort Gillem, GA	Forensic Lab	29.0
Rochester, NH	Army Reserve Center/OMS	9.1
Fiscal year 2003		
Fort Lewis, WA	Battle Simulation Center	24.0
Fort Story, VA	Army Reserve Center/OMS	12.4
Topeka, KS	NG Armed Forces Reserve Center	14.6
Fiscal year 2004		
Fort Stewart, GA	Physical Fitness Training Center	15.5
Fort Meade, MD	Army Reserve Center	20.7
Lenoir, NC	NG Readiness Reserve Center	8.2

Minor Construction

On page 740, the Conferees directed the Army to make FY03 funds available out of the minor construction account for the following projects. (Also, House report #107-436, page 375)

			<i>Not less than:</i>	
<u>State</u>	<u>Location</u>	<u>Project</u>	(\$ thousands)	<u>Status</u>
NJ	Fort Dix	Road Construction	1,500	Pending legal review
NM	White Sands Missile Range	Sewage Plant Environmental Upgrades	- 1,050	Design underway

House Armed Services Conference Report #107-436

Planning and Design

On page 375, the Conferees directed the Army to provide funds for the design the following project.

			Not less than:		
<u>State</u>	<u>Location</u>	<u>Project</u>	(\$ thousands)	<u>Status</u>	
GY	Baumholder	Railhead	1,600	Congressional	
		Facility		notification	
		=			

PAGENO. xxiii

Items of Interest - Military Construction Appropriations Committees

House Appropriations Committee - Report #107-533

Planning and Design

On page 12, the Committee directed the Army to provide funds for the design the following project.

Not less than:

<u>State Location</u> <u>Project</u> <u>(\$ thousands)</u> <u>Status</u>

GA Fort Stewart Command & Control 1,600 Design underway

Facility

Minor Construction

On page 12, the Committee directed the Army to make FY03 funds available out of the minor construction account for the following projects:

Not less than:

State Location Project (\$ thousands) Status

NM White Sands Sewage Plant Upgrade 1,050 Design underway

Missile Range

Senate Appropriations Committee - Report #107-202

Real Property Maintenance Reporting Requirement

On page 15, the Committee directed the Services to continue to provide real property maintenance backlog information on the DD Form 1390 at all installations for which there is a requested project. In addition, for all troop housing requests, the DD Form 1391 is to continue to show all real property maintenance (RPM) conducted in the past two years, and all future requirements for unaccompanied housing at that location. The FY04 Budget justification documents provided this year comply with this guidance. Sustainment, Restoration and Modernization (SRM) funding (vice RPM) and requirements information is provided as requested.

Minor Construction

On pages 17-18, the Committee directed the Army to make FY03 funds available out of the minor construction account for the following projects:

			Not less than:	
<u>State</u>	<u>Location</u>	<u>Project</u>	(\$ thousands)	<u>Status</u>
AK	Fort Wainwright	Military Police Emerg	gency 1,500	Design underway
		Vehicle Storage Facili	ty	
AK	Fort Richardson	Military Police Emerg	gency 1,500	Design underway
	Ground	Vehicle Storage Facili	ty	
NM	White Sands	Kinetic Energy Missil	e 1,500	Design underway
	Missile Range	Complex		Ç ,
TX	Corpus Christi	Training Facility	925	Design underway
	Army Depot	zzvara. g z wemicy	, 20	z ee-gri unider way

Planning and Design

On page 17, the Committee directed the Army to provide funds for the design the following projects.

	Location Donnelly Training Area	<u>Project</u> Training & UAV Main tenance Support Fac	Not less than: (\$\frac{(\\$\ thousands)}{1,500}	<u>Status</u> Design underway
МО	Fort Leonard Wood	Weapons of Mass Des truction (WMD) First Responder Training Fa		Design underway

Planning and Design (Continued)

Not less than:

<u>State Location</u> <u>Project</u> <u>(\$ thousands)</u> <u>Status</u>

PA Letterkenny Storage Igloo Upgrade 390 Design underway

Depot

TX Camp Bullis Vehicle Maintenance Fac 900 Design underway

*Additionally, the Committee noted that WMD First Responder Training Facility project addresses an urgent, mission critical, and homeland security requirement and strongly encouraged the Army to advance this project into the fiscal year 2004 budget request. The Army could not include this project in the fiscal year 2004 budget request due to insufficient funds available.

Chemical Demilitarization

On pages 20 - 21, the committees noted that substantial investment has already been made in facilities at Newport and Aberdeen. If these structures are not needed for chemical demilitarization, the Committee expects the Department to maintain them until they can be converted to usable facilities. To this end, the Committee directed the Department to provide a report to the congressional defense committees no later than January 30, 2003, on alternative uses for the Aberdeen and Newport facilities if they are no longer required for chemical demilitarization. The Army requires additional time to complete these evaluations and will provide a report to the committees by March 31, 2003, and May 30, 2003, respectively.

DEPARTMENT OF THE ARMY FISCAL YEAR 2004

MILITARY CONSTRUCTION (PART I)

(DOLLARS ARE IN THOUSANDS)

STATE		INSTALLATION (COMMAND/REGION)				NEW/	
	PROJECT		AUTHOR:	IZATION .	APPROPRIATION	CURRENT	
	NUMBER	PROJECT TITLE	I	REQUEST	REQUEST	MISSION	PAGE
-1.1		7 1 (200 (000)					2
Alabama	l.	Redstone Arsenal (AMC/SERO)					3
	16443	Vibration Dynamic Test Facility		5,500	5,500	С	5
		Subtotal Redstone Arsenal PART I	\$	5,500	5,500		
		* TOTAL MCA FOR Alabama	\$	5,500	5,500		

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1	COMPONIENT	I Tona	7 2004 200E 1	ATT TUNDS	CONTOUR	TOTTON	DDCCDVM		Гот	حاسات		
Ι.	1. COMPONENT FY 2004-2005 MILITARY CONSTRUCTION PROGRAM									2. DATE		
	ARMY								06	5 FEB 2003		
Ļ		_										
3.	INSTALLATION AND LO	CATION	4. CON	MAND						AREA CONST		
									(COST INDEX		
	Redstone Arsenal		US Army Mat	ceriel C	command							
	Alabama		(Installati	ion Mana	igement 1	Acty, S	Southeast	Regio	n)	0	.85	
			I									
	6. PERSONNEL STRENG	TH: PERMAN	ENT	STUD	ENTS		SUI	PPORTED)			
		OFFICER ENLI	ST CIVIL OF	FICER E	NLIST C	IVIL (OFFICER E	ENLIST	CIVIL	TOTAL		
	A. AS OF 30 SEP 200	2 291 10	81 7387	31	1005	34	47	35	13524	23,435		
	B. END FY 2008	315 10	8394	23	812	33	47	34	13202	23,928		
-												
			7. 1	INVENTOR	RY DATA	(\$000)						
	A. TOTAL AREA		15,342 ha	a	(37,9	10 AC)						
	B. INVENTORY TOT	AL AS OF 30 S	SEP 2002					2,	517,125			
	C. AUTHORIZATION	NOT YET IN IN	IVENTORY						129,900			
	D. AUTHORIZATION	REQUESTED IN	THE FY 2004	PROGRAM	1				5,500			
	E. AUTHORIZATION	REQUESTED IN	THE FY 2005	PROGRAM	1				0			
	F. PLANNED IN NE	XT FOUR YEARS	(NEW MISSION	ONLY).					0			
	G. REMAINING DEF	'ICIENCY							179,890			
	H. GRAND TOTAL							2,	832,415			
	8. PROJECT APPROPRI	ATIONS REQUEST	ED IN THE FY	7 2004 P	ROGRAM:							
	CATEGORY PROJECT						CC	OST	DESIG	EN STATUS		
	CODE NUMBER		OJECT TITLE					000)		r complet	TF:	
		Vibration Dy		acility	7		(1)	5,500		01 05/200		
								-,			_	
					TOTZ	ΔT.		5,500				
								-,				
	9. FUTURE PROJECT A	PPROPRIATIONS:										
	CATEGORY						CC	OST				
	CODE	PR	OJECT TITLE				(\$0	000)				
	A. REQUESTED IN	THE FY 2005 F	PROGRAM: NON	Œ				,				
	~											
	B. PLANNED NEXT	FOUR PROGRAM	YEARS (NEW N	MISSION	ONLY):	NONE						
	C. DEFERRED SUS	TAINMENT, REST	ORATION, ANI) MODERN	IIZATION	(SRM)	: 14	13,005				
	10. MISSION OR MAJO	R FUNCTIONS:										
	Headquarters of	US Army Missi	le Command,	the pri	nciple (commod:	ity cente	er for	the rese	earch, dev	elopment,	
	and acquisition eff	-		_	-		-				_	
	Missile and Munitio					_					_	
	Home of the U.S Arm											
	Redstone Arsenal Ro	_						_	_			
	100101			3000	3011	- T-TOP						

COMPONENT ARMY	FY 2004-2005 MILITARY CONSTRUCTI	ON PROGRAM	2. DATE 06 FEB 2003
INSTALLATION	I AND LOCATION: Redstone Arsenal	Alabama	
11. OUTSTANDING POL	LUTION AND SAFETY DEFICIENCIES:	(\$0	00)
A. AIR POLLUTIO	NO.		0
B. WATER POLLUT			0
C. OCCUPATIONAL	SAFETY AND HEALTH		0
REMARKS :			
	cost to remedy the deficiencies in all existi	ng permanent and s	emi-permanent facilitie
	on is \$143,005,000, based on the Installation		
of October 2002.	in is viis,005,000, based on the installation	Beatab Report III.	ormacion on conarcions
or occoper 2002.			

1.COMPONENT										2.DATE			
	FY 2	004	MILI	TAF	X CO	NSI	RUCTION F	ROJ	ECT DATA				
ARMY										06	FEB 2003		
3.INSTALLATION AND LOCATION							4.PROJECT	TITLE		L			
Redstone Arser	nal												
Alabama							Vibratio	n D	ynamic Te	est Faci	st Facility		
5.PROGRAM ELEMENT		6.CAT	EGORY CODE		7.I	PROJ	ECT NUMBER				COST (\$000)		
					Auth				5,	5,500			
72896A			319		16443 Approp			5,	5,500				
		I		9	.COST	EST	CIMATES						
	ITEM			UM	(M/E)		QUAN	TITY					
PRIMARY FACILI	TY										3,495		
Lab Building w	/Barr	ier &	Crane	m2	(SF)		617.80	(6,650)	5,473	(3,381)		
Power Amplifie	er Bui	lding	ſ	m2	(SF)		80.27	(864)	713.53	(57)		
Building Infor	rmatio	n Sys	tems	LS							(57)		
SUPPORTING FAC	CILITI	E <u>S</u>									1,315		
Electric Servi	.ce			LS							(174)		
Water, Sewer,	Gas			LS							(183)		
Steam And/Or C	Chille	d Wat	er Dist	LS							(153)		
Paving, Walks,	Curb	s & G	utters	LS							(72)		
Storm Drainage	3			LS							(42)		
Site Imp(44	ll) De	mo(19)	LS							(460)		
Information Sy	rstems			LS							(176)		
Antiterrorism/	Force	Prot	ection	LS							(55)		
ESTIMATED CONT	RACT	COST									4,810		
CONTINGENCY PE	RCENT	(5.	00왕)								241		
SUBTOTAL											5,051		
SUPV, INSP & OVERHEAD (5.70%)										288			
DESIGN/BUILD - DESIGN COST										201			
TOTAL REQUEST										5,540			
TOTAL REQUEST (ROUNDED)										5,500			
INSTALLED EQT-OTHER APPROP										()			

10.Description of Proposed Construction Construct a vibration dynamic test facility with overhead crane (20 ton) and detached power amplifier building with an earth berm to meet safety requirements. Supporting facilities include utilities, electric service, steam, security lighting, apron, fencing, oil-water separator, fire protection and alarm systems, paving, entrance gate, storm drainage, sewer line, lift station, septic tank, potable and industrial water, information systems, and site improvements. Heating will be provided by connection to a central plant and air conditioning (30 tons) by a self-contained system. Access for the handicapped will be provided. Demolish two facilities (522 SF (48 SM)) and a loading dock. Anti-terrorism/force protection (AT/FP) measures include structural reinforcement, special windows and doors, and site measures. Supporting facilities cost is high due to the need for exterior lighting and an earthen safety berm.

11. REQ: 618 m2 ADQT: NONE SUBSTD: 48 m2

PROJECT: Construct a vibration dynamic test facility. (Current Mission)

REQUIREMENT: The US Army Redstone Technical Test Center is the designated test center for testing small rocket/missile systems and the components/sub-systems for Self-Propelled Projectile for larger rockets. Part

1.COMPONENT	FY	2004	MTT.TTARY	CONSTRUCTION	PROJEC	T DATA	2.DATE		
ARMY		2001		001121110011011	1110020		06	FEB 2	2003
3.INSTALLATION AN	D LOCATIO	N							
Redstone Arsen	ıal, Ala	.bama							
4.PROJECT TITLE					5	.PROJECT	NUMBER		
Vibration Dyna	mic Tes	t Fac:	ility				1	L6443	

REQUIREMENT: (CONTINUED)

of this mission is to test how well each of these systems stand up to the vibration, shock and rough handling encountered during military operations. This facility is required to safely conduct temperature controlled tests on large items of Army missiles and support equipment using increased capacity test equipment. The operational requirement to provide adequate safety distances from all other occupied structures dictates the project location. CURRENT SITUATION: Current vibration and shock test facilities do not provide the capability to conduct transportation dynamics simulation on large hazardous items. The current rough handling tests do not meet current testing standards. Existing facilities provide inefficient use of test equipment due to the dispersed location of multiple simulation systems, which cannot be accessed during hazardous operations. Tests of this nature cannot be conducted without adverse schedule and workload impacts.

IMPACT IF NOT PROVIDED: If this project is not provided, development of advanced missile systems will continue to be hindered by the lack of adequate test facilities and safety deficiencies. Without this facility, assessments of complex multi-warhead mobile systems will not be comprehensive. This will result in degradation of mission objectives and military readiness.

ADDITIONAL: This project has been coordinated with the installation physical security plan and all required physical security measures are included. All required anti-terrorism/force protection measures are included. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement. Sustainable principles will be integrated into the design, development, and construction of the project in accordance with Executive Order 13123 and other applicable laws and Executive Orders. JOINT USE CERTIFICATION: The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. This facility will be available for use by other components. A parametric cost estimate based upon project engineering design was used to develop this budget estimate.

12. SUPPLEMENTAL DATA:

- A. Estimated Design Data:
 - (1) Status:

(a)	Date Design Started	<u>AUG</u>	2001
(b)	Percent Complete As Of January 2003	2	20.00
(C)	Date 35% Designed	FEB	2004
(d)	Date Design Complete	MAY	2004
(e)	Parametric Cost Estimating Used to Develop Costs		YES

- (f) Type of Design Contract: Design-build
- (g) An energy study and life cycle cost analysis will be documented during the final design.
- (2) Basis:

1.COMPONENT			2.DATE			
	FY 2004 MILITARY CONSTRUCTION PROJE	CT DATA				
ARMY			06 FE	в 2003		
3.INSTALLATION A	ND LOCATION					
Redstone Arse	nal, Alabama					
4.PROJECT TITLE		5.PROJECT NU	JMBER			
Vibration Dyn	amic Test Facility		1644	43		
12. SUPPLEME	NTAL DATA: (Continued)					
	mated Design Data: (Continued)					
	(a) Standard or Definitive Design: NO					
	(a) Boardara of Berlingerve Bebright No					
(3)	Total Design Cost (c) = $(a)+(b)$ OR $(d)+(e)$	a):	(\$00	۱۵)		
(3)	(a) Production of Plans and Specification		` '	•		
	(b) All Other Design Costs					
						
	(c) Total Design Cost					
	(d) Contract					
	(e) In-house		• • •	280		
(4)	Construction Contract Award		.τΔΝ ′	2004		
(1)	Constitution Contract Award	,	··· <u>UAIV</u>	<u> 1001</u>		
(5)	Construction Start		MAY 1	2004		
(3)	Construction Start			<u> 1001</u>		
(6)	Construction Completion		MAY 3	2005		
(•)	00112012012011 0011.F1201201111111111111111111111111111					
B. Equi	pment associated with this project which v	will be pro	owided fro	⊃m.		
other appro		viii be pro	Ovided II	Jili		
other appro	priacions.		1 770000			
Tlama & +-	Dead accept to a		Fiscal Year Appropriated Cost			
Equipment	Procuring			Cost		
<u>Nomenclat</u>	ure Appropriation	<u>Or Red</u>	<u>quested</u>	<u>(\$000)</u>		
	NA					

Installation Engineer: William Avila

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DEPARTMENT OF THE ARMY FISCAL YEAR 2004 MILITARY CONSTRUCTION (PART I)

(DOLLARS ARE IN THOUSANDS)

STATE		INSTALLATION (COMMAND/REGION)				NEW/	
	PROJECT		AUT	HORIZATION	APPROPRIATION	CURRENT	
	NUMBER	PROJECT TITLE		REQUEST	REQUEST	MISSION	I PAGE
Alaska		Fort Richardson (USARPAC/PARO)					11
	53513	Barracks Complex - D Street Ph 3		0	33,000	C	13
		Subtotal Fort Richardson PART I	\$	0	33,000		
		Fort Wainwright (USARPAC/PARO)					17
	53401	Multi-purpose Training Range Complex		47,000	47,000	N	19
	55847	Military Operations on Urban Terrain		11,200	11,200	N	22
	56921	Pallet Processing Facility		16,500	16,500	N	25
	56922	Ammunition Supply Point Upgrade		10,600	10,600	N	28
	56951	Alert Holding Area Facility		32,000	32,000	N	31
	58048	Barracks Complex - Luzon Avenue		21,500	21,500	N	34
		Subtotal Fort Wainwright PART I	\$	138,800	138,800		
		* TOTAL MCA FOR Alaska	\$	138,800	171,800		

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ARMY B. INSTALLATION		Y 2004-2005 MILITARY CONS	TRUCTION PR	OGRAM	2. DA	
. INSTALLATION					06	FEB 2003
	I AND LOCATION	4. COMMAND				REA CONSTRUCTION
Fort Richard	lson	US Army Pacific				
Alaska		(Installation Managemer	nt Acty, Pac	ific Region	.)	1.68
6. PERSONNEI	STRENGTH: PERMA	NENT STUDENTS		SUPPORTE	D	
	OFFICER ENL	IST CIVIL OFFICER ENLIST	CIVIL OFF	ICER ENLIST	CIVIL	TOTAL
A. AS OF 30	SEP 2002 201 2	081 813 0 37	7 0	21 56	1151	4,360
B. END FY 20	008 209 1	721 756 0 37	7 0	19 51	1081	3,874
		7. INVENTORY DAT	(\$000)			
A. TOTAL	AREA	29,572 ha (73	3,074 AC)			
B. INVENT	ORY TOTAL AS OF 30	SEP 2002		2	,902,763	
C. AUTHOR	ZIZATION NOT YET IN I	NVENTORY			122,861	
D. AUTHOR	IZATION REQUESTED IN	THE FY 2004 PROGRAM			0	
E. AUTHOR	IZATION REQUESTED IN	THE FY 2005 PROGRAM			25,350	
F. PLANNE	D IN NEXT FOUR YEARS	(NEW MISSION ONLY)	• • • • • • • • • • • • • • • • • • • •		0	
G. REMAIN	ING DEFICIENCY		• • • • • • • • • • • • • • • • • • • •		57,250	
H. GRAND	TOTAL			3	,108,224	
8. PROJECT A	APPROPRIATIONS REQUES	TED IN THE FY 2004 PROGRA	: M			
CATEGORY	PROJECT			COST	DESIGN	N STATUS
CODE	NUMBER P	ROJECT TITLE		(\$000)	START	COMPLETE
721	53513 Barracks Co	mplex - D Street Ph 3		33,000	05/2002	2 11/2003
		ר	TOTAL	33,000		
9. मगागास स	ROJECT APPROPRIATIONS	:				
CATEGORY				COST		
CODE	P	ROJECT TITLE		(\$000)		
A. REOUE	STED IN THE FY 2005	PROGRAM:				
	Vehicle Mai	ntenance Facility		2,450		
214	Range			2,500		
214	Digital Mul	ti-Purpose Training Range	į	13,000		
214 178	Digital Mul Barracks	ti-Purpose Training Range	ż	13,000 7,400		
214 178 178			OTAL			
214 178 178 721	Barracks		TOTAL	7,400		

ARMY	FY 2004-2005 MILITARY CONSTR	RUCTION PROGRAM	2. DATE 06 FEB 2003
INSTALLATION	AND LOCATION: Fort Richardson	Alaska	
11. OUTSTANDING POL	LUTION AND SAFETY DEFICIENCIES:	(600	200
A. AIR POLLUTIO	MT	(\$00	0
B. WATER POLLUT			0
	SAFETY AND HEALTH		0
	ost to remedy the deficiencies in all exn is \$262,385,000, based on the Installa		

1.COMPONENT									2.DATE	
	FY 2	004 MIL I	LTAF	RY C	ONST	RUCTION P	ROJ	ECT DATA		
ARMY						14 220 22 2			06	FEB 2003
3.INSTALLATION AN		ION				4.PROJECT T	TILLE	i		
Fort Richardso	n						~	, .		71 2
Alaska		T ====================================				Barracks	Cor			
5.PROGRAM ELEMENT		6.CATEGORY CODE		7	.PROJ	ECT NUMBER			COST (\$00)())
								Auth Approp		
22696A		721		2 2 2 2		53513		Approp	33,	000
			9).cos	T EST	TIMATES				
	ITEM		UM	I (M/E	Z)	QUANT	TITY			
PRIMARY FACILI	TY									22,624
Barracks				(SF		5,025				
Battalion Head								27,104)		
Company Operat	ions :	Facilities	m2	(SF)	1,603	(17,255)	2,282	(3,658)
IDS Installati	.on		LS							(60)
Antiterrorism	Force	Protection	LS							(768)
Building Infor	matio	n Systems	LS							(257)
SUPPORTING FAC	LILITI	<u>ES</u>								7,314
Electric Servi	.ce		LS							(887)
Water, Sewer,	Gas		LS							(192)
Paving, Walks,	Curb	s & Gutters	LS							(305)
Site Imp(1,59			LS							(5,527)
Information Sy			LS							(403)
IIII OI MACION DI	Decino									(103)
ESTIMATED CONT	1D 7 CIT	OOCT.	 		_					29,938
CONTINGENCY PE	KCENI	(5.00%)								1,497
SUBTOTAL		(6 500)								31,435
SUPV, INSP & C)VERHE.	AD (6.50%)								2,043
TOTAL REQUEST										33,478
TOTAL REQUEST		· ·								33,000
INSTALLED EQT-	OTHER	APPROP								()
10.Description of Propo	sed Const	truction This	3 CC	ompl	ex w	as author:	ize	d in FY	2002 for	\$97
million. Appro	priat	ions received	d to	o da	te i	nclude \$4	5 m:	illion i	n FY 200	2 and
\$21 million in	ı FY 2	003. A \$2 mi	llic	on a	utho	rization	inc	rease is	request	ed in
the authorizat										
medium battali										•
operations fac		_								orting
facilities inc										
protection and										
gutters; parki										
and contouring										
_		-							_	
provided. Supp										
including seve										ss.
Anti-terrorism										
structural rei										
Comprehensive										uired.
Heating will b	e pro	vided by star	nd a	alon	e ga	s-fired h	eat:	ing syst	ems.	
11. REQ:		619 PN ADQT	Γ:	_		487 PN	SI	JBSTD:		132 PN

1.COMPONENT	FY 2004	мтт.ттару	CONSTRUCTION	DRO.TEC'	מידברו י	2.DATE			
ARMY	F1 2004	MIDITARI	CONBIROCTION	FROOEC.	DAIA	06 FEB 200	03		
3.INSTALLATION AND	LOCATION								
Fort Richardson, Alaska									
4.PROJECT TITLE				5.	PROJECT 1	NUMBER			
Barracks Comple	ex - D Street	ph 3				53513			

<u>REQUIREMENT:</u> This project is required to provide living and working conditions for soldiers that meet current standards. Maximum and intended utilization is 144 soldiers.

<u>CURRENT SITUATION:</u> The existing gang latrine barracks are nearly 50 years old and are severely deteriorated. The existing operational facilities are too small and located in the barracks; and the administrative facilities have inefficient layouts, and are too small and dispersed.

IMPACT IF NOT PROVIDED: If this project is not provided, soldiers will continue to live and work in substandard and deteriorated facilities, which will adversely impact morale, retention, and readiness.

ADDITIONAL: This project has been coordinated with the installation physical security plan and all required physical security measures are included. Also, all required anti-terrorism/force protection (AT/FP) measures are included. An economic analysis has been prepared and utilized in evaluating this project. This project is the most cost-effective method to satisfy the requirement. Sustainable principles will be integrated into the design, development, and construction of the project in accordance with Executive Order 13123 and other applicable laws and Executive Orders. JOINT USE CERTIFICATION: The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. Mission requirements, operational considerations, and location are incompatible with use by other components. During the past two years, \$1.2M has been spent on sustainment, restoration and modernization (SRM) (formerly known as Real Property Maintenance) of unaccompanied enlisted personnel housing at Fort Richardson. Upon completion of this project, there will be no remaining unaccompanied enlisted permanent party personnel deficit at this installation. A parametric cost estimate based upon project engineering design was used to develop this budget estimate.

12. SUPPLEMENTAL DATA:

- A. Estimated Design Data:
 - (1) Status:

(a)	Date Design	Started.	 	<u>MAY 2002</u>

- (b) Percent Complete As Of January 2003..... 35.00

- (e) Parametric Cost Estimating Used to Develop Costs ____<u>YES</u>
- (f) Type of Design Contract: Design-bid-build
- (g) An energy study and life cycle cost analysis will be documented during the final design.
- (2) Basis:
 - (a) Standard or Definitive Design: YES
 - (b) Where Most Recently Used: Fort Richardson

1.COMPONENT				2.DATE	
i	FY 2004	MILITARY CONSTRUCTION I	PROJECT DATA		_
ARMY				06 FE	EB 2003
3.INSTALLATION AN	ID LOCATION				
Fort Richards	on, Alaska				
4.PROJECT TITLE			5.PROJECT	NUMBER	
İ					
Barracks Compl	lex - D Street	Ph 3		535	513
	/ 0				
	NTAL DATA: (Con				
A. Estir	mated Design Da	ita: (Continued)			
(2)		· · · · · · · · · · · · · · · · · · ·		/ 4/	\
(3)	_	Cost(c) = (a) + (b) OR(c)		· · ·	000)
		on of Plans and Specific			
		Design Costs			
		sign Cost			
	(d) Contract.			· · · ·	100
	(e) In-house.			1	L,640
(4)	Construction C	Contract Award		<u>FEB</u>	2004
(= \	Construction (14 4.		MAD	2004
(5)	Construction S	Start		···· <u>Mak</u>	2004
(6)	Construction C	Completion		<u>OCT</u>	2006
B. Equiports other approp		ed with this project wh	ich will be p	rovided fr	com
			Fisc	al Year	
Equipment		Procuring		opriated	Cost
Nomenclati	ura	Appropriation		<u>equested</u>	(\$000)
IVOINCITCIACO	<u> 11 C</u>	What oht tactou	<u>01 10</u>	equebeca	10007
		NA			

Installation Engineer: Frank Hall

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. (COMPONENT	F	TY 2004-2005 MILI	TARY (CONSTRU	CTION PR	OGRAM		2. DA	Œ
ì	ARMY								06 1	FEB 2003
	INSTALLATION AND LC	CATTON	4. COMMAN						5 70	EA CONSTRUCTION
•	INSTALLATION AND LC	CATION	T. COMPAN	D						EA CONSTRUCTION ST INDEX
]	Fort Wainwright		US Army Pacifi	C)1 11U211
	Alaska		(Installation		ement A	cty, Pac	ific Re	gion)		2.03
	5. PERSONNEL STRENG	TH: PERMA	NENT	STUDEN	NTS		SUPP	ORTED		
			LIST CIVIL OFFIC							TAL
	A. AS OF 30 SEP 200		1055 655	0	0	0	8	42	1111	6,415
]	3. END FY 2008	601 4	1463 685	0	0	0	1	0	1046	6,796
			7. INVE	NTORY	DATA (\$000)				
	A. TOTAL AREA		647,782 ha	(1,	,600,69	8 AC)				
	B. INVENTORY TOT	AL AS OF 30	SEP 2002					3,6	507,565	
	C. AUTHORIZATION	NOT YET IN I	INVENTORY					2	235,886	
	D. AUTHORIZATION	REQUESTED IN	THE FY 2004 PRO	GRAM				-	L38,800	
	E. AUTHORIZATION	REQUESTED IN	THE FY 2005 PRO	GRAM					92,000	
	F. PLANNED IN NE	XT FOUR YEARS	(NEW MISSION ON	LY)					0	
	G. REMAINING DEF	CICIENCY							19,210	
	H. GRAND TOTAL							4,0	093,461	
	3. PROJECT APPROPRI	ATIONS REQUES	STED IN THE FY 20	04 PRC	XRAM:					
	CATEGORY PROJECT						COS	Т	DESIGN	STATUS
	CODE NUMBER	F	PROJECT TITLE				(\$00	0)	START	COMPLETE
	178 53401	Multi-purpo	se Training Rang	e Comp	olex		47	,000	12/2001	12/2003
			perations on Urba	_			11	,200	11/2001	09/2003
	141 56921	Pallet Proc	essing Facility				16	,500	11/2001	10/2003
	141 56951	Alert Holdi	ng Area Facility				32	,000	11/2001	10/2003
	141 56922	Ammunition	Supply Point Upg	rade			10	,600	11/2001	07/2003
	721 58048	Barracks Co	omplex - Luzon Av	enue			21	,500	05/2002	09/2003
					TOTA	L	138	,800		
). FUTURE PROJECT A	PPROPRIATIONS	3:							
	CATEGORY						COS	Т		
	CODE		PROJECT TITLE				(\$00	0)		
	A. REQUESTED IN									
	179		Record Fire Range					,000		
	721		mplex - Santiago					,500		
	721		omplex - Neeley R					,000		
	179	Combined Ar	ms Collective Tr	aining	g Facil	ity	20	,500		
					TOTA	L	92	,000		
	B. PLANNED NEXT	'FOUR PROGRAM	YEARS (NEW MISS	ION ON	TY):	NONE				
	C. DEFERRED SUS	TAINMENT, RES	STORATION, AND MO	DERNI 2	ZATION	(SRM):	516	,938		

1.	COMPONENT ARMY	FY 2004-2005 MILITARY CONSTRU	JCTION PROGRAM	2. DATE 06 FEB 2003
	INSTALLATION	AND LOCATION: Fort Wainwright	Alaska	
		R FUNCTIONS: houses and provides installation support the 6th Infantry Division (Light).	for Headquarters, 2nd	Brigade, and the
	11. OUTSTANDING POL	LUTION AND SAFETY DEFICIENCIES:	(\$00)	2)
	A. AIR POLLUTIO	N	(500)	0
	B. WATER POLLUT			0
	C. OCCUPATIONAL	SAFETY AND HEALTH		0
		ost to remedy the deficiencies in all exi n is \$516,938,000, based on the Installat		

1.COMPONENT						_~	2.DATE	
7 7 7 47 7	FY 2	004 WILLI	[TAI	SY CO	NSTRUCTION PROJ	ECT DATA		. === 0003
ARMY 3.INSTALLATION AN	ד ז.טטאַדי	TOM			4.PROJECT TITLE	,	Uσ	5 FEB 2003
Fort Wainwrigh		1010			1.1100201 11122	1		
Alaska	11				Multi-purpo	co Troin	ina Pana	o Complex
5.PROGRAM ELEMENT	·	6.CATEGORY CODE		7	PROJECT NUMBER		rng kang COST (\$00	
5.PKUGRAM ELEMENI		6.CAIEGORI CODE		/ • ·	PROJECT NUMBER	8.PROJECT Auth		
000107		170			F2401	Approp	•	000
22212A		178	С	COST	53401 ESTIMATES	-11 -1	4/,	000
DDIMADV DACII	ITEM		UM	(M/E) QUANTITY			29,121
PRIMARY FACILI								
Battle Area Co	mprex		LS	/ O.T. \		7 F00)		(25,597)
AAR and ROC	7 00	7 74		(SF)				
Ops/Storage an				(SF)		2,280)		
Latrine (6 Per			EA	/ O.T. \	2	252)	152,906	
Ammo Breakdown		_		(SF)	23.41 (252)	•	
Building Infor			LS					(156)
SUPPORTING FAC		<u>ES</u>						13,353
Electric Servi		- ~	LS					(4,285)
Paving, Walks,		s & Gutters	LS					(3,892)
Storm Drainage		,	LS					(1,922)
Site Imp(1,50			LS					(1,501)
Information Sy	stems		LS					(1,753)
ESTIMATED CONT								42,474
CONTINGENCY PE	ERCENT	(5.00%)						2,124
SUBTOTAL								44,598
SUPV, INSP & C	OVERHE.	AD (6.50%)						2,899
TOTAL REQUEST								47,497
TOTAL REQUEST								47,000
INSTALLED EQT-	-OTHER	APPROP						(8,357)
	3 **********	Conc] fina Data	1 - 7200	C1 orr	
designed for gunnery training and qualification requirements of the weapon systems of the Brigade Combat Team (BCT) and consisting of an after action review facility, vehicle maintenance shop, range operations center, control tower, warming facility/covered mess, latrines, loading/unloading ramp, and bleacher enclosure. Access road (4 miles) will be included in this project. Supporting facilities include electric service, exterior lighting, water well, water distribution lines, septic tank and drain field, fencing, parking, hardstand, information systems, and site improvements. Targetry and targetry systems will be funded by other procurement, Army (OPA). Access for the handicapped will be provided. Supporting facilities cost is high due to the length of overhead and underground electrical lines, fiber optic cabling, and roadways, and the quantities of earthwork.								
11. REQ: PROJECT: Cons (New Mission)	struct	1 EA ADQT a live-fire,		attle	NONE Si Area Complex in	UBSTD: n Donelly	y Traini	NONE .ng Area.

1.COMPONENT	EV '	2004	MTT.TTADV	CONSTRUCTION	DDO.TEC'	מיד ברו	2.DATE		
ARMY	FI 2	2004	MIDIIANI	COMBIROCITON	INOUEC	DAIA	06	FEB	2003
3.INSTALLATION AND	D LOCATION	1							
Fort Wainwrigh	ıt, Alas}	ka							
4.PROJECT TITLE					5	PROJECT 1	NUMBER		
Multi-purpose	Training	g Range	e Complex					53401	1

<u>REQUIREMENT:</u> This project is required to provide a range to train and test BCT crews and dismounted infantry platoons on the skills necessary to detect, identify, engage and defeat stationary and moving targets in a tactical array. It is also required to support training with sub-caliber and/or laser training devices.

CURRENT SITUATION: There is no multi-purpose training complex available capable of supporting U.S. Army Alaska units in the conduct of BCT gunnery and maneuver training. Similarly, ranges providing realistic dismounted infantry platoon level training against stationary and movable targets are not available. Those assets that are available are inadequate in size, configuration to support training needed to attain and maintain necessary proficiencies. Additionally, significant training time is lost due to the requirement for unit and range control personnel to set up and remove portable targetry.

IMPACT IF NOT PROVIDED:
If this project is not provided, a modern, multipurpose range complex providing realistic BCT and dismounted infantry training will not be available to support transitional and non-transitional units. Required levels of gunnery will not be achieved and readiness degraded. This project has been coordinated with the installation physical security plan, and all physical security measures are included. No anti-terrorism/force protection measures are required. Alternative methods of meeting this requirement have been explored during period development. This project is the only feasible option to meet the requirement. Sustainable principles will be integrated into the design, development, and construction of the project in accordance with Executive Order 13123 and other applicable laws and Executive Orders. JOINT USE CERTIFICATION: The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. This facility will be available for use by other components. A parametric cost estimate based upon project engineering design was used to develop this budget estimate.

12. SUPPLEMENTAL DATA:

- A. Estimated Design Data:
 - (1) Status:

(a)	Date Design Started	<u>DEC 2001</u>
(b)	Percent Complete As Of January 2003	35.00
(c)	Date 35% Designed	<u>JAN 2003</u>
(d)	Date Design Complete	DEC 2003
(e)	Parametric Cost Estimating Used to Develop Costs	YES

- (f) Type of Design Contract: Design-bid-build
- (g) An energy study and life cycle cost analysis will be documented during the final design.
- (2) Basis:
 - (a) Standard or Definitive Design: NO

1.COMPONENT	TW 0004 WILLIAM GONGERIGHTON PROT	.cm	2.DATE			
ARMY	FY 2004 MILITARY CONSTRUCTION PROJE	CT DATA	06 FE	B 2003		
3.INSTALLATION AN	D LOCATION					
Fort Wainwrigh	nt Alagka					
4.PROJECT TITLE	ic, Alaska	5.PROJECT N	5.PROJECT NUMBER			
Multi-purpose	Training Range Complex		534	01		
	TTAL DATA: (Continued) nated Design Data: (Continued)					
(3)	Total Design Cost (c) = (a)+(b) OR (d)+(e) (a) Production of Plans and Specification (b) All Other Design Costs	ons	<u>2</u> <u>1</u> <u>3</u>	.,500 3,700		
(4)	Construction Contract Award		<u>MAR</u>	2004		
(5)	Construction Start		<u>APR</u>	2004		
(6)	Construction Completion		<u>OCT</u>	2006		
B. Equipother approp	oment associated with this project which voriations:	_		com		
			al Year			
Equipment Nomenclatı	Procuring Appropriation		opriated equested	Cost (\$000)		
Nomencial	APPIOPITACION	OT KE	<u>-questeu</u>	75000)		
Targetry	OPA	2005	5	8,293		
Info Sys - I		2005		35		
Info Sys - I	PROP OPA	2005		29		
		TOT	ΓAL	8,357		

Installation Engineer: Frank Hall

1.COMPONENT								2.DATE	
	Y 2004	MIL	ITARY	CONSI	RUCTION I	PROJE	CT DATA		0000
ARMY 3.INSTALLATION AND L	OCATION				4.PROJECT	יי דיייד די		06	FEB 2003
	OCATION				4.PROJECT	TITTE			
Fort Wainwright					744744				- m
Alaska 5.PROGRAM ELEMENT	6 GA EE	GORY CODE	1	Military Operations on Urban 7.PROJECT NUMBER 8.PROJECT COST (\$000					
5.PROGRAM ELEMENT	6.CATE	JORI CODE	1	7.PROU	ECI NUMBER		Auth		•
22212A		170			FF047		Approp	11,	
ZZZIZA		178	9 0		55847			11,	200
			,						
PRIMARY FACILITY			UM (I	M/E)	QUAN	TITY			6,678
			T: 7		1			3550611	=
Infantry Squad B		irse	EA						(3,551)
Urban Assault Co	urse		EA		_			1979996	
Breach Facility			EA					488,448	(488)
Shoot House	+		EA		Τ.			532,775	(533)
Building Informa	tion Syst	ems	LS						(126)
GUDDODETNO ENGLI	TUTUC								3,310
SUPPORTING FACIL Electric Service			T 0						
			LS						(1,019)
Paving, Walks, C	urbs & Gu	ltters	LS						(635)
Storm Drainage	D /	`	LS						(126)
Site Imp(1,233))	LS						(1,233)
Information Syst	ems		LS						(297)
ESTIMATED CONTRA	OT COCT								9,988
		١, ٥, ٥, ١							
CONTINGENCY PERC	ENI (5.0	106)							499
SUBTOTAL	DIIDAD / (10,487
SUPV, INSP & OVE	RHEAD (C	0.506)							682
TOTAL REQUEST	OTMIDED /								11,169
TOTAL REQUEST (R		ND.							11,200
INSTALLED EQT-OT	HER APPRO)P							(1,497)
10.Description of Proposed	G	Con	1 + 2011 0 1	<u> </u>	ve-fire 1	Tnfan	true Cons	od Dattl	<u> </u>
Course, Urban As									
Breakdown Facili									
Action Review (A									
will be controll									
utilities, elect									
systems. Heating									
radar feed from									
Army (OPA). Supp									
power distributi	on capili	ig and o	ucts	and e	eartnwork	to p	repare t	the site	•
11 DEO:	1 E	A ADO	r·		NONE	CII	BSTD:		NONE
11. REQ:		-		0 + 207 F				Inhan Ag	
PROJECT: Constr								orball AS	sauıl
Course (UAC), Sh								ın to a	124
REQUIREMENT: T									
sized, modified									
units of the US Reserve and Nati									

1.COMPONENT	FY 2004	MTT.TTARY	CONSTRUCTION	PROJEC	T DATA	Z.DAIE			
ARMY	11 2001	1111111111	COMBINGCITON	INCOL	J. D	06 FEB 2003			
3.INSTALLATION AN	D LOCATION								
Fort Wainwrigh	nt, Alaska								
4.PROJECT TITLE					5.PROJECT 1	IUMBER			
Military Opera	ations on Urba	n Terrain				55847			

REQUIREMENT: (CONTINUED)

suburban operations under simulated combat conditions. The facilities will provide "feeder" training for squad level and below to the ranges in the Donnelly Training Area.

<u>CURRENT SITUATION:</u> At present, USARAK does not have adequate training facilities in Fort Wainwright for troops to attain and maintain required proficiencies in urban operations, and in infantry tactics. The need is not being met.

IMPACT IF NOT PROVIDED: If this project is not provided, it will not be possible for units of USARAK to acquire and maintain required proficiencies in infantry tactics and operations in urban environments. Proficiency can only be achieved through repetitive realistic training under simulated combat conditions.

ADDITIONAL: This project has been coordinated with the installation physical security plan and all physical security measures are included. No anti-terrorism force protection measures are required. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement. Sustainable principles will be integrated into the design, development, and construction of the project in accordance with Executive Order 13123 and other applicable laws and Executive Orders. JOINT USE CERTIFICATION: The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. This facility will be available for use by other components. A parametric cost estimate based upon project engineering design was used to develop this budget estimate.

12. SUPPLEMENTAL DATA:

- A. Estimated Design Data:
 - (1) Status:

(a)	Date Design Started	NOV 2001
(b)	Percent Complete As Of January 2003	35.00
(c)	Date 35% Designed	<u>JAN 2003</u>
(d)	Date Design Complete	SEP 2003
(e)	Parametric Cost Estimating Used to Develop Costs	YES

- (f) Type of Design Contract: Design-bid-build
- (g) An energy study and life cycle cost analysis will be documented during the final design.
- (2) Basis:
 - (a) Standard or Definitive Design: NO

(3)	Tota	l Design Cost $(c) = (a)+(b)$ OR $(d)+(e)$:	(\$000)
	(a)	Production of Plans and Specifications	648
	(b)	All Other Design Costs	269
	(c)	Total Design Cost	917

1.COMPONENT				2.DATE	
	FY 2004 I	MILITARY CONSTRUCTION PROJ	ECT DATA		
ARMY				06 57	B 2003
3.INSTALLATION AN	ID I OCATION			00 F	7002 G
3.INSTALLATION AN	ID LOCATION				
Fort Wainwrigh	nt, Alaska		_		
4.PROJECT TITLE			5.PROJECT N	NUMBER	
Military Opera	ations on Urban	Terrain		558	347
12. SUPPLEMEN	NTAL DATA: (Con	tinued)			
A. Estir	mated Design Da	ta: (Continued)			
	_				581
	(C) III HOUSE.			· · · ·	330
(4)	Construction C	ontract Award		מיזים	2004
(4)	Construction Co	Officiact Award		···· <u>FED</u>	2004
(-)	Q	bb		MAD	2004
(5)	Construction S	tart		<u>MAR</u>	2004
(6)	Construction Co	ompletion		<u>JAN</u>	<u> 2006</u>
B. Equi	pment associated	d with this project which	will be pr	covided fr	com
other approp	priations:				
			Fisca	al Year	
Equipment		Procuring	Appro	priated	Cost
Nomenclati	ire	Appropriation		equested	(\$000)
Nomencia	<u>ar c</u>	<u> </u>	<u>01 100</u>	<u>equebeca</u>	10007
Targetry		OPA	2005	:	1,243
	~~~+	OPA	2005		207
Radar Equip					_
Info Sys - 1	ISC	OPA	2005	)	47
			TOT	TAL .	1,497

Installation Engineer: FRANK HALL

1.COMPONENT		2477		- 20	mr		/	·	2.DATE	
ARMY	<b>FY</b> 2	004 мттт	TAK	Y COr	NSTK	RUCTION PRO	(O) E(	T DATA		5 FEB 2003
3.INSTALLATION AN	D LOCAT	ION		-	4.PROJECT TITLE					
Fort Wainwrigh	nt									
Alaska						Pallet Pro	coces	ssing Fa	acility	
5.PROGRAM ELEMENT		6.CATEGORY CODE		7.F		CT NUMBER			COST (\$00	00)
	I							Auth		500
46029A	ļ	141				56921		Approp		500
1002311			9	COST	ESTI					300
	ITEM		τJM	(M/E)	1	QUANTI	ттү			<del></del>
PRIMARY FACILI				(1.1/ )	+		111		<del>                                     </del>	11,349
Pallet Process		acility	m2	(SF)		5,499 (	( [	59,191)	2,021	
Guard Shack	7111	_		(SF)		18.58 (		200)		
Building Infor	rmatio		LS	( 0 - ,						(191)
Durruring rincor	· IIIa c _ c.	I Dybeems	10							( - / - /
		•								
		•								
SUPPORTING FAC	ידד.דייד	<u></u> ਾ	+		+-					3,531
Electric Servi			LS			_				(274)
Water, Sewer,			LS							(84)
Steam And/Or C										(36)
Paving, Walks,			LS							(384)
Storm Drainage			LS						I	(5)
Site Imp( 2,10			LS							(2,103)
Information Sy	_		LS						ı I	(83)
Antiterrorism/			LS						ı I	(293)
Concrete Utili			LS		<u> </u>					(269)
ESTIMATED CONT										14,880
CONTINGENCY PE	ERCENT	(5.00%)								744
SUBTOTAL		į								15,624
SUPV, INSP & C	OVERHE	AD (6.50%)								1,016
TOTAL REQUEST		•								16,640
TOTAL REQUEST	(ROUN	DED)								16,500
INSTALLED EQT-										()
•		•								1
1		·								1
10.Description of Propo					_	let proces		_	_	:
building and p										
deployment wit										
scales, two-ti										
room, fire pro										
roads, and inf										
Supporting fac	ciliti	es include ut	ili	ties	; el	ectric se	ervio	ce; exte	erior li	.ghting;
paving, walks,	, curb	s and gutters	3; p	arkir	ng e	access	roa	ads; sto	orm drai	.nage;
information sy	/stems	; and site im	nprc	vemer	nts.	Anti-ter	rori	ism/for	ce prote	ction
(AT/FP) includ	les pe	rimeter fence	. s∈	curi!	ty,	guard sha	ack,	and but	ilding s	tandoff
landscaping. S	Site r	emediation is	₃ re	equir:	ed a	and will b	oe ac	ccompli	shed wit	h other
appropriations										
facilities cos										repare
the site.		- 2						-	_	
<u></u>										
11. REQ:		,499 m2 ADQT				NONE		BSTD:		NONE
<u>PROJECT:</u> Cons	struct	a Pallet Pro	ces	sing	Fac	ility. (N	1ew N	Mission	)	

1.COMPONENT						2.DATE		
ARMY	<b>FY</b> 2004	MILITARY	CONSTRUCTION	PROJEC	T DATA	06	5 FEB	2003
3.INSTALLATION AND	D LOCATION					•		
Fort Wainwrigh	ıt, Alaska							
4.PROJECT TITLE				5	.PROJECT	NUMBER		
Pallet Process	sing Facility						56921	_

REQUIREMENT: This project is required to support transformation of the US Army Alaska (USARAK) by providing a pallet processing facility for the proper handling and appropriate storage of palletized contingency supplies and equipment to be deployed with the transformed brigade. Without it the Installation will not be able to prepare the transformed brigade for rapid deployment. Due to the extremely harsh conditions of the arctic, it is essential these functions be performed in an enclosed, well heated and ventilated facility.

Currently, units draw materials from the installation CURRENT SITUATION: Directorate of Logistics (DOL) and transport them to the unit area to build and store contingency supplies. The unit areas used for storing the contingency supplies are scattered throughout the post. Contingency supplies are transported from unit areas throughout post to the unit motor pool areas for initial loading. Intermediate deployment processing of pallets is performed in a hangar. Cargo is weighed using portable scales inside the hangar and collocated with makeshift administrative areas using field tables. Additionally, faulty cargo is returned to the motor pool areas for corrective action. There is no covered facility in the immediate area to correct the cargo deficiency. Faulty cargo is removed from the hangar, requiring heavy transport and forklift support at the mobility complex and the unit area. Currently, there are no facilities available in Fort Wainwright to build and store the 200 contingency pallets required to support a transformed brigade. If this project is not provided, transformation of IMPACT IF NOT PROVIDED: the 172nd Infantry Brigade will be negatively impacted as existing facilities do not support the requirement to deploy within a 96-hour timeframe. If this project is not provided, the coordination of equipment, supplies and materials to the transport areas will require intensive handling and tracking at several locations across post causing delays and extending the process time needed for rapid deployment.

ADDITIONAL: This project has been coordinated with the installation physical security plan and all required physical security measures are included. Also, all required antiterrorism/force protection measures are included. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement. Sustainable principles will be integrated into the development, design, and construction of the project in accordance with Executive Order 13123 and other applicable laws and Executive Orders. JOINT USE CERTIFICATION: The Deputy Assistant Secretary of the Army (Installation and Housing) certifies that this project has been considered for joint use potential. This facility will be available for use by other components. A parametric cost estimate based upon project engineering design was used to develop this budget estimate.

1.COMPONENT					2.DATE	G.
	<b>FY</b> 20	004 <b>MIL</b> I	TARY CONSTRUCTION	PROJECT DA	ATA	
ARMY					C	06 FEB 2003
.INSTALLATION	AND LOCATION					
ort Wainwri	ght, Alaska	a				
.PROJECT TITLE				5.PROJ	JECT NUMBER	
						56001
Pallet Proce	ssing Facil	lity				56921
.2. SUPPLEM	ENTAL DATA:	:				
	imated Desi	_				
(1)	Status:					
	(a) Date	e Design :	Started			NOV 2001
	(b) Pero	cent Compi	lete As Of January	2003		40.00
			igned			
			Complete			
			ost Estimating Use		_	YES
		-	gn Contract: Desi	_		1
	_		udy and life cycle uring the final de	_	ysis Will	pe
	doct	ullericed a	aring the linar de	esign.		
(2)	Basis:					
	(a) Star	ndard or 1	Definitive Design:	NO		
(3)			(c) = (a)+(b) OR			(\$000)
			f Plans and Specif			
			sign Costs			
			Cost			
	1 1				_	960
	(e) III-I	nouse		• • • • • • • • • • • •		900
(4)	Construct	tion Cont	ract Award			JAN 2004
(5)	Construct	tion Star	<b></b>			MAR 2004
(6)	Construct	tion Compi	letion		• • • • • • • -	MAR 2005
B. Equ	ipment asso	ociated w	ith this project w	hich will k	oe provide	ed from
other appr			1 3		-	
<del>-</del>				I	Fiscal Yea	ır
Equipmen	t		Procuring	I	Appropriat	
Nomencla	<u>ture</u>		<u>Appropriation</u>	<u>(</u>	Or Request	<u>(\$000</u>
			277			
			NA			

Installation Engineer: Roger Green

1.COMPONENT	<b>137.</b> 0	004		377 (70)	NT CIT	DUGETON DD	O TE	Cm D3 m3	2.DATE		
ARMY	<b>FY</b> 2	004 <b>MILI</b>	LIAN	ar Coi	ИБТ	RUCTION PRO	OU E	CT DATA	06	FEB 2	003
3.INSTALLATION AND	D LOCAT	ION				4.PROJECT TI	TLE		00	ren 2	003
Fort Wainwrigh		20									
roit wainwiigh Alaska	10					Ammunition	n S	ייים ער Pc	vint Upa	rade	
5.PROGRAM ELEMENT		6.CATEGORY CODE	:	7.F	ROJ	ECT NUMBER		8.PROJECT			
J.1110010111		0.0111100111 0011			100	ECI NOLLELI		Auth	10,		
46029A		141				56922		Approp	10,		
10027A			9	COST	EST	TIMATES			±0,	000	
	ITEM		UM	(M/E)	T	QUANTI	ттү				
PRIMARY FACILI			<del>                                     </del>	(*-,	$\dagger$	∞ -				4	,313
Uploading Faci			m2	(SF)		901.07 (		9,699)	2,325		,095)
Scale House	-			(SF)		696.59 (			2,136		,488)
Ammo Storage B	unker			(SF)		356.75 (		3,840)	1,739		(621)
Building Infor			LS	•			_	,			(109)
<u> </u>		<u>.</u>									`
SUPPORTING FAC	LITI	<u>ES</u>			†					5	,116
Electric Servi	.ce		LS				_				(575)
Water, Sewer,	Gas		LS				_				(122)
Steam And/Or C	hille	d Water Dist	LS				_				(86)
Paving, Walks,	Curb	s & Gutters	LS				_				(699)
Storm Drainage	į		LS				_				(67)
Site Imp( 2,17	2) Dei	mo( )	LS				_			(2	,172)
Information Sy	rstems		LS				_				(355)
Antiterrorism/	Force	Protection	LS				_				(294)
Utilidor			LS								(746)
ESTIMATED CONT	RACT	COST			T					9	,429
CONTINGENCY PE	RCENT	(5.00%)									471
SUBTOTAL										9	,900
SUPV, INSP & C	VERHE.	AD (6.50%)									644
TOTAL REQUEST										10	,544
TOTAL REQUEST	(ROUN	DED)									,600
INSTALLED EQT-	OTHER	APPROP									( )
10.Description of Propo	sed Const	cruction Cons	stri	ıct a	n a	mmunition s	sup	ply poir	nt (ASP)	to	
include a scal											.d
facility; two	ammun	ition storage	e iç	jloos	, e	xterior vel	hic	le stagi	ng area	and	
lighting allow	ing 2	4 hour-operat	cior	ıs. A	11-	weather fac	.cil	ities ar	re requi	red.	
Project includ	les fi	re protection	ı, n	necha	nic	al ventila	tio:	n, and i	nformat	ion	
systems. Suppo	rting	facilities i	inc]	lude '	uti	lities; ele	ect	ric serv	rice; li	ghtnin	g
protection; pa	wing,	walks, curbs	s ar	ıd gu	tte	rs; parking	.g a:	nd acces	ss roads	; stor	m
drainage; info	rmati	on systems; a	and	site	im	provements	. H	eating a	and vent	ilatio	'n
will be provid	led. A	nti-terrorism	n/fc	orce i	pro	tection (A	T/F	P) measu	res inc	lude	
site perimeter	secu	rity and buil	ldir	ng sta	and	loff landsca	api	ng. Site	remedi	ation	is
required and w	ill b	e accomplish $\epsilon$	≥d v	vith	oth	er appropr	iat	ions. Su	apportin	g	
facilities cos	t is	high due to t	the	leng	th	of utility	se	rvice li	nes, pa	ving,	
information sy	rstems	service line	2S 6	and e	xte	nsive eart	hwo	rk requi	red to	prepar	e
the site.											
11. REQ:		,600 m2 ADQT		_		NONE		BSTD:		NONE	
<u>PROJECT:</u> Cons	truct	an ammunitio	n s	uppl	ур	oint. (New	Mi	ssion)			

1.COMPONENT	<b>FY</b> 2004	мтт.ттару	CONSTRUCTION	DRO.TEC	בידבר יו	2.DATE		
ARMY	11 2004	HILLIIMKI	CONSTRUCTION	INOUEC	. 2	06	FEB	2003
3.INSTALLATION AND	LOCATION			•		•	•	
Fort Wainwrigh	t, Alaska							
4.PROJECT TITLE				5	PROJECT I	NUMBER		
Ammunition Sup	ply Point Up	grade					56922	2

REQUIREMENT: This project is required to provide facilities including an ammunition supply point (ASP) to support transformation of the US Army Alaska (USARAK). This project is required to process military munitions loaded onto 600-700 tactical vehicles in preparation for strategic air deployment of the Transformed 172nd Infantry Brigade within a 96 hour deployment timeline. This facility is required to meet the Army's brigade task force deployment vision. CURRENT SITUATION: There are no facilities at Fort Wainwright supporting the deployment timeline of 96 hours. There is no ASP capable of supporting a large deployment. During the winter period of inclement weather, large scale ammunition upload operations would pose significant safety hazards due to the lack of adequate facilities.

IMPACT IF NOT PROVIDED: If this project is not provided, transformation of the 172nd Infantry Brigade at Fort Wainwright will be negatively impacted as the existing facilities do not support the 96-hour deployment requirement. ADDITIONAL: This project has been coordinated with the installation physical security plan and all required physical security measures are included. Also, all required antiterrorism/force protection measures are included. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement. Sustainable principles will be integrated into the development, design, and construction of the project in accordance with Executive Order 13123 and other applicable laws and Executive Orders. JOINT USE CERTIFICATION: The Deputy Assistant Secretary of the Army (Installation and Housing) certifies that this project has been considered for joint use potential. This facility will be available for use by other components. A parametric cost estimate based upon project engineering design was used to develop this budget estimate.

#### 12. SUPPLEMENTAL DATA:

- A. Estimated Design Data:
  - (1) Status:

(a)	Date Design Started	NOV 2001
(b)	Percent Complete As Of January 2003	35.00
/ \	D : 050 D : 1	0000

- (e) Parametric Cost Estimating Used to Develop Costs _____YES
- (f) Type of Design Contract: Design-bid-build
- (g) An energy study and life cycle cost analysis will be documented during the final design.
- (2) Basis:
  - (a) Standard or Definitive Design: NO

(3)	Tota	l Design Cos	t (c)	= (a) + (	b) OR	(d)+(e):	(\$000)
	(a)	Production	of Pla	ns and	Specif	ications	 550

1.COMPONENT				2.DATE	
	FY 2004 MILIT	ARY CONSTRUCTION PROJE	ECT DATA		
ARMY				06 FE	B 2003
3.INSTALLATION AN	D LOCATION				
Fort Wainwrigh	nt, Alaska				
4.PROJECT TITLE			5.PROJECT N	IUMBER	
Ammunition Sug	pply Point Upgrade			569	22
12. SUPPLEMEN	NTAL DATA: (Continue	ed)			
	mated Design Data: (				
A. ESCI	<del>-</del>	ost			700
	( /	• • • • • • • • • • • • • • • • • • • •			
	(e) In-house			• • •	100
(4)	Construction Contra	ct Award		··· FEB	2004
(5)	Construction Start.			APR	2004
( - )					
(6)	Construction Comple	tion		DEC	2005
( • )	construction compac				
		h this project which w	vill be pr	covided fr	·om
other approp	priations:				
			Fisca	al Year	
Equipment		Procuring	Appro	priated	Cost
Nomenclati	ıre	<u>Appropriation</u>		equested	(\$000)
2.002201440	<del></del>		<u> </u>		140007
		NT 7			
		NA			

Installation Engineer: Roger Green

1.COMPONENT								2.DATE	
1. COM ONEWI	<b>FY</b> 2	∩∩4 <b>мтт.</b> 1	таг		พรา	RUCTION PROJE	ברב האדא	Z.DAIE	
ARMY	2	001 11111			1101	ROCITON INCOL	ici biiiii	0.6	FEB 2003
3.INSTALLATION AN	D LOCAT	'TON				4.PROJECT TITLE		00	FEB Z003
Fort Wainwrigh		1014				I I I ROOLET TITLE			
	IL					71 11-1-1		717	_
Alaska 5.PROGRAM ELEMENT		C CAMPRODIZ CODE		Ι,,	200	Alert Holdin	19 Area 1 8.PROJECT		
5.PROGRAM ELEMENT		6.CATEGORY CODE		/.]	ROU	ECI NUMBER	Auth		
460007		1 41				5.6051	Approp		000
46029A		141		) GOGE	n on	56951	11991 09	32,	000
			9	.COST	EST	TIMATES			
	ITEM		UM	(M/E)		QUANTITY			
PRIMARY FACILI									21,290
Alert Holding		_		(SF)		8,944 (	96,271)	2,323	` ' '
Antiterrorism			LS						(220)
Building Infor	rmatio	n Systems	LS						(296)
SUPPORTING FAC	CILITI	<u>ES</u>							7,772
Electric Servi	Lce		LS						(501)
Water, Sewer,	Gas		LS						(19)
Steam And/Or (	Chille	d Water Dist	LS						(347)
Paving, Walks,	Curb	s & Gutters	LS						(123)
Storm Drainage	<u> </u>		LS						(29)
Site Imp( 2,48	39) De	mo( 3,835)	LS						(6,324)
Information Sy	stems		LS						(80)
Antiterrorism,	Force	Protection	LS						(320)
Concrete Utili	dor 5	'-0 X 5-0	LS						(29)
ESTIMATED CONT	TRACT	COST							29,062
CONTINGENCY PE	ERCENT	(5.00%)							1,453
SUBTOTAL									30,515
SUPV, INSP & C	OVERHE	AD (6.50%)							1,983
TOTAL REQUEST		•							32,498
TOTAL REQUEST	(ROUN	DED)							32,000
INSTALLED EQT-		•							()
	,								
			1						ı

Construct an Alert Holding Area to include 10.Description of Proposed Construction tactical vehicle processing facility with a vehicle inspection area, interior vehicle staging area, command and control area, administration area, break room, latrines and tactical vehicle weighing facility; exterior vehicle assembly area and lighting that will allow 24 hour-operations; and a fueling/defueling station with exterior lighting. Facilities include fire protection connected to the post alarm system, mechanical ventilation, high/low truck ramp, scale house, information systems, and an emergency power generator (OPA-funded). Supporting facilities include utilities; electric service; fire protection and alarm systems; paving, walks curbs and gutters; parking and access roads; storm drainage; information systems; and site improvements. Anti-terrorism/force protection (AT/FP) measures are included. Site remediation is required and will be accomplished with other appropriations. Access for the handicapped will be provided. Demolish one building(69,700 SF) with asbestos and lead paint removal. Supporting facilities cost is high due to exterior lighting, extensive earthwork required to prepare the site, and building demolition with asbestos and lead based paint abatement.

I.COMPONENT						Z.DAIE
	<b>FY</b> 2004	MILITARY	CONSTRUCTION	PROJEC	T DATA	
ARMY						06 FEB 2003
3.INSTALLATION AND	D LOCATION					
Fort Wainwrigh	ıt, Alaska					
4.PROJECT TITLE				5	.PROJECT	NUMBER
Alert Holding	Area Facility	•				56951

11. REQ: 8,944 m2 ADQT: NONE SUBSTD: 6,475 m2

<u>PROJECT:</u> Construct an Alert Holding Area. (New Mission)

REQUIREMENT: US Army, Alaska (USARAK) has been selected for transformation. This project will provide a facility for conducting pre-deployment functions to include Alert Holding Area (vehicle processing functions) in support of transformation. The Alert Holding Area will be utilized to perform the functions associated with an Army/Departure Arrival Airfield Control Group (A/DAACG) including inspection of vehicles for hazardous material, fuel status, size, volume, and weight; fuel/defueling operations; indoor staging area upon completion of inspections; and correction of minor deficiencies in frustrated vehicles. Due to the extremely harsh conditions of the arctic, it is essential these functions be performed in an enclosed, well heated and ventilated facility.

CURRENT SITUATION: Fort Wainwright currently provides stationing for elements of the 172nd Infantry Brigade. The 172nd is slated for transformation. This action will result in a reconfiguration of these units and the generation of a requirement for deployment facilities capable of conducting consolidated Brigade task force vehicle processing to meet a 96-hour deployment timeline. Currently, there is no capability to conduct consolidated Brigade task force vehicle processing required to meet a 96-hour deployment timeline. The existing hangar is not adequately ventilated to ensure proper air quality while vehicle inspections and chalk preparations are performed.

IMPACT IF NOT PROVIDED: If this project is not provided, the proposed facilities will have a detrimental impact on the transformation of the 172nd Infantry Brigade at Fort Wainwright. The existing facilities are not capable of handling the Army's requirement to deploy within a 96-hour timeline required upon the completion of Transformation. Without the use of independent motor pools, it is even more critical to have an Alert Holding Area facility capable of inspection of vehicles for hazardous material, fuel status, size and volume as well as weight; fuel/defueling operations; and an indoor area for staging.

ADDITIONAL: This project has been coordinated with the installation physical security plan and all required physical security measures are included. Also, all required anti-terrorism/force protection (AT/FP) measures are included. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement. Sustainable principles will be integrated into the development, design, and construction of the project in accordance with Executive Order 13123 and other applicable laws and Executive Orders. JOINT USE CERTIFICATION: The Deputy Assistant Secretary of the Army (Installation and Housing) certifies that this project has been considered for joint use potential. This facility will be available for use by other components. A parametric cost estimate based upon project engineering design was used to develop this budget

1.COMPONENT				2.DATE
		FY 2004 MILITARY CONSTRUCTION PROJE	CT DATA	
ARMY				06 FEB 2003
3.INSTALLATIO	UN AND	LOCATION		00 122 2003
J.INDIALLATIO	N AND	LOCATION		
Fort Wainw	right	t, Alaska		
4.PROJECT TIT	TLE		5.PROJECT N	NUMBER
77 11-7-1	7	Tarilina		F.C.O.F.1
Alert Hold.	ing <i>F</i>	area Facility		56951
ADDITIONAL	:	(CONTINUED)		
estimate.				
1.0 011001		33. D3.03.		
		CAL DATA:		
A. Es	stima	ated Design Data:		
( :	1) S	Status:		
	(	a) Date Design Started		NOV 2001
	•	b) Percent Complete As Of January 2003.		
	•	<del>-</del>		
	(	c) Date 35% Designed		
	(	d) Date Design Complete		<u>OCT 2003</u>
	(	e) Parametric Cost Estimating Used to I	Develop Co	osts YES
		f) Type of Design Contract: Design-bid		
	(	g) An energy study and life cycle cost	anaiysis	will be
		documented during the final design.		
( :	2) E	Basis:		
,		a) Standard or Definitive Design: NO		
	(	a) Standard of Definitive Design: No		
( :	3) 7	Cotal Design Cost (c) = $(a)+(b)$ OR $(d)+(e)$	e):	(\$000)
	(	a) Production of Plans and Specification	ons	1,335
	ĺ	b) All Other Design Costs		
		_		
		c) Total Design Cost		
	(	d) Contract		· · · · ·
	(	e) In-house	. <b></b> .	<u> </u>
( )	4) (	Construction Contract Award		.TAN 2004
(	<b>1</b> ) C	tonstruction contract Award		<u>UAN 2004</u>
(!	5) (	Construction Start		<u>MAR 2004</u>
( )	6) (	Construction Completion		APR 2006
( '	0, 0	Competence of Co		<u> </u>
B. E	quipn	ment associated with this project which w	vill be pı	rovided from
other app	propr	ciations:		
			Figas	al Year
Equipme		Procuring		opriated Cost
Nomenc:	latur	<u>Appropriation</u>	<u>Or Re</u>	<u>equested (\$000)</u>
		NA		
		± V.Z. X		

1.COMPONENT							2.DATE	
	<b>FY</b> 2	004 <b>MIL</b> :	ITAR	CONS	TRUCTION PROJ	ECT DATA		
ARMY							06	FEB 2003
3.INSTALLATION AN	D LOCAT	'ION			4.PROJECT TITL	E		
Fort Wainwrigh	nt							
Alaska					Barracks Co	mplex - I	Luzon Av	enue
5.PROGRAM ELEMENT	1	6.CATEGORY CODE	<u> </u>	7.PR	OJECT NUMBER	8.PROJECT		
						Auth	21,	500
22696A		721			58048	Approp	21,	500
			9.	COST E	STIMATES			
	ITEM		UM	(M/E)	QUANTITY	7		
PRIMARY FACIL	ITY							15,951
Barracks			m2	(SF)	5,184 (	55,800)	2,885	(14,955)
Antiterrorism	Force	Protection	LS					(689)
EMCS Connection	on		LS					(150)
Building Info	rmatio	n Systems	LS					(157)
SUPPORTING FAC	777 777	FC						3,276
Electric Servi		<u>F2</u>	LS					(155)
Water, Sewer,			LS					(349)
Steam And/Or (		d Water Digt						(1,008)
Paving, Walks			LS					(237)
Site Imp( 42			LS					(422)
Information Sy			LS					(185)
Antiterrorism,	-		LS					
Utilidor Exter			LS					(370) (550)
Utilidor Exter	ISTOIIS		го					(550)
ESTIMATED CONT	TRACT	COST						19,227
CONTINGENCY PR	ERCENT	(5.00%)						961
SUBTOTAL								20,188
SUPV, INSP & (	OVERHE	AD (6.50%)						1,312
TOTAL REQUEST								21,500
TOTAL REQUEST	(ROUN	DED)						21,500
INSTALLED EQT-	-OTHER	APPROP						( )
10.Description of Prop						_		rgy
monitoring and		-						
utilities; ele								
water distribu	ıtıon	and sanitary	and	scorn	ı water sewer	systems;	site ar	auliiq

monitoring and control systems (EMCS). Supporting facilities include utilities; electric service; site utility demolition; relocate and extend water distribution and sanitary and storm water sewer systems; site grading and contouring; exterior lighting; parking and recreational areas; paving, walks, curbs and gutters; erosion control measures; information systems; and site improvements. Access for the handicapped will be provided in public portions of the barracks only. Anti-terrorism/force protection (AT/FP) measures include structural reinforcement, special doors and windows, and site measures. Heat will be provided by a central heating and power plant. Comprehensive interior and furnishings related design services are required. High cost of the supporting facilities is due to the construction of the utilidors to enclose water and sewer systems from the harsh winter climate.

11. REQ: 1,613 PN ADQT: 935 PN SUBSTD: 678 PN

PROJECT: Construct a barracks building. (New Mission)

REQUIREMENT: This project is required to provide current standard living

<u>REQUIREMENT:</u> This project is required to provide current standard living conditions for soldiers. Maximum and intended utilization is 144 soldiers.

1.COMPONENT	EV	2004	MTT.TTADV	CONSTRUCTION	DDO.TE	מיים אים	Z.DATE
ARMY	FI	2004	MIDITARI	CONSTRUCTION	FROOE	CI DAIA	06 FEB 2003
3.INSTALLATION AN	D LOCATIO	N					
Fort Wainwrigh	nt, Alas	ska					
4.PROJECT TITLE						5.PROJECT	NUMBER
Barracks Compl	lex - Lu	ızon Av	venue				58048
4							

<u>CURRENT SITUATION:</u> The existing gang latrine barracks are nearly 50 years old and are severely deteriorated.

IMPACT IF NOT PROVIDED: If this project is not provided, soldiers will continue to live in substandard and deteriorated facilities, which will adversely impact morale, retention, and readiness.

This project has been coordinated with the installation physical ADDITIONAL: security plan and all physical security measures are included. All required anti-terrorist/force protection (AT/FP) measures are included. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement. Sustainable principles will be integrated into the design, development, and construction of the project in accordance with Executive Order 13123 and other applicable laws and Executive Orders. JOINT USE CERTIFICATION: The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. Mission requirements, operational considerations, and location are incompatible with use by other components. During the past two years \$2.4M has been spent on sustainment, restoration, and modernization (SRM) (formerly known as Real Property Maintenance) on unaccompanied enlisted personnel housing at Fort Wainwright. Upon completion of this project, the remaining unaccompanied enlisted permanent party personnel deficit will be 558 soldiers at maximum occupancy at this installation. A parametric cost estimate based upon project engineering design was used to develop this budget estimate.

#### 12. SUPPLEMENTAL DATA:

- A. Estimated Design Data:
  - (1) Status:

(a)	Date Design Started	<u>MAY 2002</u>
(b)	Percent Complete As Of January 2003	35.00
(c)	Date 35% Designed	<u>JAN 2003</u>
(d)	Date Design Complete	SEP 2003
(e)	Parametric Cost Estimating Used to Develop Costs	YES

- (f) Type of Design Contract: Design-bid-build
- (2) Basis:
  - (a) Standard or Definitive Design: YES
  - (b) Where Most Recently Used:
     Fort Wainwright

(3)	Tota	l Design Cost (c) = $(a)+(b)$ OR $(d)+(e)$ :	(\$000)
	(a)	Production of Plans and Specifications	1,100
	(b)	All Other Design Costs	423
	(c)	Total Design Cost	1,523
	(d)	Contract	809
	(e)	In-house	714

1.COMPONENT					2.DATE	
	FY 2	2004	MILITARY CONSTRUCTION	N PROJECT D	ATA	
ARMY					06 FEB	2003
3.INSTALLATION AN	ND LOCATION	Ī			<u> </u>	
Fort Wainwrigh	ht, Alask	۲a				
4.PROJECT TITLE				5.PRC	DJECT NUMBER	
Barracks Compl	lov - Inc	70n 71	roniio		5804	Q
Ballacks Comp.	Tex - Luz	ZOII AV	reliue		7004	0
12. SUPPLEMEN	אידיאד. האידיז	N	ontinued)			
A. Estir	mated Des	sign i	Data: (Continued)			
			_			
(4)	Construc	ction	Contract Award		<u>JAN 2</u>	<u>004</u>
(5)	Construc	ction	Start		<u>MAR 2</u>	<u>004</u>
(6)	Construc	ction	Completion		OCT 2	006
			-			
B. Equir	nmont age	rogiat	ed with this project	which will	he provided from	m
	_		ted with this project (	WIIICII WIII	be provided from	
other approp	priacions	· ·				
					Fiscal Year	
Equipment			Procuring		Appropriated	Cost
Nomenclati	<u>ure</u>		<u> Appropriation</u>		Or Requested	(\$000)
			NA			

Installation Engineer: Mr. Holtry

# DEPARTMENT OF THE ARMY FISCAL YEAR 2004

## MILITARY CONSTRUCTION (PART I) (DOLLARS ARE IN THOUSANDS)

STATE		INSTALLATION (COMMAND/REGION)				NEW/	
	PROJECT		AUT	HORIZATION	APPROPRIATION	CURRENT	
	NUMBER	PROJECT TITLE		REQUEST	REQUEST	MISSION	PAGE
Georgia		Fort Benning (TRADOC/SERO)					39
ocorgic	40525	Multi-purpose Training Range Complex		20 000	30,000	С	41
	40323	Murci-purpose training Range Complex		30,000	30,000	C	41
		Subtotal Fort Benning PART I	\$	30,000	30,000		
		Fort Stewart (FORSCOM/SERO)					47
	39451	Physical Fitness Training Center		15,500	15,500	С	49
	51127	Barracks Complex - Perimeter Road		49,000	49,000	С	52
		Subtotal Fort Stewart PART I	\$	64,500	64,500		
		* TOTAL MCA FOR Georgia	\$	94,500	94,500		

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	COMPONENT	I.T	2004-2002 MILLI	TARY CONSTRUCT:	ION PROGRA	IvI	2. DA	ATE
I	ARMY						06	FEB 2003
. ]	NSTALLATION AND L	OCATION	4. COMMAN	D			5. AR	EA CONSTRUCTION
							cc	ST INDEX
E	ort Benning		US Army Traini	ng and Doctrine	e Command			
C	eorgia		(Installation	Management Acty	y, Southea	st Regio	n)	0.80
6	5. PERSONNEL STREN			STUDENTS		UPPORTED	_	
			ST CIVIL OFFIC					OTAL
	A. AS OF 30 SEP 20			72 14173	0 52		3762	33,575
E	3. END FY 2008	1347 101	29 2783 11	24 13450	0 51	561	3765	33,210
			7 TNV/E	NTORY DATA (\$00	20.)			
	A. TOTAL AREA		74,629 ha	(184,412				
	B. INVENTORY TO					3,	316,463	
	C. AUTHORIZATIO	N NOT YET IN IN	VENTORY				327,492	
	D. AUTHORIZATIO	N REQUESTED IN	THE FY 2004 PRO	GRAM			30,000	
	E. AUTHORIZATIO	N REQUESTED IN	THE FY 2005 PRO	GRAM			49,650	
	F. PLANNED IN N	EXT FOUR YEARS	(NEW MISSION ON	LY)			34,780	
	G. REMAINING DE	FICIENCY					90,650	
	H. GRAND TOTAL.					3,	849,035	
	CATEGORY PROJECT  CODE NUMBER  178 4052	PR	OJECT TITLE	e Compley		COST \$000)		COMPLETE
	CODE NUMBER	PR	OJECT TITLE e Training Rang	e Complex TOTAL				COMPLETE 2: 06/2003
	CODE NUMBER 178 4052	PR 5 Multi-purpos				\$000) 30,000		
9	CODE NUMBER 178 4052	PR 5 Multi-purpos				\$000) 30,000 30,000		
	CODE NUMBER 178 4052  9. FUTURE PROJECT A CATEGORY	PR 5 Multi-purpos APPROPRIATIONS:	e Training Rang		(	\$000) 30,000 30,000		
<u> </u>	CODE NUMBER 178 4052  D. FUTURE PROJECT CATEGORY CODE	PR 5 Multi-purpos APPROPRIATIONS:	e Training Rang		(	\$000) 30,000 30,000		
Ç	CODE NUMBER 178 4052  9. FUTURE PROJECT A CATEGORY	PR 5 Multi-purpos APPROPRIATIONS: PR N THE FY 2005 P	e Training Rang  OJECT TITLE  ROGRAM:	TOTAL	(	\$000) 30,000 30,000		
9	CODE NUMBER 178 4052  D. FUTURE PROJECT A CATEGORY CODE A. REQUESTED II	PR 5 Multi-purpos APPROPRIATIONS: PR N THE FY 2005 P Barracks Com	e Training Rang	TOTAL	(	\$000) 30,000 30,000 COST \$000)		
ç	CODE NUMBER 178 4052  D. FUTURE PROJECT A CATEGORY CODE A. REQUESTED II 721	PR 5 Multi-purpos APPROPRIATIONS: PR N THE FY 2005 P Barracks Com	e Training Rang  OJECT TITLE  ROGRAM:  plex - Kelley H	TOTAL	(	\$000) 30,000 30,000 COST \$000) 48,500		
Ç	CODE NUMBER 178 4052  D. FUTURE PROJECT A CATEGORY CODE A. REQUESTED II 721	PR 5 Multi-purpos APPROPRIATIONS: PR N THE FY 2005 P Barracks Com	e Training Rang  OJECT TITLE  ROGRAM:  plex - Kelley H	TOTAL	(	\$000) 30,000 30,000 COST \$000) 48,500		
9	CODE NUMBER 178 4052  D. FUTURE PROJECT A CATEGORY CODE A. REQUESTED II 721 178	PR 5 Multi-purpos APPROPRIATIONS: PR N THE FY 2005 P Barracks Com Infantry Squ	e Training Rang  OJECT TITLE  ROGRAM:  plex - Kelley H  ad Battle Cours	TOTAL ill/Main Post e TOTAL	(	\$000) 30,000 30,000 COST \$000) 48,500 1,150		
ç	CODE NUMBER 178 4052  D. FUTURE PROJECT A CATEGORY CODE A. REQUESTED II 721 178  B. PLANNED NEX	PR 5 Multi-purpos 5 Multi-purpos 6 PR 6 PR 7 PR 7 THE FY 2005 P 7 Barracks Com 7 Infantry Squ 7 FOUR PROGRAM	e Training Rang  OJECT TITLE  ROGRAM:  plex - Kelley H  ad Battle Cours	TOTAL ill/Main Post e TOTAL	(	\$000) 30,000 30,000 COST \$000) 48,500 1,150 49,650		
Ç	CODE NUMBER 178 4052  D. FUTURE PROJECT A CATEGORY CODE A. REQUESTED II 721 178  B. PLANNED NEX	PR 5 Multi-purpos 5 Multi-purpos 6 PR 6 PR 7 PR 8 PR 8 PR 8 PR 9 PR 9 PR 9 PR 9 PR 9 PR 9 PR 1 PR 9 PR 9 PR 9 PR 1 PR 9 PR 1 PR 9 PR 1	e Training Rang  OJECT TITLE  ROGRAM:  plex - Kelley H  ad Battle Cours  YEARS (NEW MISS  s Collective T	TOTAL ill/Main Post e TOTAL	(	\$000) 30,000 30,000 30,000 COST \$000) 48,500 1,150 49,650		
9	CODE NUMBER 178 4052  D. FUTURE PROJECT A CATEGORY CODE A. REQUESTED II 721 178  B. PLANNED NEXT 179 178	PR 5 Multi-purpos 5 Multi-purpos 6 PR APPROPRIATIONS: PR N THE FY 2005 P Barracks Com Infantry Squ TFOUR PROGRAM Combined Arm Objective In	e Training Rang  OJECT TITLE  ROGRAM: plex - Kelley H ad Battle Cours  YEARS (NEW MISS s Collective T dividual Comba	TOTAL ill/Main Post e TOTAL	(	\$000) 30,000 30,000 30,000 \$000) 48,500 1,150 49,650 29,000 1,670		
9	CODE NUMBER 178 4052  D. FUTURE PROJECT A CATEGORY CODE A. REQUESTED II 721 178  B. PLANNED NEX	PR 5 Multi-purpos 5 Multi-purpos 6 PR APPROPRIATIONS: PR N THE FY 2005 P Barracks Com Infantry Squ TFOUR PROGRAM Combined Arm Objective In	e Training Rang  OJECT TITLE  ROGRAM:  plex - Kelley H  ad Battle Cours  YEARS (NEW MISS  s Collective T	TOTAL ill/Main Post e TOTAL	(	\$000) 30,000 30,000 30,000 COST \$000) 48,500 1,150 49,650		
9	CODE NUMBER 178 4052  D. FUTURE PROJECT A CATEGORY CODE A. REQUESTED II 721 178  B. PLANNED NEXT 179 178	PR 5 Multi-purpos 5 Multi-purpos 6 PR APPROPRIATIONS: PR N THE FY 2005 P Barracks Com Infantry Squ TFOUR PROGRAM Combined Arm Objective In	e Training Rang  OJECT TITLE  ROGRAM: plex - Kelley H ad Battle Cours  YEARS (NEW MISS s Collective T dividual Comba	TOTAL ill/Main Post e TOTAL	(	\$000) 30,000 30,000 30,000 \$000) 48,500 1,150 49,650 29,000 1,670		

	FY 2004-2005 MILITARY CONSTRUCTION PROGRAM	2. DATE
ARMY		06 FEB 2003
INSTALLATION	N AND LOCATION: Fort Benning Georgia	
10 MEGGEON OF MATO	OR THRESTONIO	
10. MISSION OR MAJO		
	rt and facilities for the US Army Infantry Center and School, m	
	ctin US Army Hospital, other tenant and satellited activities a	and units, and Reserve
Components Training	g.	
11. OUTSTANDING POL	LLUTION AND SAFETY DEFICIENCIES:	
	(\$	000)
A. AIR POLLUTIO	DIN	0
B. WATER POLLUT		0
	SAFETY AND HEALTH	0
0. 00001111101111		
_		
REMARKS :		
	cost to remedy the deficiencies in all existing permanent and	
at this installation	on is \$364,989,000, based on the Installation Status Report In	formation on conditions as
of October 2002.		
OI OCCODEL 2002.		
or occoper 2002.		
or occuper 2002.		
or occuper 2002.		
or october 2002.		
or october 2002.		
of october 2002.		
of october 2002.		
or october 2002.		
of october 2002.		
or october 2002.		
of October 2002.		
OI OCCUDE 2002.		

1.COMPONENT				STRUCTION PROJ		2.DATE			
ARMY	FY 2004 M		5 FEB 2003						
3.INSTALLATION AND	LOCATION			4.PROJECT TITLE	1				
Fort Benning									
Georgia				Multi-purpo	se Train	ing Rang	se Complex		
5.PROGRAM ELEMENT	6.CATEGORY C	ODE	7.P	ROJECT NUMBER	8.PROJECT	COST (\$0	00)		
					Auth	30,	000		
22212A	178			40525	Approp	30,	000		
	•	9	.COST	ESTIMATES	•				
I,	ГЕМ	UM	(M/E)	QUANTITY					
PRIMARY FACILIT	<u>Y</u>			~			26,242		
Multi-purpose R	ange Complex	FP		3		4129008	(12,387)		
Helipad w/Light	S	m2	(SF)	950.03 (	10,226)	80.73	(77)		
Central Mainten		m2	(SF)	187.01 (			(145)		
After Action Re	view Building	m2	(SF)	330.18 (			(465)		
Well House w/Ta	_	l l	(SF)	14.03 (	151)	2,203			
	ntinuation pag		,	,	ŕ	,	(13,137)		
SUPPORTING FACI		-					1,236		
Water, Sewer, G		LS					(72)		
Storm Drainage		LS					(127)		
Information Sys	tems	LS					(753)		
Antiterrorism/F							(284)		
THICL CCLL OLLOW, I	0100 110000010.						(201)		
ECHIMANED COMED		-					27 470		
ESTIMATED CONTR							27,478		
CONTINGENCY PER	CENI (2.00%)						1,374		
SUBTOTAL		,					28,852		
SUPV, INSP & OV	ERHEAD (5./0%	)					1,645		
TOTAL REQUEST	,						30,497		
TOTAL REQUEST (							30,000		
INSTALLED EQT-O	THER APPROP						(17,785)		
10.Description of Propose	d Construction C	onstru	ıct a	standard-design	n three-	lane Dig	jital		
Multi-Purpose R	ange Complex (1	MPRC)	with	moving infantry	y target	s, stati	onary.		
infantry target	s, evasive cap	able a	rmor	moving targets	, and sta	ationary	^r armor		
targets. Primar	y facilities i	nclude	opei	rations control	building	g/tower,	central		
after action re	view building,	centr	al ma	aintenance build	ding, la	trines,	general		
instruction bui	lding, helipad	, impr	oved	Heavy Equipmen	t Transp	ort Truc	k site,		
tactical stagin									
transformers and							ads and		
parking, and ra									
distribution sy	_		_						
and information	<del>-</del>				_		_		
						, w±±± &	,,		
provided by a self-contained system in each building/tower.  Anti-terrorism/force protection includes vehicle barriers, security lighting									
and gates. Unexploded ordnance (UXO) removal will be accomplished with other									
appropriations.									
11 770:	2								
<u>11. REQ:</u>		DQT:			UBSTD:		17 FP		
PROJECT: Const	ruct a three-la	ane Di	gita.	l Multi-Purpose	Range C	omplex (	MPRC).		

1.COMPONENT								2.DATE	
	FY	2004	MILITAR	Y CONS	TRUCTION I	PRO	JECT DATA		
ARMY								06	FEB 2003
3.INSTALLATION AND LOCATION									
Fort Benning, Georgia									
4.PROJECT TITLE	-						5.PROJECT	NUMBER	
Multi-purpose T	rainin	g Rang	ge Comple	ex				4	0525
			_				<u> </u>		
9. COST ESTIM	ATES (	CONTIN	IUED)						
								Unit	Cost
Item			UM	(M/E)	QUAN	ГІТ	Y	COST	(\$000)
PRIMARY FACILIT	Y (CON	TINUED	<u>)</u>						
Defence Trenche	S		m	(LF)	167.94	(	551)	2,311	(388)
Obstacle Breach	Site		EA		2			18,969	(38)
Synchronization	Pads/	Ramps	EA		3			24,878	(75)
Range Electric	Servic	e	LS						(897)
Tank Trail			m2	(SY)	185,962	(	222,409)	28.43	(5,287)
Range Roads and	Parki	ng	m2	(SY)	53,503	(	63,989)	20.14	(1,078)
Range Sitework			LS						(5,369)
Building Inform	ation :	System	ns LS						(5)
								Total	13,137

REQUIREMENT: This project is required to provide a range for crew through platoon live-fire engagements against a wide variety of targetry. The range is required to safely, but effectively, control lethal fires from diverse combat platforms without intrusion into unit command integrity. The range will create a realistic digital environment, when applicable, synthetically generating all situational awareness and relevant common picture data for the unit's battle space. The MPRC will facilitate simultaneous employment of all close combat and supporting systems contained in the emerging digital force including; M1A2 System Enhancement Program Tank, M2A3, and the Bradley Fighting Vehicle (BFV). Moreover, the downrange area of the MPRC must allow for the safe, simultaneous engagement of both direct and indirect fire systems in a footprint that is tactically realistic. MPRC must accommodate the full range of target practice munitions. The MPRC will be embedded with the necessary information and telecommunications technologies to safely manage all forces undergoing Platoon Live Fire Operations, to accurately score all engagements against established standards, and to capture all the necessary telemetry and scoring information to include video imagery from the control tower, vehicles, and if necessary remote stations, to conduct after action reviews of all live-fire exercises conducted in support of Training and Doctrine Command (TRADOC) BFV Program of Instruction (POI) and BFV/Tank gunnery qualification exercises in support of FORSCOM unit readiness. Included among the information technology enablers will be simulation systems (to create a virtual picture of adjacent friendly and enemy forces) and interfaces that allow targetry to be synchronized within realistic synthetic scenarios. Telecommunications enablers include fiber optics cabling with junction boxes to provide synthetic theater of war linkages with other live and virtual training outside the range complex, and integrate Electronic Positioning Location Radio System, Single Channel Ground Airborne Radio System, System Improvement Program, and other technical architecture necessary for supporting the full range of digital systems to be employed on the MPRC. Estimated loads/throughput is 7,000 annually (average

1.COMPONENT	<b>FY</b> 2004	MTT TTADV	CONSTRUCTION	DDO.TE	מייי איי	2.DATE		
ARMY	F1 2004	MILLIARI	CONSTRUCTION	PROUE	CI DAIA	06	FEB 2003	
3.INSTALLATION AN								
Fort Benning,	Georgia							
4.PROJECT TITLE					5.PROJECT I	NUMBER		_
Multi-purpose	Training Rang	ge Complex					40525	

REQUIREMENT: (CONTINUED)

daily loads/throughput is 32; using 220 training days per year). CURRENT SITUATION: Fort Benning ranges are non-standard and equipped with 17-18 year old non-standard targetry. Maintenance costs are excessive as spare/repair parts are no longer available and require costly government fabrication. The range facilities cannot support current and future standard live-fire training requirements of (TRADOC) POI for the M2/M3 BFV or support the readiness requirements of BFV/M1 tanks of Forces Command (FORSCOM) units. The current ranges do not support the advanced weapon and command and control systems being fielded by the Digital Force. Existing ranges are not capable of processing digital information, nor do they possess the systems to provide digital situational feedback to firing vehicles and unit receiving digital reports. Present targetry will not interact with either the firing element or the Range Operations Center Command and Control System.

IMPACT IF NOT PROVIDED: If this project is not provided, there will be significant adverse impacts on Fort Benning's ability to accomplish the requirements of TRADOC POI for the BFV in that the training provided by the United States Army Infantry School (USAIS) to BFV Master Gunner/Commanders Courses will continue to be below standards thus, causing major shortfalls for the Active Army, Army Reserve and National Guard. The Fort Benning mission as a Major Power Projection Platform Installation will be adversely affected and the FORSCOM mounted units stationed at Fort Benning cannot step forward to meet the realities of current and future deployments without a training facility aligned to their readiness requirements. With the fielding and testing of the equipment which will transform Infantry and Armor units into Force XXI, Fort Benning requires a Digital MPRC to adequately train that force.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and all physical security measures are included. Also, all required anti-terrorism/force protection (AT/FP) measures are included. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement. Sustainable principles will be integrated into the design, development, and construction of the project in accordance with Executive Order 13123 and other applicable laws and Executive Orders. JOINT USE CERTIFICATION: The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. This facility will be available for use by Army Reserve and National Guard units. A parametric cost estimate based upon project engineering design was used to develop this budget estimate.

1.COMPONENT		2.DATE
	FY 2004 MILITARY CONSTRUCTION PROJE	CT DATA
ARMY		06 FEB 2003
3.INSTALLATION AN	ID LOCATION	<u> </u>
Fort Benning,	Georgia	
4.PROJECT TITLE		5.PROJECT NUMBER
Multi-purpose	Training Range Complex	40525
10 0		
	NTAL DATA:	
A. Estir	mated Design Data: Status:	
( 1 )	(a) Date Design Started	NAT 2002
	(b) Percent Complete As Of January 2003.	
	(c) Date 35% Designed	
	(d) Date Design Complete	
	(e) Parametric Cost Estimating Used to D	<del>-</del>
	(f) Type of Design Contract: Design-bid	
	(g) An energy study and life cycle cost	analysis will be
	documented during the final design.	
(2)	Basis:	
(2)	(a) Standard or Definitive Design: YES	
	(b) Where Most Recently Used:	
	Fort Hood	
	rore mode	
(3)	Total Design Cost $(c) = (a)+(b)$ OR $(d)+(e)$	(\$000)
, ,	(a) Production of Plans and Specification	
	(b) All Other Design Costs	
	(c) Total Design Cost	
	(d) Contract	
	(e) In-house	
(4)	Construction Contract Award	
(5)	Construction Start	<u>JAN 2004</u>
(6)	Construction Completion	

1.COMPONENT	137	2004	MIT IMADA	CONCERNICETON	DDO TEC	1m D2m2	2.DATE		
ARMY	FI	2004	MILITARY	CONSTRUCTION	PROJEC	T DATA	06	5 FEB	2003
3.INSTALLATION AND	D LOCATIO	N							
Fort Benning,	Georgia	l							
4.PROJECT TITLE					í	.PROJECT	NUMBER		
Multi-purpose	Trainin	ıg Rang	e Complex					4052	5

### 12. SUPPLEMENTAL DATA: (CONTINUED)

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

Equipment Nomenclature	Procuring Appropriation	Fiscal Year Appropriated <u>Or Requested</u>	Cost (\$000)
Target Mechanisms	OPA	2005	7,725
Target Mechanisms and Equipme	ent OPA	2005	9,666
Infared Cameras (7)	OPA	2005	379
Info Sys - ISC	OPA	2005	1
Info Sys - PROP	OPA	2005	14
		TOTAL	17,785

Installation Engineer: COL Gregory S. Kuhr
Phone Number: 706 545-2292

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•	COMPONENT	FY	2004-2005 MILI	TARY	CONSTRU	CTION P	ROGRAM		2. D	ATE	
	ARMY								06	FEB 2003	
	INSTALLATION AND LOCAT	ION	4. COMMAN	ID					5. A	REA CONSTR	UCTION
									0	OST INDEX	
	Fort Stewart		US Army Forces	Com	mand						
	Georgia		(Installation	Mana	gement A	cty, So	utheast	: Regio	n)	0.	84
	6 DED GOLDEN GERMANIA			~					•		
	6. PERSONNEL STRENGTH:			STUD		TITI OF		PORTED	OT7777	די∕ידי∧ד	
	A. AS OF 30 SEP 2002	1494 1323	ST CIVIL OFFIC 34 1823	0	245	0	22	206	2609	IOTAL 19,633	
	B. END FY 2008	1428 1296		0	236	0	22	206	2609	19,163	
	D. END FI 2000	1120 1250	1057	Ū	250		22	200	2005	17,103	
			7. INVE	NTOR	Y DATA (	\$000)					
	A. TOTAL AREA		113,017 ha		(279,27						
	B. INVENTORY TOTAL	AS OF 30 SE	EP 2002					2,	169,351		
	C. AUTHORIZATION NO	T YET IN IN	/ENTORY				•	:	173,366		
	D. AUTHORIZATION RE	QUESTED IN T	THE FY 2004 PRO	GRAM					64,500		
	E. AUTHORIZATION RE	QUESTED IN T	THE FY 2005 PRO	GRAM					7,450		
	F. PLANNED IN NEXT	FOUR YEARS (	(NEW MISSION ON	TLY).					15,950		
	G. REMAINING DEFICE	ENCY						:	143,218		
	H. GRAND TOTAL	• • • • • • • • • • • • •						2,	573,835		
	0 000 000 1000 000 1000			04.5							
	8. PROJECT APPROPRIATIO	ONS REQUESTE	ED IN THE FY 20	104 P.	ROGRAM:		90	NOTE:	PEGTG	AT COMPANYIO	
	CATEGORY PROJECT	DD	TEAT TITLE					OST		N STATUS	
	CODE NUMBER 740 39451 P		DJECT TITLE	7	_			000)		COMPLETE	
		_	ness Training ( plex - Perimete					.5,500 19,000		1 06/2004 2 09/2003	
	721 S1127 B	arracks cong	piex - Ferimete	SI NO	au		-	2,000	02/200	2 09/2003	
					TOTA	L	6	54,500			
	9. FUTURE PROJECT APPR	OPRIATIONS:									
	CATEGORY						CC	ST			
	CODE	PRO	DJECT TITLE				(\$0	000)			
	A. REQUESTED IN TH	E FY 2005 PF	ROGRAM:								
	730 C	hapel						7,450			
					TOTA	L		7,450			
	ס חוד אותו או או מו מו מו מו מו מו מו	י זייגים סחח סוו	JENDO /NEE NATOO	ייי ריי	ONπ ₹/ •						
	B. PLANNED NEXT FO		KEARS (NEW MISS i-Purpose Trai	OTOIN (	JINIY) •		-	.3,000			
			use (Range 37)				-	1,600			
		rban Assault						1,350			
								.,			
					TOTA	L	1	5,950			
	C. DEFERRED SUSTAI	NMENT, RESTO	ORATION, AND MO	DERN	IZATION	(SRM):	15	52,355			

1. COMPONENT	FY 2004-2005 MILITARY CONSTRUCTION PROGRAM	2. DATE							
ARMY		06 FEB 2003							
INSTALLATION	N AND LOCATION: Fort Stewart Georgia								
10. MISSION OR MAJO	OR FUNCTIONS:								
	Support and training of an Infantry Division (Mech) and non-divisional support units, and provide								
	including 18th Corps Aerial Explortation Battalion and SOCOM R								
	ted activities and reserve components training.								
11. OUTSTANDING POI	LUTION AND SAFETY DEFICIENCIES:								
	(\$00	0)							
A. AIR POLLUTIO		0							
B. WATER POLLUI		0							
C. OCCUPATIONAL	SAFETY AND HEALTH	0							
REMARKS :									
	cost to remedy the deficiencies in all existing permanent and se	mi permanent facilities							
	on is \$152,355,000, based on the Installation Status Report Info								
of October 2002.	in 15 4132,333,000, based on the installation states report into	inacion on condicions as							
or occoper 2002.									

1 COMPONENTE									O DAME	
1.COMPONENT	EV 2	004	MTT '	r m a c	T COM	reim'	DICTION DDOT	משת האשא	2.DATE	
7 DM37	FI Z	004	МТТ	LIAR	X COM	ΙБ Ι.	RUCTION PROJ	ECT DATA		EDD 2002
ARMY 3.INSTALLATION AN	יים דיטטאים	TON T				1	4.PROJECT TITL		00	FEB 2003
	ID HOCKI	TOIN					4.PROUECI IIIII	2		
Fort Stewart							Dhraigal Ei	troad Tw	-inina a	
Georgia 5.PROGRAM ELEMENT	1	6 CATI	EGORY CODE	1	7 DI	20.11	Physical Fi		COST (\$00	
5.PRUGRAM ELEMENT		6.CAIL	PROKI CODE		/	KOU I	ECI NUMBER	Auth		500
22696A			742				39451	Approp	•	500
22090A			742	Q	.COST I	FCT			15,	500
				_						
PRIMARY FACIL	ITEM			UM	(M/E)		QUANTITY			10,577
Phy Fit Trng (		Matat	orium	m 2	(SF)		6,577 (	70,797)	1,338	•
Antiterrorism				LS	( 51. )		0,577 (	10,151)		(399)
EMCS Connection		FIOC	eccion	LS						(142)
Building Commi		ina		LS						(1,218)
Building Infor		_	tems	LS						(15)
	macro	11 070	CCIIID							(13)
SUPPORTING FAC	CILITI	ES								2,733
Electric Servi				LS						(197)
Water, Sewer,	Gas			LS						(162)
Paving, Walks	, Curb	s & G	utters	LS						(256)
Storm Drainage				LS						(119)
Site Imp( 1,62	25) De	mo(	249)	LS						(1,874)
Information Sy	stems			LS						(31)
Antiterrorism	/Force	Prot	ection	LS						(94)
										ı
ESTIMATED CONT	TRACT	COST								13,310
CONTINGENCY PR	CONTINGENCY PERCENT (5.00%)									<u>666</u>
SUBTOTAL									13,976	
SUPV, INSP & OVERHEAD (5.70%)									797	
DESIGN/BUILD - DESIGN COST									<u>559</u>	
TOTAL REQUEST									15,332	
TOTAL REQUEST (ROUNDED)										15,500
INSTALLED EQT-	-OTHER	APPR	OP							( )
										1

Construct a standard-design physical fitness 10.Description of Proposed Construction center at Hunter Army Airfield to include a gymnasium, physical therapy room and office, natatorium, racquetball courts, locker rooms, free weight/exercise equipment area, and multi use areas suitable for aerobics, instructional programs such as martial arts, stretching areas and a 400-meter outdoor running track including bleachers, pads and lights. Provide built-in bleachers, built-in physical fitness equipment, building information systems and connection with existing energy monitoring and control system (EMCS). Supporting facilities include utilities; sewer; storm drainage; electric service with power line upgrade; fire protection and alarm system; paving, walks, curbs, and gutters; parking; security lighting; fuel oil storage tank; information systems; and site improvements. Access for the handicapped will be provided. Heating and air conditioning (400 tons) will be provided by self-contained units. Demolish one building (27,681 SF) with asbestos removal and disposal. Remove and relocate the overhead distribution lines for the running track and the Directorate of Information Management (DOIM) hub area. Anti-terrorism/force protection (AT/FP) measures consist of an exclusive fenced standoff zone; perimeter barriers on the standoff zone perimeter; perimeter barriers to block sightlines using obscuration screens lines of

I.COMPONENT	<b>FY</b> 2004	MTT.TTARY	CONSTRUCTION	PROJEC	т рата	2.DATE			
ARMY	11 2001	1111111111	CONSTRUCTION	TROOLC	. 2	06 FEB 2003			
B.INSTALLATION AND LOCATION									
Fort Stewart,	Georgia								
4.PROJECT TITLE				5	.PROJECT I	NUMBER			
Physical Fitne	ess Training	Center				39451			

#### DESCRIPTION OF PROPOSED CONSTRUCTION: (CONTINUED)

vegetation, or non-critical structures; stock hollow steel or steel-clad doors and steel frames in the lobby; minimal size and number of windows and doors; narrow recessed, laminated glass windows and blast curtains at the main entrance windows and those adjacent to the parking lot; a decorative berm in the standoff zone perimeter; vehicle and personnel gates equivalent to the fence; and shrubbery outside the standoff zone perimeter. Comprehensive interior design services are required. As provided by Public Law 107-107, this project has been included in the demonstration program on reduction in long-term facility maintenance costs.

11. REQ: 6,577 m2 ADQT: NONE SUBSTD: 2,572 m2 Construct a medium physical fitness center. (Current Mission) PROJECT: <u>REQUIREMENT:</u> This project is required to support unit and individual fitness for readiness at Hunter Army Airfield. The facility is necessary to support water survival techniques for aviation and Ranger personnel and general water safety training, swimming lessons, water aerobics, and lap swimming. The current gymnasium was constructed in 1956. At CURRENT SITUATION: approximately 27,700 square feet, the facility is too small to support unit physical training and community recreation needs. The facility cannot accommodate multiple unit use. Heavy and varied demand has led to constant maintenance problems. Locker rooms are inadequate/unsanitary. Infrastructure does not support fitness machines which require electrical support. Mechanical ventilation systems are inadequate for the climate. If this project is not provided, training needs will IMPACT IF NOT PROVIDED: not be met especially those unique to the aviation and Ranger units assigned.

The overall quality of life and well being of the military community will be severely impacted. Facilities supporting maintenance of the high level of fitness needed to meet mission demands, coping with the stressors of high operations tempo, and participation in activities needed to support confidence, unit team building, and long term health will not be available. ADDITIONAL: This project has been coordinated with the installation physical security plan, and all physical security measures are included. Also, all required anti-terrorism/force protection (AT/FP) measures are included. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement. Sustainable principles will be integrated into the design, development, and construction of the project in accordance with Executive Order 13123 and other applicable laws and Executive Orders. JOINT USE CERTIFICATION: The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. This facility will be available for use by other components. A parametric cost estimate based upon project engineering design was used to develop this budget estimate.

					2.DATE
	1	<b>FY</b> 2004	MILITARY CONSTRUCTION	PROJECT DATA	
ARMY					06 FEB 200
INSTALLATIO	ON AND LOCA	ATION			
rt Stewa PROJECT TIT		gıa		5.PROJECT	NIIMBER
INCODET III				3.11600161	NOTIBER
ysical F	itness T	raining Ce	enter		39451
				·	
	EMENTAL :				
	stimated  1) Stat	Design Da	ata:		
(	1) Stat (a)		lgn Started		DEC 2001
	(b)		Complete As Of January		
	(c)		Designed		
	(d)		lgn Complete		
	(e)	Parametri	c Cost Estimating Used	d to Develop (	Costs <u>YES</u>
	(f)	Type of D	Design Contract: Desig	gn-build	
	(g)		study and life cycle		s will be
		documente	ed during the final des	sign.	
1	2) Basi	a•			
(	(a)		or Definitive Design:	NO	
	(34)	2 0011001 0	01 2011110110 2021911	2.0	
(	3) Tota	l Design C	Cost (c) = (a) + (b) OR (	(d)+(e):	(\$000)
	(a)	Productio	on of Plans and Specifi	ications	<u>276</u>
	(b)		Design Costs		
	(c)		sign Cost		
	(d)	_			
	(e)	III-IIouse.			266
(	4) Cons	truction C	Contract Award		<u>MAR 2004</u>
(	5) Cons	truction S	Start		<u>JUN 2004</u>
,	( ) ( ) ( ) ( ) ( )	<b></b>	Name latian		OGE 2005
(	6) Cons	truction C	Completion		001 2005
B. E	quipment	associate	ed with this project wh	nich will be p	provided from
other ap	propriat	ions:			_
<b></b>			D		cal Year
Equipm <u>Nomenc</u>			Procuring <u>Appropriation</u>		copriated Cost Requested (\$00
MOMETIC	<u> </u>		Appropriacion	<u>OI I</u>	<u>requested</u> <u>(500</u>
			NA		

1.COMPONENT									2.DATE	
	<b>FY</b> 2	004 <b>MIL</b> I	TAF	RY COM	NSTR	UCTION PR	OJE	CT DATA		
ARMY									06	FEB 2003
3.INSTALLATION AN	D LOCAT	ION			4	PROJECT TI	TLE			
Fort Stewart										
Georgia						Barracks	Com	plex - :	Perimete:	r Road
5.PROGRAM ELEMENT	1	6.CATEGORY CODE		7.P	ROJEC	CT NUMBER		8.PROJECT	COST (\$00	0)
								Auth	49,	000
22696A		721				51127		Approp	49,	000
			9	.COST	ESTI	MATES				
	ITEM		UM	(M/E)		QUANTI	ITY			
PRIMARY FACIL	ITY									30,870
Barracks			m2	(SF)		19,585 (	2	10,816)	1,233	(24,149)
Recycling Cent			m2	(SF)		380.62 (		4,097)	1,884	(717)
Central Heatir	ng Pla	nt	EΑ			1 -	-		1650000	(1,650)
Softball Field	ds, Lg	td w/Bldg.	EΑ			3 -	_		480,000	(1,440)
Antiterrorism			LS			_	_			(1,634)
Total from (										(1,280)
SUPPORTING FAC	CILITI	<u>ES</u>								13,676
Electric Servi			LS							(1,420)
Water, Sewer,	Gas		LS							(427)
Steam And/Or (										(517)
Paving, Walks		s & Gutters	LS			-	-			(1,242)
Storm Drainage			LS			-	-			(2,000)
Site Imp( 3,08			LS			-	-			(5,132)
Information Sy			LS			-	-			(2,375)
Antiterrorism	/Force	Protection	LS			-	_			(563)
ESTIMATED CONT	TRACT	COST								44,546
CONTINGENCY PR	ERCENT	(5.00%)								2,227
SUBTOTAL										46,773
SUPV, INSP & (	OVERHE.	AD (5.70%)								2,666
TOTAL REQUEST										49,439
TOTAL REQUEST	(ROUN	DED)								49,000
INSTALLED EOT-	-OTHER	APPROP								( )

10.Description of Proposed Construction Construct a barracks complex including barracks, central heating plant, and recycling center. Also construct athletic fields to replace existing facilities displaced by new construction. Connect energy monitoring and control system (EMCS). Supporting facilities include utilities; electric service; fire protection and alarm systems; storm drainage; parking; paving, walks, curbs and gutters; information systems; and site improvements. Demolish four buildings (278,732 SF). Access for the handicapped will be provided. Air conditioning (1,200 tons) will be provided by stand-alone systems. Anti-terrorism/force protection (AT/FP) will be provided by structural reinforcement, special windows and doors, and site measures. Comprehensive interior design services are required. The supporting facilities cost is high due to the need for site lighting, electrical transformers, storm drainage lines, building demolition with asbestos abatement, and the length of information systems connections.

11. REQ: 1,529 PN ADQT: 686 PN SUBSTD: 843 PN PROJECT: Construct a barracks complex. (Current Mission)

1.COMPONENT						2.DATE					
	<b>FY</b> 2004	MILITARY	CONSTRUCTION	PROJE	CT DATA						
ARMY						06	FEB 2003				
3.INSTALLATION AND	3.INSTALLATION AND LOCATION										
Fort Stewart, Georgia											
4.PROJECT TITLE					5.PROJECT N	UMBER					
Barracks Compl	ex - Perimeter	Road					51127				
9. COST ESTI	MATES (CONTINU	ED)									
						Unit	Cost				
Item		UM (N	M/E) QUAI	YTITY		COST	(\$000)				
PRIMARY FACILI	TY (CONTINUED)	-									
EMCS Connectio	ns	LS					(402)				
Building Infor	mation Systems	LS					(878)				
						Total	1,280				

<u>REQUIREMENT:</u> This project is required to provide living conditions that meet current standards. Maximum and intended utilization is 576 soldiers.

<u>CURRENT SITUATION:</u> The existing barracks, which were built in 1954, are substandard and are rapidly deteriorating.

IMPACT IF NOT PROVIDED: If this project is not provided, soldiers will continue to live in substandard and deteriorated facilities, which will adversely impact morale, retention, and readiness.

This project has been coordinated with the installation physical security plan, and all physical security measures are included. Also, all anti-terrorism/force protection measures are included. An economic analysis has been prepared and utilized in evaluating this project. This project is the most cost-effective method to satisfy the requirement. Sustainable principles will be integrated into the design, development, and construction of the project in accordance with Executive Order 13123 and other applicable laws and Executive Orders. JOINT USE CERTIFICATION: The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. Mission requirements, operational considerations, and location are incompatible with use by other components. During the past two years, \$3.3M was spent on sustainment, restoration and modernization (SRM) (formerly know as Real Property Maintenance) on unaccompanied enlisted personnel housing at Hunter Army Airfield. Upon completion of this project, the remaining unaccompanied enlisted permanent party personnel deficit will be 267 soldiers at maximum occupancy at this installation. A parametric cost estimate based upon project engineering design was used to develop this budget estimate.

#### 12. SUPPLEMENTAL DATA:

- A. Estimated Design Data:
  - (1) Status:

(a)	Date Design Started	FEB 2002
(b)	Percent Complete As Of January 2003	35.00
(c)	Date 35% Designed	<u>JAN 2003</u>
(d)	Date Design Complete	SEP 2003
(e)	Parametric Cost Estimating Used to Develop Costs	YES

1.COMPONENT				2.DATE					
	FY 2004 MILIT	ARY CONSTRUCTION PROJE	ECT DATA	06 0000					
ARMY	L COMMINION			06 FEB 2003					
3.INSTALLATION A	ND LOCATION								
East Ctarrant	Fort Stewart, Georgia								
4.PROJECT TITLE	Georgia		5.PROJECT N	IIMBER					
TIROUDET TITLE			3.TROOLET IV	OFIDER					
Barracks Comp	lex - Perimeter Road			51127					
12. SUPPLEME	NTAL DATA: (Continue	d)							
A. Esti	mated Design Data: (	Continued)							
(2)	Basis:								
	(a) Standard or De	finitive Design: NO							
(0)				( + 0 0 0 )					
(3)		c) = (a) + (b) OR (d) + (e)		(\$000)					
		Plans and Specification							
		gn Costs							
		ost							
	(e) III-IIOuse			3,000					
(4)	Construction Contra	ct Award		<u>DEC 2003</u>					
(5)	Construction Start.			<u>FEB 2004</u>					
(6)	Construction Comple	tion		<u>MAR 2007</u>					
D									
B. Equi other appro		h this project which w	viii be pr	ovided from					
other appro	PI I GOLOID		Fisca	l Year					
Equipment		Procuring		priated Cost					
Nomenclat		Appropriation		<u>quested (\$000)</u>					
		NA							

Installation Engineer: BOB MARSHALL Phone Number: 912.692.8610

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

# DEPARTMENT OF THE ARMY FISCAL YEAR 2004

# MILITARY CONSTRUCTION (PART I) (DOLLARS ARE IN THOUSANDS)

STATE		INSTALLATION (COMMAND/REGION)				NEW/	
	PROJECT		Αl	JTHORIZATION	APPROPRIATION	CURRENT	
	NUMBER	PROJECT TITLE		REQUEST	REQUEST	MISSION	PAGE
Hawaii		Schofield Barracks (USARPAC/PARO)					57
	34048	Information Systems Facility		18,000	18,000	N	59
	48784	Barracks Complex - Capron Road Ph 2		0	49,000	С	63
	52268	Barracks Complex - Quad E		49,000	49,000	С	66
	55270	Land Acquisition		19,400	19,400	N	69
	57227	Mission Training Support Facility		33,000	33,000	N	71
		Subtotal Schofield Barracks PART I	\$	119,400	168,400		
		Helemano Military Reservation (USARPAC/PAR	0)				75
	57802	Land Easement		1,400	1,400	N	77
		Subtotal Helemano Military Reservation PART I	\$	1,400	1,400		
		* TOTAL MCA FOR Hawaii	\$	120,800	169,800		

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	COMPONENT ARMY	FY 2004-2005 MILITARY CONSTRUCTION PR	COGRAM	2. DATE 06 FEB 2003
	2012			00 110 2003
-	INSTALLATION AND LOCATION	4. COMMAND		5. AREA CONSTRUCTION
	Schofield Barracks	IIO Arma Danisia		COST INDEX
	Hawaii	US Army Pacific	rifia Dogion)	1.67
1	Hawall	(Installation Management Acty, Pac	cilic Region)	1.67
(	6. PERSONNEL STRENGTH: PER	SUPPORTED		
		ENLIST CIVIL OFFICER ENLIST CIVIL OFF 11051 595 0 78 0		
I	A. AS OF 30 SEP 2002 1321	261 3037	2807 19,150	
Ι	B. END FY 2008 1388	11601 1097 0 127 0	261 3035	2863 20,372
		7. INVENTORY DATA (\$000)		
	A. TOTAL AREA	67,321 ha (166,353 AC)		
	B. INVENTORY TOTAL AS OF 3	30 SEP 2002	4,9	94,209
	C. AUTHORIZATION NOT YET IN	I INVENTORY	. 4	64,705
	D. AUTHORIZATION REQUESTED	IN THE FY 2004 PROGRAM	. 1	19,400
	E. AUTHORIZATION REQUESTED	IN THE FY 2005 PROGRAM	. 2	87,745
	F. PLANNED IN NEXT FOUR YEA	ARS (NEW MISSION ONLY)	. 1	.07,300
	G. REMAINING DEFICIENCY		. 2	37,888
	H. GRAND TOTAL		6,2	11,247
,	8. PROJECT APPROPRIATIONS REQU	JESTED IN THE FY 2004 PROGRAM:		
	CATEGORY PROJECT		COST	DESIGN STATUS
	CODE NUMBER	PROJECT TITLE	(\$000)	START COMPLETE
	131 34048 Informati	on Systems Facility	18,000	05/2002 07/2003
	721 48784 Barracks	Complex - Capron Road Ph 2	49,000	01/2002 08/2003
		Complex - Quad E	49,000	01/2002 04/2004
	911 55270 Land Acqu		19,400	11/2003 12/2004
	_	Craining Support Facility	33,000	04/2002 08/2003
		TOTAL	168,400	
	0 IIII DD0 IIII ADD00D0111111	N.C.		
-	<ol> <li>FUTURE PROJECT APPROPRIATION</li> <li>CATEGORY</li> </ol>	ONS:	COST	
	CODE	PROJECT TITLE	(\$000)	
	A. REQUESTED IN THE FY 200		(\$000)	
	~	Complex-Capron Ave Ph 3	48,500	
		Complex - D Quad Ph 3b	36,000	
	178 Range		45,500	
	3	Arms Collective Training Facility	37,396	
		Vehicle Wash Facility	5,900	
		nt Facility	24,300	
		Maintenance Facility	49,000	
		ation Training Range	3,000	
	~	ation Training Range	8,149	
	~	rea Live Fire Complex	41,500	
		TOTAL	299,245	
			554,659	

	COMPONENT ARMY	FY 2004-2005 MILITARY CONSTRUCTION PROGRAM	2. DATE 06 FEB 2003
	INSTALLATION	AND LOCATION: Schofield Barracks Hawaii	
]	headquarters for the Information Systems	R FUNCTIONS: cks houses peacetime garrison troops and their supporting orga e 25th Infantry Division. Parts of the US Army Support Command Command and the 45th Support Group are also housed there. In py housing at Schofield.	d Hawaii (USASCH), US Army
	11. OUTSTANDING POL	LUTION AND SAFETY DEFICIENCIES:	000)
	A. AIR POLLUTION	N	0
	B. WATER POLLUT		0
	C. OCCUPATIONAL	SAFETY AND HEALTH	0

1 COMPONENTE									0 DAME		
1.COMPONENT	EV 3	004	MTT -	TTNE	יזי מחי	мет	יייייייייייייייייייייייייייייייייייייי	משגם שטיי	2.DATE		
7 17 17 17	FI Z	004	MTT	LTAR	(X CO	ND T	RUCTION PROJ	ECT DATA		EDD 2002	
ARMY 3.INSTALLATION AN	ID I OCAT						4.PROJECT TITLE	i	00	FEB 2003	
		TOIN					4.PROUECT IIII				
Schofield Barr	cacks							~	- 2124		
Hawaii		T. Game					Information			_	
5.PROGRAM ELEMENT		6.CATE	EGORY CODE	i	7.1	ROJ	ECT NUMBER		COST (\$00	,	
			- 0.1				- : 0 4 0	Auth Approp	-	000	
22696A		<u> </u>	131		- 20m	- 0.5	34048	Approb	18,	000	
9.COST ESTIMATES											
	ITEM			UM	(M/E)	$\prod$	QUANTITY			10.000	
PRIMARY FACILI										12,330	
Information Sy	_		lity		(SF)		3,543 (	38,138)			
Power Plant Bu	uildin	g			(SF)		92.90 (	1,000)			
Cable Vault				EA			1		175,600		
Antiterrorism		Prot	ection	LS						(219)	
IDS Installati				LS						(35)	
Building Infor		_	tems	LS						(730)	
SUPPORTING FAC	CILITI	ES		T		T				3,812	
Electric Servi	ice			LS					(751)		
Water, Sewer,	Gas			LS	LS				(347)		
Paving, Walks,	, Curb	s & G	utters	LS						(453)	
Storm Drainage	e			LS						(321)	
Site Imp( 47	79) De	mo (	)	LS						(479)	
Information Sy	ystems			LS						(1,189)	
Antiterrorism	/Force	Prot	ection	LS						(272)	
										<u> </u>	
ESTIMATED CONT	TRACT	COST		T	_	Ţ				16,142	
CONTINGENCY PE	ERCENT	(5.	00%)							807	
SUBTOTAL										16,949	
SUPV, INSP & C	OVERHE	AD (	6.50%)							1,102	
TOTAL REQUEST										18,051	
TOTAL REQUEST (ROUNDED)										18,000	
INSTALLED EQT-	-OTHER	APPR	OP							(4,213)	
										- 	
										İ	
									1		

Construct a multi-story, ground floor and 10.Description of Proposed Construction basement, Information Systems Facility (ISF) that will house the key and essential communications functions necessary for the Army's transformation of the 25th Infantry Division (Light). The ISF provides critical communications capabilities and interfaces between all the Transformation projects, and the Information Installation Infrastructure Architecture. The ISF is the critical central hub providing connectivity to support essential constructive, virtual, and real information systems. ISF operations will support 24 hours per day, 7 days a week Fixed Tactical Internet management location; Local Communications Control Center; secure and non secure main Communications Node of the network switching systems; secure information vault, and top secret and secret Special Compartmentalized Information Facility (SCIF) rooms, Electromagnetic Fields shielding is required in portions of the facility. A 25-person Situation Readiness Center with a Video Teleconferencing Center for Secret teleconferencing is required. Message traffic room, break rooms, and restroom facilities are required. Project also includes a loading dock and a passenger/freight elevator. An area for telecommunications switch equipment with cable vault and low-resistance building ring earth ground around the perimeter of the primary facility is necessary to support Army transformation

1.COMPONENT	FY	2004	MTT.TTARY	CONSTRUCTION	PROJEC	т рата	Z.DATE
ARMY		2001	111111111111	COMBINGCITON	11100110		06 FEB 2003
3.INSTALLATION AN	D LOCATIO	ON					
Schofield Barr	acks, E	Hawaii					
4.PROJECT TITLE					5	.PROJECT 1	NUMBER
Information Sy	stems E	Facili	tv				34048

#### DESCRIPTION OF PROPOSED CONSTRUCTION: (CONTINUED)

because of its distance from the existing central office. Anti-terrorism/force protection (AT/FP) measures will include perimeter fencing with high level security protection with security card access system, and intrusion detection system (IDS) with closed circuit television system, utilizing infrared lighting for perimeter and internal monitoring. This facility requires a standby generator (OPA funded) with automatic switching equipment. Supporting facilities will include utilities; electric service; fire protection and alarm systems; energy management system; parking; access drives; paving, walks, curbs and gutters; site lighting; storm drainage; fencing; information systems; lighting protection; and site improvements. The ISF will have air conditioning (150 tons) installed with humidity control, low maintenance/cost electrostatic dust filtering and heavy duty components designed for 24 hour, 7 days a week operations. Access for the handicapped will be provided. Comprehensive interior design services are required.

11. REQ: 3,543 m2 ADQT: NONE SUBSTD: 3,543 m2
PROJECT: Construct an Information Systems Facility to support 25th Infantry

Division for Army Transformation. (New Mission)

<u>REQUIREMENT:</u> This project is required to provide reliable information technology capabilities in support of constructive and virtual simulation for the Army Transformation of the 25th Infantry Division (Light).

CURRENT SITUATION: The need to support a consolidated constructive and virtual simulation center with an advanced Information Systems Facility is a new requirement. Army Transformation implementation in Hawaii requires development of an installation architecture, engineering design and infrastructure expansion to support the digitized force collective and virtual training capabilities. The installation information architecture must be extended to incorporate new digital facilities and ranges required under Army Transformation in Hawaii. New technologies applied to enable a more mobile, lethal force require reliable high-speed communications. New constructive and virtual simulation training requires new or renovated facilities to conduct scenarios not identified in previous infrastructure planning. This new mission will also support the proposed transformation throughout Hawaii.

IMPACT IF NOT PROVIDED: If this project is not provided, the 25th Infantry Division Transformation cannot take advantage of new simulations training and will not be able to adequately train its warfighting missions. This problem will be exacerbated as the Army continues to transform and modernize into the objective force if this facility is not provided.

<u>ADDITIONAL:</u> This project has been coordinated with the installation physical security plan and all physical security measures are included. Also, all required anti-terrorism/force protection (AT/FP) measures are included. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement. Sustainable principles will be integrated into the development,

1.COMPONENT		2.DATE
	FY 2004 MILITARY CONSTRUCTION PROJECT DATA	
ARMY		06 FEB 2003
3.INSTALLATION A	ND LOCATION	
Schofield Bar	racks, Hawaii	
4.PROJECT TITLE	5.PROJECT	T NUMBER
Information S	ystems Facility	34048
ADDITTONAL •	(CONTINUED)	
ADDITIONAL:	<u>(CONTINUED)</u> nstruction of the project in accordance with Exec	uutima Ordan
	er applicable laws and Executive Orders. JOINT US	
	sistant Secretary of the Army (Installations and	
	t this project has been considered for joint use	
	be available for use by other components. A para	
	d upon project engineering design was used to dev	
estimate.		1 · · · · · · · · · · · · · · · · · ·
12. SUPPLEME	NTAL DATA:	
A. Esti	mated Design Data:	
(1)	Status:	
	(a) Date Design Started	<u>MAY 2002</u>
	(b) Percent Complete As Of January 2003	
	(c) Date 35% Designed	
	(d) Date Design Complete	
	(e) Parametric Cost Estimating Used to Develop	Costs <u>YES</u>
	(f) Type of Design Contract: Design-bid-build	
	(g) An energy study and life cycle cost analysi	s will be
	documented during the final design.	
(2)	Basis:	
( - 7	(a) Standard or Definitive Design: NO	
(3)	Total Design Cost (c) = $(a)+(b)$ OR $(d)+(e)$ :	(\$000)
	(a) Production of Plans and Specifications	945
	(b) All Other Design Costs	225
	(c) Total Design Cost	1,170
	(d) Contract	<u>872</u>
	(e) In-house	298
/ / >	Complement on Company of Total	OCT 0003
(4)	Construction Contract Award	<u>OCT 2003</u>

(6) Construction Completion..... <u>MAY 2005</u>

1.COMPONENT	EV	2004	MTT TTADV	CONSTRUCTION	DDO.TEC	ת האתו יי	2.DATE		
ARMY	FI	2004	MIDITARI	CONSTRUCTION	PROUEC	I DAIA	06	FEB	2003
3.INSTALLATION AN	D LOCATIO	N							
Schofield Barr	acks, F	Hawaii							
4.PROJECT TITLE					5	.PROJECT	NUMBER		
Information Sy	stems E	acilit	ΞY					34048	3

## 12. SUPPLEMENTAL DATA: (CONTINUED)

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

Equipment Nomenclature	Procuring Appropriation	Fiscal Year Appropriated <u>Or Requested</u>	Cost (\$000)
UPS 500 KVA	OPA	2005	359
IDS Equipment	OPA	2006	26
Generator2-600KVA	OPA	2006	1,200
Info Sys - ISC	OPA	2005	2,284
Info Sys - PROP	OPA	2005	344
		TOTAL	4,213

Installation Engineer: Natalie Koyanagi

Phone Number: (808) 656-1175

1.COMPONENT											2.DATE	
	<b>FY</b> 2	004	MILI	TAI	RY C	CONST	RUCTI	ON I	PROJ	ECT DATA		
ARMY											06	FEB 2003
3.INSTALLATION AN	D LOCAT	ION					4.PROJ	JECT	TITLE	<u> </u>		
Schofield Barı	cacks											
Hawaii					Barr	acks	s Co	mplex - 0	Capron R	oad Ph 2		
5.PROGRAM ELEMENT	1	6.CATE	EGORY CODE		7	.PROJ	ECT NUI	MBER		8.PROJECT	COST (\$00	0)
										Auth		
22696A			721				4878	4		Approp	49,	000
				9	.cos	T EST	'IMATES					
	ITEM			UM	(M/	E)		QUAN	TITY			
PRIMARY FACILI	YTI											34,214
Barracks				m2	(SF	')	6,	480	(	69,750)	2,122	
Multipurpose (				EΑ				1			97,000	(97)
Company Operat	cions	Facil	ities	m2	(SF	')	5,	466	(	58,836)	2,400	(13,120)
Soldiers Gear Wash Area				m2	(SF	')		544	(	5,856)	2,051	(1,116)
IDS Installati	ion			LS								(35)
Total from Continuation page												(6,098)
SUPPORTING FAC	CILITI	ES										10,043
Electric Servi	ice			LS								(1,353)
Water, Sewer,	Gas			LS								(981)
Steam And/Or (	Chille	d Wat	er Dist	LS								(1,049)
Paving, Walks	, Curb	s & G	utters	LS								(1,127)
Storm Drainage	2			LS								(1,603)
Site Imp( 1,45	57) De	mo( 1	,275)	LS					(2,732)			
Information Sy	ystems			LS					(1,193)			
Antiterrorism	/Force	Prot	ection	LS								(5)
ESTIMATED CONT	FRACT	COST										44,257
CONTINGENCY PR	ERCENT	(5.	00%)									2,213
SUBTOTAL												46,470
SUPV, INSP & OVERHEAD (6.50%)												3,021
TOTAL REQUEST												49,491
TOTAL REQUEST (ROUNDED)												49,000
INSTALLED EQT-	-OTHER	APPR	OP									(1,421)
10.Description of Prop	osed Const	truction	This	3 00	1 crmc	ex w	ลร ลบ	thoi	rize	d in FY 2	2003  for	\$149

10.Description of Proposed Construction This complex was authorized in FY 2003 for \$149 million. The FY 2003 appropriation was \$49 million. Construct a barracks complex including barracks, eight company operations facilities with covered gear wash areas (two large and six small), and a multi-purpose court. Install intrusion detection systems (IDS). Anti-terrorism/force protection (AT/FP) will be provided by structural reinforcement, special windows and doors, and site measures. AT/FP costs are high because site constraints prevent having the normal standoff distances between buildings and roads and parking areas. Supporting facilities include utilities; electric service; exterior lighting; fire protection and alarm systems; paving, walks, curbs and gutters; parking; storm drainage; information systems; site improvements; and road improvements. The supporting facility costs are high due to relocation of utility lines, road improvements, relocation of telephone/local area network (LAN)/oceanic cables, and the demolition (four buildings - 10,153 SM). Access for the handicapped will be provided. Air conditioning (160 tons) will be provided. Comprehensive building and furniture related interior design services are required.

1.COMPONENT 2.DATE **FY** 2004 MILITARY CONSTRUCTION PROJECT DATA ARMY 06 FEB 2003 3.INSTALLATION AND LOCATION Schofield Barracks, Hawaii 4.PROJECT TITLE 5 PROJECT NUMBER Barracks Complex - Capron Road Ph 2 48784 COST ESTIMATES (CONTINUED) Unit Cost Item UM (M/E) OUANTITY COST (\$000) PRIMARY FACILITY (CONTINUED) Antiterrorism Force Protection LS (5, 265)Building Information Systems LS (833)6,098 Total 4,377 PN ADQT: 2,821 PN SUBSTD: 1,556 PN 11. REQ: <u>PROJECT:</u> Construct a barracks complex. (Current Mission) <u>REQUIREMENT:</u> This project is required to provide living and working conditions for soldiers that meet current standards. Maximum and intended utilization is 180 soldiers. The existing World War II (WWII) era, gang latrines CURRENT SITUATION: barracks are substandard and are severely deteriorated. The existing operational facilities are too small and located in the barracks. IMPACT IF NOT PROVIDED: If this project is not provided, soldiers will continue to live and work in substandard and deteriorated facilities, which will adversely impact morale, retention, and readiness. This project has been coordinated with the installation physical security plan and all physical security measures are included. Also, all required anti-terrorism/force protection (AT/FP) measures are included. An economic analysis has been prepared and utilized in evaluating this project. This project is the most cost-effective method to satisfy the requirement. Sustainable principles will be integrated into the development, design and construction of the project in accordance with Executive Order 13123 and other applicable laws and Executive Orders. JOINT USE CERTIFICATION: The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. Mission requirements, operational considerations, and location are incompatible with use by other components. During the past two years, \$6.0M has been spent on sustainment, restoration and modernization (SRM) (formerly known as Real Property Maintenance) of unaccompanied enlisted personnel housing at Schofield Barracks. Upon completion of this project, and other projects approved through FY 2004, the remaining unaccompanied enlisted permanent party personnel deficit will be 1,076 soldiers at maximum occupancy at this installation. A parametric cost estimate based upon project engineering design was used to develop this budget estimate.

1.COMPONENT	THE 0004 N	TI TENDU GONGEDUGETON DD		2.DATE				
ARMY	<b>FY</b> 2004 <b>M</b>	ILITARY CONSTRUCTION PRO	DJECT DATA	በ6 ፱፱	EB 2003			
3.INSTALLATION AN	L ND LOCATION			00 F	2005			
Schofield Barr	racks, Hawaii							
4.PROJECT TITLE			5.PROJECT N	NUMBER				
Dannagka Comp	lex - Capron Roa	d Dh 2		405	784			
Ballacks Comp.	lex - Capion Roa	IC PII Z		407	704			
12. SUPPLEMEN	NTAL DATA:							
A. Estir	mated Design Dat	a:						
(1)	Status:	_						
	_	n Started						
		omplete As Of January 200 Designed						
		n Complete						
	<del>-</del>	Cost Estimating Used to						
	(f) Type of De	sign Contract: Design-l	bid-build					
(0)								
(2)	Basis: (a) Standard o	or Definitive Design: Y	r c					
		Recently Used:	E O					
	Schofield	_						
(3)	_	ost(c) = (a) + (b) OR(d)		٠.	000)			
		of Plans and Specification Design Costs						
		gn Cost						
	(e) In-house			2	2,760			
(4)				556	0000			
(4)	Construction Co	ontract Award		<u>DEC</u>	2003			
(5)	Construction St	art		<u>FEB</u>	2004			
(6)	Construction Co	empletion	• • • • • • • • • • •	<u>OCT</u>	2006			
B. Equip	oment associated	l with this project which	h will be pı	covided fr	rom			
other approp			-					
				al Year				
Equipment		Procuring		opriated	Cost			
Nomenclati	<u>ire</u>	<u>Appropriation</u>	<u>Or Re</u>	equested	<u>(\$000)</u>			
IDS Equipmen	nt	OPA	2005	5	49			
Info Sys - 3		OPA	2005		829			
_	Info Sys - PROP OPA 2005 543							
			TOT	ΓAL	1,421			

Installation Engineer: COL William E. Ryan III

Phone Number: (808) 656-1289
PREVIOUS EDITIONS MAY BE USED INTERNALLY
UNTIL EXHAUSTED

1.COMPONENT									0 Dame	
1.COMPONENT	<b>FY</b> 2	004 <b>MTT.</b>	ГТАБ	Y CON	יאוואיי	יד או פו	RO.TE	ECT DATA	2.DATE	
ARMY		001 11111			DINCE.			JC1 <i>D</i> 11111	06	FEB 2003
3.INSTALLATION AND	LOCAT	ION			4.PF	ROJECT T	TITLE			
Schofield Barra	acks									
Hawaii					Bat	racks	Cor	mplex - (	Quad E	
5.PROGRAM ELEMENT		6.CATEGORY CODE		7.P	ROJECT I				COST (\$00	0)
								Auth	49,	000
22696A		721			522	268		Approp	49,	000
			9	.COST	ESTIMAT.	ES		·		
]	ITEM		UM	(M/E)		QUANT	TITY			
PRIMARY FACILIT	ГҮ									34,262
Ren Barracks Bl	ldg 5	52	m2	(SF)	:	2,769	(	29,805)	1,610	(4,458)
Ren Barracks Bl	ldg 5	51	m2	(SF)	Į.	5,345	(	57,533)	1,610	(8,605)
Ren COF/Btn HQ	Bldg	549	m2	(SF)	4	1,933	(	53,098)	1,511	(7,452)
Ren COF/Btn HQ	Bldg	550	m2	(SF)	į.	5,917	(	63,690)	1,397	(8,265)
Covered Gear Wa	ash		m2	(SF)		19	(	204.51)	2,630	(50)
Total from Co	ontin	uation page			<u></u>					(5,432)
SUPPORTING FACI	LITI	ES								8,436
Electric Servic	ce		LS							(756)
Water, Sewer, G	Gas		LS							(1,947)
Steam And/Or Ch	nille	d Water Dist	LS							(1,631)
Paving, Walks,	Curb	s & Gutters	LS							(1,259)
Storm Drainage			LS							(1,607)
_	)) Der	mo( )	LS							(550)
Information Sys	stems		LS							(680)
Antiterrorism/F	Force	Protection	LS			•				(6)
ESTIMATED CONTR	RACT (	COST								42,698
CONTINGENCY PER	RCENT	(5.00%)								2,135
SUBTOTAL										44,833
SUPV, INSP & OV	/ERHE	AD (6.50%)								2,914
DESIGN/BUILD -	DESI	GN COST								1,708
TOTAL REQUEST										49,455
TOTAL REQUEST (	(ROUN	DED)								49,000
INSTALLED EQT-C	OTHER	APPROP								( )
10.Description of Propos	ed Const	ruction Reno	ovat	e two	build	dings :	in (	Quad E to	o provid	е
barracks; and r	cenova	ate two other	s bu	uildir	ıgs in	Quad 1	E to	o house t	two smal	1
battalion headq	_			_						
and six small).	. Ins	tall intrusio	on d	letect	ion s	stem	(IDS	S) in arr	ns vault	s.
Anti-Terrorism	Force	e Protection	ra)	T/FP)	will }	oe pro	vide	ed by sta	ructural	
reinforcement,	spec	ial windows a	and	doors	, and	site 1	meas	sures. Su	apportin	g
facilities incl	lude 1	utilities; el	lect	ric s	ervice	e; fire	e pı	rotection	n and al	arm
systems; paving	g, wai	lks, curbs ar	nd g	gutter	s; st	orm dra	aina	age; info	ormation	
systems; and si										
the requirement										
plant located in Quad F. Air conditioning (456 tons) will be provided. Access										
for the handica							bu	ilding ar	nd furni	shings
related interio	or de	sign services	s ar	re req	uired					
			_							
11. REQ:		,377 PN ADQ				321 PN				1,556 PN
	rate :	four building	gs t	o pro	vide a	a barra	acks	s complex	k. (Curr	ent
Mission)										

		2.1	DATE
LITARY CONSTR	UCTION PROJEC	T DATA	
			06 FEB 2003
	5	.PROJECT NUMB	ER
			52268
)			
		Uni	it Cost
UM (M/E)	QUANTITY	COS	ST (\$000)
LS			- (30)
			(4 040)
LS			- (4,249)
LS LS			- (4,249) - (1,153)
	) UM (M/E)	) UM (M/E) QUANTITY LS	DITARY CONSTRUCTION PROJECT DATA  5.PROJECT NUMB  UM (M/E) QUANTITY COS

<u>REQUIREMENT:</u> This project is required to provide living and working conditions for soldiers that meet current standards. Maximum and intended utilization is 150 soldiers.

<u>CURRENT SITUATION:</u> The existing World War II (WWII) era, gang latrine barracks are substandard and have deteriorated utility systems. The existing operational and administrative facilities are too small and located in the barracks.

IMPACT IF NOT PROVIDED: If this project is not provided, soldiers will continue to live and work in substandard and deteriorated facilities, which will adversely impact morale, retention, and readiness.

ADDITIONAL: This project has been coordinated with the installation physical security plan and all physical security measures are included. Also, all required anti-terrorism force protection measures are included. An economic analysis has been prepared and was utilized in evaluating this project. This project is the most cost-effective method to satisfy the requirement. Sustainable principles will be integrated into the development, design and construction of the project in accordance with Executive Order 13123 and other applicable laws and Executive Orders. This MCA project and an OMA funded project ( PN 52269 ) will completely renovate four Quad E buildings. JOINT USE CERTIFICATION: The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. Mission requirements, operational considerations, and location are incompatible with use by other components. During the past two years, \$6.0M has been spent on sustainment, restoration and modernization (SRM) (formerly known as Real Property Maintenance) of unaccompanied enlisted personnel housing at Schofield Barracks. Upon completion of this project, and other projects approved through FY 2004, the remaining unaccompanied enlisted permanent party personnel deficit will be 1,076 soldiers at maximum occupancy at this installation. A parametric cost estimate based upon project engineering design was used to develop this budget estimate.

1.COMPONENT	T				2.DATE					
I.COMPONEN	1	FY 2004 MILITARY CON	STRUCTION PROJE	יכיד האידא	Z.DAIE					
ARMY		ri 2004 Milliani Con	SIRUCIION FROOD	CI DAIA	06 55	в 2003				
3.INSTALLA		D LOCATION			00 FE	B 2003				
3 · 11.5 11.12.11		2 200:1:101.								
Cabofiol	d Daw	acks, Hawaii								
4.PROJECT		acks, nawall		5.PROJECT N	TIMDED					
4.PROUECI	11111			J.PROUECI N	OMBEK					
Downo alsa	Comp	or Oued E			E 2 2	60				
Barracks	Comp.	ex - Quad E			522	80				
10 (110)	ים אים דר	י מיים דע היים יים איים דע היים איים דע היים איים דע היים איים היים איים היים איים היים איים היים איים היים אי								
		TAL DATA:								
Α.		nated Design Data:								
	(1)	Status:			T 7 3 T	2002				
		(a) Date Design Started								
		(b) Percent Complete As O								
		(c) Date 35% Designed								
		(d) Date Design Complete.								
		(e) Parametric Cost Estim			SLS	YES				
		(f) Type of Design Contra	ct: Design-bui	.10						
	(0)	B. 1.								
	(2)	Basis:	D ' . 370							
		(a) Standard or Definitive	e Design: NO							
	(2)		\	<b>\</b>		22)				
	(3)	Total Design Cost (c) = (a			(\$0					
		(a) Production of Plans and Specifications 300								
		(b) All Other Design Costs								
		(c) Total Design Cost								
		(d) Contract								
		(e) In-house			• • •	<u> 250</u>				
			_							
	(4)	Construction Contract Awar	d		<u>JAN</u>	2004				
	<i>(</i> <b>-</b> <i>)</i>									
	(5)	Construction Start			<u>APR</u>	2004				
	(6)	Construction Completion			<u>MAR</u>	<u>2006</u>				
В.		ment associated with this	project which w	vill be pr	ovided fr	om				
other a	approp	riations:								
		_			l Year	_				
	pment	Procur			priated	Cost				
Nome	nclati	<u>Approp</u>	<u>riation</u>	<u>Or Re</u>	quested	<u>(\$000)</u>				
		N.	A							

Installation Engineer: COL William E. Ryan III

1.COMPONENT									2.DATE	
	<b>FY</b> 2	004	MIL	ITAR	Y COI	STRUCTION PR	ROJEC	T DATA		
ARMY									06	FEB 2003
3.INSTALLATION AN	D LOCAT	'ION				4.PROJECT TI	ITLE			
Schofield Barı	racks									
Hawaii						Land Acqu	uisit	ion		
5.PROGRAM ELEMENT	i	6.CATEG	ORY CODE	<u> </u>	7.P	ROJECT NUMBER	8	.PROJECT	COST (\$00	00)
							A	uth	19,	400
78018A			911			55270	A	pprop	19,	400
				9.	.COST	ESTIMATES				
	ITEM			UM	(M/E)	QUANT	TTY			
PRIMARY FACILI	CTY									19,400
Purchase Land				ha	(AC)	567.37 (	(	1,402)	34,193	(19,400)
SUPPORTING FAC	CILITI	ES		†						
ESTIMATED CONT	TRACT	COST		+						19,400
CONTINGENCY PE			읗)							0
SUBTOTAL	шсыг	(.00	0 /							19,400
SUPV, INSP & (	жььнь	ΔD (	00 %)							0
TOTAL REQUEST	, v LICIIL.	( .	00 0,							19,400
TOTAL REQUEST	( ROIIN	ו משת								19,400
INSTALLED EQT-	-	-	D							(0)
INSTAULED EQT	OTHER	AFFRO	F							(0)
10.Description of Prop			Diir	ahaa.	0 1 /	l 102 acres of	foo	aimplo	land fr	- Om
Campbell Estat								_		
proposed usage										
						_		_	_	
artillery firm									rea zone	and
Accident Poter	ıtıaı	Zone N	umber	one .	ror v	Mieerer Army	AILI	itela.		
11 000		000 1-	- 700			14 040 1	OTT.			0 710 -
11. REQ:		-	a ADQ'			14,949 ha		BSTD:		9,718 ha
			acres (	oi ad	adıtı	ional land ad	djace	ent to	Schofiel	a
Barracks. (New		•								
REQUIREMENT:						equired for r				
construction of										
including the										
state of the a										
implementation										
Cleared Zone a					tial	Zone One thr	rough	1 Three	to allo	w all
flights into V	Wheele	r Army	Airfi	eld.						
CURRENT SITUAT	CION:	Acco	rding '	to tl	he pr	refinal Land	Use	and Re	quiremen	.ts
Study, there	ls a 8	0,000	acre (	32,0	00 he	ectares) shor	rtfal	l in t	raining	and

1.COMPONENT	FY	2004	MILITARY	CONSTRUCTION	PROJEC	T DATA	2.DATE
ARMY		2001					06 FEB 2003
3.INSTALLATION AN	D LOCATIO	N					
Schofield Barr	acks, E	Hawaii					
4.PROJECT TITLE					5	.PROJECT	NUMBER
Land Acquisiti	lon						55270

#### CURRENT SITUATION: (CONTINUED)

infrastructure is old and requires significant upgrading for greater efficiency and maneuverability. A motor pool study completed in June 2000 categorized the majority of the existing motor pools as substandard. The motor pools lacked the necessary building and hardstand space to perform required vehicle maintenance. In order to bring the motor pool facilities to current Army standards, additional acreage is needed for expansion and upgrades. The installation of Schofield Barracks does not have available open acreage for these necessary expansions.

IMPACT IF NOT PROVIDED: If the additional land is not provided, Army transformation will be negatively affected, as upgrades of the motor pool will not be possible, infrastructure will continue to degrade, and disruption to future flight patterns into Wheeler Army Airfield will continue at risk due to safety zones. This will have a negative impact on combat readiness as it compromises the 25th Infantry Division (Light)'s capability to train at optimal levels.

ADDITIONAL: This project has been coordinated with the installation physical security plan and no physical security measures are required. No anti-terrorism/force protection measures are required. An economic analysis has been prepared and utilized in evaluating this project. This project is the most cost-effective method to satisfy the requirement. JOINT USE CERTIFICATION: The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. This facility will be available for use by other components.

Installation Engineer: Natalie Koyanagi
Phone Number: 808-656-1175

1.COMPONENT						<u> </u>	2.DATE		
	<b>FY</b> 20	004 <b>MIL</b> I	ITARY	CONS	TRUCTION PROJ	FCT DATA			
ARMY					1.		06 FEB 2003		
3.INSTALLATION AN		ION			4.PROJECT TITL				
Schofield Barr	acks								
Hawaii					Mission Tra		_		
5.PROGRAM ELEMENT 6.CATEGORY CODE			!	7.PRO	JECT NUMBER	8.PROJECT	COST (\$00	00)	
						Auth	33,	000	
22696A 171					57227	Approp	33,	000	
			9.C	OST ES	TIMATES				
	ITEM		UM (N	M/E)	QUANTITY	7			
PRIMARY FACILI							_	23,832	
Mission Suppor			m2 (S	SF)	8,343 (	89,803)	2,547		
Antiterrorism		Protection	LS					(173)	
IDS Installati			LS					(48)	
Building Infor	rmatior	n Systems	LS					(2,362)	
CLIDDODELNIC EN	NTT TMTT	a.a.						6 120	
SUPPORTING FAC		<u> </u>	т С					6,120	
Electric Servi			LS					(1,694)	
Water, Sewer,			LS				(392)		
Paving, Walks,		& Gutters		LS				(832)	
Storm Drainage		,	LS					(412)	
Site Imp(2,12		no( )	LS					(2,125)	
Information Sy	rstems		LS					(665)	
								ļ	
ESTIMATED CONT	TRACT (	COST						29,952	
CONTINGENCY PE								1,498	
SUBTOTAL	пседи	(3.000)						31,450	
	)VERHEZ	AD (6.50%)						2,044	
SUPV, INSP & OVERHEAD (6.50%) TOTAL REQUEST								33,494	
TOTAL REQUEST (ROUNDED)								33,000	
INSTALLED EQT-	-	•						(3,475)	
	O 111111							(3,173)	
10.Description of Propo	osed Const	ruction Cons	ı struct	a M	ission Suppor	rt Trainin	g Facil	ity to	

10.Description of Proposed Construction Construct a Mission Support Training Facility to support training requirements of the 25th Infantry Division. This facility will house organizations and functions required to conduct embedded war-fighting simulation operations to support Medium Brigade, Joint, and Combined Arms simulation training. The facility includes Reconfigurable Tactical Operations Centers (TOC), Simulation Work Cells to support Joint Army Navy Uniform Simulation/Force XXI Battle Command Brigade and Below, Exercise Control, Simulation Control, Corps Battle Simulation/Opposing Forces, Digital Classrooms, Virtual Leaders Effects Trainer, Fire Effects Trainer, Reachback Sensitive Compartmented Information Facility (SCIF), Technical Shop, conference room, breakroom, administrative office spaces, storage rooms, restrooms, telecommunications rooms, mechanical rooms, and electrical rooms. Install an intrusion detection system (IDS) for the SCIF. The project will also include an exterior gravel pad for TOCs and a secured fenced area adjacent to the SCIF. Anti-terrorism/force protection (AT/FP) will include special windows and doors, and site measures. Supporting facilities include utilities; sanitary sewer; storm drainage; electric service to include conditioned power (OPA-funded); exterior lighting; fire protection and alarm systems; paving, walks, curbs, and gutters; parking; information systems,

I.COMPONENT	FY	2004	MILITARY	CONSTRUCTION	PROJEC	T DATA	2.DATE			
ARMY		2001					06 FEB 2003			
3.INSTALLATION AND LOCATION										
Schofield Barr	cacks, F	Hawaii								
4.PROJECT TITLE					5	.PROJECT	NUMBER			
Mission Traini	na Supr	ort Fa	acility				57227			

#### DESCRIPTION OF PROPOSED CONSTRUCTION: (CONTINUED)

intra-communications, and intercommunications systems; and site improvements. Project will also include emergency back-up power for the facility (OPA-funded). The high cost of supporting facilities is due to excavation required at the site and the unusually large power requirements to support equipment and cooling requirements. Access for the handicapped will be provided. Air conditioning: 330 tons. Comprehensive interior design services are required.

11. REQ: 8,343 m2 ADQT: NONE SUBSTD: 8,343 m2 Construct a mission support training facility. (New Mission) PROJECT: REQUIREMENT: This project is required to provide a consolidated training facility supporting transformation of elements of the 25th Infantry Division (Light). The required training facility will house sophisticated simulator equipment necessary to train the Division to meet the strategic, operational, and tactical responsiveness required under transformation to be able to deploy anywhere in the world within 96 hours of notification. The final platform in simulation training is to be totally digital. The project is required to provide a training facility capable of supporting average daily throughput of 100 soldiers and a maximum throughput of 300 soldiers during major training exercises.

CURRENT SITUATION: Currently, there are no facilities on base that can be renovated to support the training needs of the 25th Infantry Division. There are no facilities to support the training needs of a proposed Stryker Brigade to ensure a successful transformation of the Army's light brigades to Stryker Brigades. Existing facilities considered for renovation are inadequately sized, lacks proper space and infrastructure. Local area network and telecommunications systems are limited and inadequate to support the projected telecommunications infrastructure needed for current and future constructive and virtual training simulations. Existing structures have limited accessibility for individuals with disabilities and minimum fire protection provisions. Physical security, anti-terrorism, and force protection requirements will be difficult to meet. Providing adequate setback requirements to separate buildings to mitigate bomb threats would be very difficult. Retrofitting the existing structures for blast protection is even more difficult to accomplish.

IMPACT IF NOT PROVIDED: If this project is not provided, the 25th Infantry will not achieve its future constructive and virtual training requirements. The 25th Infantry Division will not be able to support the training of the proposed Stryker Brigade and the US Army's Transformation goals. Training plays an essential part in the success of the Army's mission to be combat ready. It takes up approximately 33 percent of the actions required for the combat readiness effort. New simulations, constructive and virtual, are used to maximize the effectiveness of US Army training, which will be housed in this facility. There will be a negative impact on the US Army and its combat

1.COMPONENT		0004		G011GED11GET011		~=		Z.DAIE		
	F.X	2004	MILLITARY	CONSTRUCTION	PROJE	C.I.	DATA			
ARMY								06	FEB	2003
3.INSTALLATION AND LOCATION										
Schofield Barı	racks, I	Hawaii								
4.PROJECT TITLE						5.PI	ROJECT N	NUMBER		
Mission Train	ing Supp	port Fa	acility					Ĭ	57227	,

#### IMPACT IF NOT PROVIDED: (CONTINUED)

readiness effort if this facility is not provided.

ADDITIONAL: This project has been coordinated with the installation physical security plan and all physical security measures are included. Also, all anti-terrorism/force protection (AT/FP) measures are included. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement. Sustainable principles will be integrated into the development, design and construction of the project in accordance with Executive Order 13123 and other applicable laws and Executive Orders. JOINT USE CERTIFICATION: The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. This facility will be available for use by other components. A parametric cost estimate based upon project engineering design was used to develop this budget estimate.

## 12. SUPPLEMENTAL DATA:

- A. Estimated Design Data:
  - (1) Status:

(a)	Date Design Started	<u>APR 2002</u>
(b)	Percent Complete As Of January 2003	40.00
(C)	Date 35% Designed	NOV 2002
(d)	Date Design Complete	AUG 2003
/ - \	December of Contraction Head to December 0	T/DC

- (e) Parametric Cost Estimating Used to Develop Costs _____YES
- (f) Type of Design Contract: Design-bid-build
- (2) Basis:
  - (a) Standard or Definitive Design: NO

(3)	Tota	1 Design Cost $(c) = (a)+(b)$ OR $(d)+(e)$ :	(\$000)
	(a)	Production of Plans and Specifications	1,785
	(b)	All Other Design Costs	315
	(c)	Total Design Cost	2,100
	(d)	Contract	1,565
	(e)	In-house	535

- (6) Construction Completion..... <u>MAY 2005</u>

1.COMPONENT						2.DATE				
ARMY	<b>FY</b> 2004 <b>M</b>	ILITARY CONS	STRUCTION	PROJECT	DATA	06	FEB 2	2003		
3.INSTALLATION AND LOCATION										
Schofield Barr	acks, Hawaii									
4.PROJECT TITLE				5.P	ROJECT N	UMBER				
Mission Traini	ng Support Faci	lity					57227			

## 12. SUPPLEMENTAL DATA: (CONTINUED)

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

		Fiscal Year	
Equipment	Procuring	Appropriated	Cost
<u>Nomenclature</u>	<u>Appropriation</u>	Or Requested	<u>(\$000)</u>
IDS Equipment	OPA	2005	25
UPS- 200KVA	OPA	2005	364
Power Conditioner-1500 KVA	OPA	2005	85
Upgrade PW	OPA	2005	675
DOIM Commo Upgrades	OPA	2005	1,320
Network Hardware	OPA	2005	251
SICUPS (66)	OPA	2005	196
RWS (48)	OPA	2005	101
RWS (6) Hand Built	OPA	2005	3
Info Sys - ISC	OPA	2005	211
Info Sys - PROP	OPA	2005	244
		TOTAL	3,475

Installation Engineer: Natalie Koyanagi

Phone Number: (808) 656-1175

1. COMPONENT	127	2004 200E MTT	אמעעעד	YONTOTTOT T	OTTON DOO	MACE		2. DA	TID
ARMY								6 F	eb 2003
2 TATOMATTAMECAL AND TO	CAUTON	4 (0) (0)	MD					F 3D	EA CONCUENTANT
3. INSTALLATION AND LO	CATION	4. COMMA	UND			5. AREA CONSTRU			
								CO	ST INDEX
Helemano Military F		US Army Pac	liic						
Hawaii (Fort Shafte	r)								1.71
6 DEDGOLDER GERMAN			~~~~			~~~~~			
6. PERSONNEL STRENG			STUDEN			SUPPC			
		ST CIVIL OFFI							OTAL
A. AS OF 30 SEP 200		:58 84	0	0	0	0	0	0	580
B. END FY 2007	38 4	82 85	0	0	0	0	0	0	605
		7. INV			\$000)				
A. TOTAL AREA		117 ha (							
B. INVENTORY TOT	AL AS OF 30 S	EP 2002					34	46,331	
C. AUTHORIZATION								0	
D. AUTHORIZATION	REQUESTED IN	THE FY 2004 PR	OGRAM					1,400	
E. AUTHORIZATION	INCLUDED IN T	HE FY 2005 PRO	GRAM				4	15,000	
F. PLANNED IN NE	XT THREE YEARS	(NEW MISSION	ONLY)				4	14,000	
G. REMAINING DEF	'ICIENCY							0	
H. GRAND TOTAL							39	91,731	
8. PROJECT APPROPRI	ATIONS REQUEST	ED IN THE FY 2	004 PRO	GRAM:					
CATEGORY PROJECT	1					COST		DESIGN	STATUS
CODE NUMBER	PF	OJECT TITLE				(\$000	1)	START	COMPLETE
911 57802	Land Easemen	ıt				1,	400		
				TOTA	Ĺ	1,	400		
9. FUTURE PROJECT A	PPROPRIATIONS:								
CATEGORY						COST			
CODE	PF	OJECT TITLE				(\$000	1)		
A. REQUESTED IN	THE FY 2005 F	ROGRAM:							
851	Tank Trail <i>P</i>	rea X-Helemano	)			17,	000		
851	Drum Road Up	grade PH 1				28,	000		
				TOTA	L	45,	000		
				_		- /			
B. PLANNED NEXT	'THREE PROGRAM	I YEARS (NEW MI	SSION (	NLY):					
851	Drum Road Up	•		,		44.	000		
						,			
				TOTA	τ.	44.	000		
					_	,			
C. DEFERRED SUS	TATNMENT. REST	ORATION. AND M	IODERNT 2	MOTTAS	(SRM):	232,	568		
2. 22. 2.402 000					/	2021			
10. MISSION OR MAJO	R FINATIONS:								
The primary mis		5 Signal Ratta	olion is	s to pr	ovide com	mınicə+	ion e	innort f	or the 25
Infantry Division's				_					
_				.атпти9	racrircy	TOT UI	c bear	JULINE D	IVIDIOII SCACIOII
headquarters. Suppo	TC U.S. ALINY A	IN DOD ACCIVIL	TC9.						

ARMY	FY 2004-2005 MILITARY CONSTRUCTION PROGRAM	2. DATE 6 Feb 2003
INSTALLATION	AND LOCATION: Helemano Military Reservation Hawaii	
11 0		
II. OUTSTANDING POL	LUTION AND SAFETY DEFICIENCIES: (5	\$000)
A. AIR POLLUTIO		0
B. WATER POLLUT	ION SAFETY AND HEALTH	0
C. OCCUPATIONAL	CALEII AND HEALIN	Ü
	ost to remedy the deficiencies in all exiting permanent and s n is \$232,568,000, based on the Installation Status Report Ir	

1.COMPONENT								2.DATE	
, , , , , , , , , , , , , , , , , , , ,	<b>FY</b> 20	004	MIL	ITARY	CON	STRUCTION PRO	JECT DATA		
ARMY		001							FEB 2003
3.INSTALLATION AN	D LOCAT	ION				4.PROJECT TIT	rle		122 2000
Helemano Milit	arv Re	eserv:	ation						
Hawaii	2012 / 111					Land Easen	nent		
5.PROGRAM ELEMENT		6.CATE	GORY COD	E	7.P	ROJECT NUMBER		COST (\$00	00)
					Auth		400		
78018A			911			57802	Approp	-	400
70010A			711	9.	COST	ESTIMATES		± ,	100
PRIMARY FACIL	ITEM			UM (	(M/E)	QUANTI:	ΓΥ		1,400
		aomon	_	ha (	701	6 00 1	17\	202 400	
Purchase Roadway Easement			ha (	AC)	6.88 (	17)	203,489	(1,400)	
SUPPORTING FAC	CILITI	E <u>S</u>							
ESTIMATED CONT	רפשטיי (	70ST							1,400
CONTINGENCY PE			۱ و ۱						0
SUBTOTAL	RCENT	( . 0 )	J %)						1,400
	), the line.	7D /	00 %						_
SUPV, INSP & (	)VERHE	AD (	.00 6)						1 400
TOTAL REQUEST	/ n o - n	\							1,400
TOTAL REQUEST	•								1,400
INSTALLED EQT-	-OTHER	APPR	OP						(0)
10.Description of Prop	osed Const	ruction	Pur	chase	lar	nd in a perpet	tual easem	ent esta	te for
use as a road	from S	Schof	ield Ba	rrack	s Mi	llitary Reserv	ation to	Helemano	)
Military Reser	rvatio	n (a s	subinst	allat	ion	of Fort Shaft	ter). The	proposed	length
of the road is	appro	oxima	tely 6.	5 mil	es 1	long and 21 fe	eet wide.	Total ac	reage
amounts to app	proxima	ately	17 acr	es.					
11. REQ:		7 ]	na ADQ	T:		NONE	SUBSTD:		NONE
	chase a	a peri	petual	easem	ent	for a roadway	from Sch	ofield B	arracks
Military Reser						_			
Fort Shafter).						7 110201 (40101	1(0 200112	04114010	0-
REQUIREMENT:				regui	rod	to provide a	nernetual	Aagaman	t for
land in suppor									IIOIII use
of public road									
requirement is								r use si	nce this
area is subjec									
CURRENT SITUAT						cansit from So			
Reservation or	n Wilil	kina 1	Orive o	nto K	amar	nanui Road the	en to Kame	hameha H	Iighway
to Kahuku and	Kawai:	loa T	raining	Area	s to	conduct mili	itary trai:	ning exe	rcises.
1		-				_		-	

1.COMPONENT	<b>FY</b> 2004	MILITARY CONSTRUCTION	PROJECT DATA	2.DATE
ARMY	11 2001	minimi constituction	INCOLCT DILL	06 FEB 2003
3.INSTALLATION AN	D LOCATION			
Helemano Milit	ary Reservati	ion, Hawaii		
4.PROJECT TITLE			5.PROJEC	T NUMBER
Land Easement				57802

#### CURRENT SITUATION: (CONTINUED)

local residents and tourists use the roadways. The elevation/grade from Schofield Barracks Military Reservation on Kamehameha Highway to the training areas are steep and when returning from training at Kahuku or Kawailoa the heavy military vehicles must travel well below posted speed limits. Use of the existing highway creates traffic congestion and road damage. Military convoys traversing this public road slow down the flow of all traffic on the road and create dangerous situations as cars attempt to pass large convoys with the potential for head-on crashes. Dirt, rocks and debris from the vehicles are deposited on the public roads creating hazardous driving conditions. The Army is currently preparing to upgrade an existing military road from Helemano Military Reservation to Kahuku and Kawailoa Training areas. This road is known as Drum Road. This new road would tie into Drum Road and remove all heavy military vehicles from the existing public roads.

IMPACT IF NOT PROVIDED: If the additional land is not provided, transformation and the combat readiness of the 25th Infantry Division (Light) will be negatively impacted as its ability to train at optimal levels will be compromised. Continued residential development and high tourism will exacerbate the situation as the existing transportation infrastructure cannot support the heavy combined military and public use. The use of Kahuku and Kawailoa Training Areas will be severely restricted, negatively impacting future training and degrading combat readiness. The risk of serious accidents will remain as there is only one public road to Helemano and military vehicles must turn left from Kamananui Road onto Kamehameha Highway which is very dangerous since vehicles travel at highway speeds.

ADDITIONAL: This project has been coordinated with the installation physical security plan and no physical security measures are required. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet this requirement. JOINT USE CERTIFICATION: The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that the project has been considered for joint use potential. This facility will be available for use by other components.

Installation Engineer: Natalie Koyanagi Phone Number: 808-656-1175

# DEPARTMENT OF THE ARMY

#### FISCAL YEAR 2004

## MILITARY CONSTRUCTION (PART I)

(DOLLARS ARE IN THOUSANDS)

STATE		INSTALLATION (COMMAND/REGION)				NEW/	
	PROJECT		i	AUTHORIZATION	APPROPRIATION	CURRENT	
	NUMBER	PROJECT TITLE		REQUEST	REQUEST	MISSION	PAGE
			-				
Kansas		Fort Riley (FORSCOM/NWRO)					81
	36388	Barracks Complex - Graves Street		40,000	40,000	C	83
		Subtotal Fort Riley PART I	\$	40,000	40,000		
		* TOTAL MCA FOR Kansas	\$	40,000	40,000		

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Foi	MY				COINDIICO	CTION PRO	OGRAM			ATE	
Foi									06	FEB 2003	
	STALLATION AND LO	4. CC	4. COMMAND						5. AREA CONSTRUCTION COST INDEX		
	rt Riley	US Army Fo	rces Com	nand							
Kar	nsas		(Installat	(Installation Management Acty, North				hwest Region)		1.08	
6.	PERSONNEL STRENG		ANENT LIST CIVIL (	STUDI FFICER EN		VIL OFF		ORTED LIST (	TVIL :	IOTAL	
Α.	AS OF 30 SEP 200		8929 1684	0	10	0	11	79	2116	13,856	
	END FY 2008		8983 1686	0	10	0	11	79	2357	14,120	
	A. TOTAL AREA		7. 40,734 h	INVENTORY	Y DATA ( 100,65)						
	B. INVENTORY TOTAL							2.5	786,620		
	C. AUTHORIZATION								233,155		
	D. AUTHORIZATION								40,000		
	E. AUTHORIZATION								0,000		
	F. PLANNED IN NE	-							40,312		
	G. REMAINING DEF								87,382		
	H. GRAND TOTAL								.87,469		
									<u>,                                      </u>		
8.	PROJECT APPROPRI	ATIONS REQUE	STED IN THE F	TY 2004 PF	ROGRAM:						
	CATEGORY PROJECT						COS	Т	DESIG	N STATUS	
	CODE NUMBER	]	PROJECT TITLE	]			(\$00	0)	START	COMPLETE	
		Barracks C	omplex - Grav	res Street	t		40	,000	02/2002	2 07/2003	
		Barracks Co	omplex - Grav	ves Street	TOTA	L		,000	02/200	2 07/2003	
	721 36388			ves Street		L 			02/200	2 07/2003	
9.	721 36388  FUTURE PROJECT A			res Street		L.	40	,000	02/2002	2 07/2003	
9.	721 36388  FUTURE PROJECT A CATEGORY	PPROPRIATION	S:			L 	40	,000 T	02/200	2 07/2003	
9.	721 36388  FUTURE PROJECT A CATEGORY CODE	PPROPRIATION:	S: PROJECT TITLE			L 	40	,000 T	02/200:	2 07/2003	
9.	721 36388  FUTURE PROJECT A CATEGORY	PPROPRIATION:	S: PROJECT TITLE			L	40	,000 T	02/200:	2 07/2003	
9.	721 36388  FUTURE PROJECT A CATEGORY CODE	PPROPRIATION	S: PROJECT TITLE PROGRAM: NO	T INE	ATOT	L	cos (\$00	,000 T 0)	02/200:	2 07/2003	
9.	FUTURE PROJECT A CATEGORY CODE A. REQUESTED IN B. PLANNED NEXT 178	PPROPRIATION  THE FY 2005  FOUR PROGRAI  Digital Mu	S: PROJECT TITLE PROGRAM: NO M YEARS (NEW lti-purpose F	; INE MISSION ( Range Comp	TOTA	L ————	cos (\$00	,000 T 0)	02/200:	2 07/2003	
9.	FUTURE PROJECT A CATEGORY CODE A. REQUESTED IN B. PLANNED NEXT 178 179	PPROPRIATION  THE FY 2005  FOUR PROGRAI  Digital Mu	S: PROJECT TITLE PROGRAM: NO M YEARS (NEW	; INE MISSION ( Range Comp	TOTA	L	cos (\$00	,000 T 0)	02/200:	2 07/2003	
9.	FUTURE PROJECT A CATEGORY CODE A. REQUESTED IN B. PLANNED NEXT 178	PPROPRIATION  THE FY 2005  FOUR PROGRAI  Digital Mu	S:  PROJECT TITLE  PROGRAM: NO  M YEARS (NEW  lti-purpose F  rms Collectiv	; INE MISSION ( Range Comp	TOTA	L	28 11	,000 T 0)	02/200:	2 07/2003	
9.	FUTURE PROJECT A CATEGORY CODE A. REQUESTED IN B. PLANNED NEXT 178 179	PPROPRIATION THE FY 2005 FOUR PROGRAI Digital Mu Combined A	S:  PROJECT TITLE  PROGRAM: NO  M YEARS (NEW  lti-purpose F  rms Collectiv	; INE MISSION ( Range Comp	TOTA		28 11	,000 T 0)	02/200:	2 07/2003	

COMPONENT ARMY	FY 2004-2005	MILITARY CONSTRUCTION PR	:U:RAM	06 FEB 2003
INSTALLATION	AND LOCATION: Fort Riley		Kansas	
11. OUTSTANDING POL	LUTION AND SAFETY DEFICIE	NCIES:	/2006	
מדת המדוותים	NT.		(\$000	0
A. AIR POLLUTION B. WATER POLLUT				0
	SAFETY AND HEALTH			0
	ost to remedy the deficie n is \$181,609,000, based			

1.COMPONENT								2.DATE	
	<b>FY</b> 20	)04 <b>MIL</b> I	CTAF	RY CO	NSTRUCTION PR	OJECT	DATA	0.5	0000
ARMY 3.INSTALLATION AND	T O C 3 TT	TON			4.PROJECT TI	ים דים		06	FEB 2003
	LOCAI.	LOIN			4.PROUECT II	. 1 116			
Fort Riley					Downoalsa	Comple		722222	+ wo o +
Kansas 5.PROGRAM ELEMENT 6.CATEGORY CODI				7 1	Barracks PROJECT NUMBER			COST (\$00	
5.PROGRAM ELEMENT		O.CATEGORI CODE		/ . =	ROUECI NUMBER	Auth			
226067		721			26200	Appr			000
22696A		/21	0	COST	36388 ESTIMATES			40,	000
							1		
PRIMARY FACILIT	TEM		UM	(M/E)	QUANTI	ITY			28,840
Barracks	<u>_</u>		m 2	(SF)	10 609 /	11/	19/1	1,574	
Company Operati	ong I	Fagilition		(SF)	10,608 ( 4,300 (			1,545	
Special Foundat		actitutes	LS	(SF)	4,300 (	40,	204)	1,343	(1,736)
EMCS Connection			LS		_	_			
IDS Installatio			LS		_	_			(160)
		intion name	го		_	_			(63)
Total from Co SUPPORTING FACI			-						(3,538) 7,640
		<u>고고</u>	т С						
Electric Servic			LS		_	_			(757)
Water, Sewer, G Steam And/Or Ch		d Water Diet	LS		_	_			(406)
·					_	_			(168)
Paving, Walks,	Curbs	3 & Gullers	LS		_	_			(1,831)
Storm Drainage	\ D.s.	ma/ 0 4FF)	LS		_	_			(376)
Site Imp( 1,138		110( 2,455)	LS		_	_			(3,593)
Information Sys		D.,	LS		_	_			(159)
Antiterrorism/F	orce	Protection	LS		_	_			(350)
ESTIMATED CONTR	ACT (								36,480
CONTINGENCY PER									1,824
SUBTOTAL		(3.333)							38,304
SUPV, INSP & OV	ERHEA	AD (5.70%)							2,183
TOTAL REQUEST		(31:37)							40,487
TOTAL REQUEST (	ROUNI	OED )							40,000
INSTALLED EOT-O									()
111011111111111111111111111111111111111	111111	111 1 1101							( )
10.Description of Propose	ed Const	ruction Cons	stru	ıct a	barracks com	plex i	nclud	ding bar	racks,
six company ope	ratio								
extension of Gr					_				
motor pool area									
intersection im		_					_		Install
utility meters	_					_			
facilities incl				_	<del>-</del>				_
service; exteri									
paving, walks,									
systems; and si									
be provided by		_				_			
measures. Acces									
conditioning (3									
facilities cost									
with asbestos a									
and parking.		5100 01	LCGI	5/	J_ 000 _ 1119 / 011	grac		a114 400	222 1044
dia pariirig.									
11. REQ:	3	,726 PN ADQ1	Γ:		2,745 PN	SUBST	.D:		981 PN

1.COMPONENT						2.DATE			
	<b>FY</b> 2004 <b>MIL</b>	ITAF	Y CONSTR	UCTION PROJE	CT DATA				
ARMY						06	FEB 2003		
3.INSTALLATION AN	D LOCATION								
Fort Riley, Kansas									
4.PROJECT TITLE					5.PROJECT N	UMBER			
Barracks Complex - Graves Street 36388									
9. COST ESTI	MATES (CONTINUED)	_							
						Unit	Cost		
Item		UM	(M/E)	QUANTITY		COST	(\$000)		
PRIMARY FACILI	TY (CONTINUED)								
Antiterrorism	Force Protection	LS					(1,432)		
Road Improveme	ent	LS					(1,503)		
Building Infor	rmation Systems	LS					(603)		
						Total	3,538		

<u>REQUIREMENT:</u> This project is required to provide living and working conditions for soldiers that meet current standards. Maximum and intended utilization is 312 soldiers.

<u>CURRENT SITUATION:</u> The existing gang latrine barracks are old and rapidly deteriorating, and the existing operational facilities are too small and located in the barracks.

IMPACT IF NOT PROVIDED: If this project is not provided, soldiers will continue to live and work in substandard and deteriorated facilities, which will adversely impact morale, retention, readiness

This project has been coordinated with the installation physical security plan, and all physical security measures are included. Also, all required anti-terrorism/force protection measures are included. An economic analysis has been prepared and utilized in evaluating this project. This project is the most cost-effective method to satisfy the requirement. Sustainable principles will be integrated into the design, development, and construction of the project in accordance with Executive Order 13123 and other applicable laws and Executive Orders. JOINT USE CERTIFICATION: The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. Mission requirements, operational considerations, and location are incompatible with use by other components. During the past two years, \$10.4M has been spent on sustainment, restoration and modernization (SRM) (formerly know as Real Property Maintenance) on unaccompanied enlisted personnel housing at Fort Riley. Upon completion of this project, the remaining unaccompanied enlisted permanent party personnel deficit will be 669 soldiers at maximum occupancy at this installation. A parametric cost estimate based upon project engineering design was used to develop this budget estimate.

## 12. SUPPLEMENTAL DATA:

- A. Estimated Design Data:
  - (1) Status:

(a)	Date Design Started	FEB 2002
(b)	Percent Complete As Of January 2003	40.00
(c)	Date 35% Designed	DEC 2002
(d)	Date Design Complete	JUL 2003

 $\mathbf{DD} \quad {}_{1} \, {}_{\mathrm{DEC}}^{\mathrm{FORM}} \, {}_{76} \, \mathbf{1391C}$ 

1.COMPONENT				2.DATE
7 D.M.	FY 2004 MILIT	ARY CONSTRUCTION PROJE	CT DATA	06 555 0000
ARMY 3.INSTALLATION A	ND LOCATION		L	06 FEB 2003
3.INSTALLATION A	ND LOCATION			
Fort Riley, K	ansas		E DDOTEGE N	IMPED
4.PROJECT TITLE			5.PROJECT NU	JMBER
Danna ala Gama	lan Grand Gharat		I	26200
Barracks Comp	lex - Graves Street			36388
12. SUPPLEME	NTAL DATA: (Continue	d)		
	mated Design Data: (			
A. ESCI		t Estimating Used to D	Develop Co	ata VFC
		Contract: Design-bid		5C5
		y and life cycle cost		will be
		ing the final design.	anarysis	WIII DE
	documented dar	ing the linar design.		
(2)	Basis:			
( = 7		finitive Design: YES		
	(b) Where Most Rec			
	Fort Riley			
(3)	Total Design Cost (	c) = (a) + (b) OR (d) + (e)	≥):	(\$000)
		Plans and Specification		1,655
		gn Costs		
		ost		
(4)	Construction Contra	ct Award		<u>DEC 2003</u>
(5)	Construction Start.			<u>MAR 2004</u>
(6)	Construction Comple	tion		<u>MAR 2006</u>
		h this project which w	vill be pro	ovided from
other appro	priations:			1
		_		l Year
Equipment		Procuring		priated Cost
Nomenclat	<u>ure</u>	Appropriation	<u>Or Re</u>	quested (\$000)
		NA		
		IVA		

Installation Engineer: WESLEY B. ANDERSON Phone Number: 785-239-3906
PREVIOUS EDITIONS MAY BE USED INTERNALLY
UNTIL EXHAUSTED

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# DEPARTMENT OF THE ARMY

### FISCAL YEAR 2004

# MILITARY CONSTRUCTION (PART I) (DOLLARS ARE IN THOUSANDS)

STATE		INSTALLATION (COMMAND/REGION)				NEW/	
	PROJECT		AUTI	HORIZATION APP	ROPRIATION	CURRENT	
	NUMBER	PROJECT TITLE		REQUEST	REQUEST	MISSION	PAGE
Kentuck	Ŋ	Fort Campbell (FORSCOM/SERO)					89
	51112	Barracks Complex - Range Road Ph 2		0	49,000	C	91
		Subtotal Fort Campbell PART I	\$	0	49,000		
		Fort Knox (TRADOC/SERO)					95
	34030	Modified Record Fire Range		3,500	3,500	C	97
		Subtotal Fort Knox PART I	\$	3,500	3,500		
		* TOTAL MCA FOR Kentucky	\$	3,500	52,500		

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1. COMPONENT	FY 2004-2005 MILITARY CON	STRUCTION PROGRAM	2. DATE						
ARMY	11 2001 2000 12221211 001	J11.0011011 11.00111	06 FEB 2003						
Piddi			00 110 2005						
3. INSTALLATION AND LOCATION	ON 4. COMMAND		5. AREA CONSTRUC	*TTON					
5. HVSTALIBATION AND LOCATIO	T. COMPAND		COST INDEX	JIION					
Fort Compbell	IIC hame Foregoe Commond		COST INDEX						
Fort Campbell	US Army Forces Command (Installation Manageme		1 05	_					
Kentucky	egion) 1.05	· · · · · · · · · · · · · · · · · · ·							
6. PERSONNEL STRENGTH: PERMANENT STUDENTS SUPPORTED									
	FICER ENLIST CIVIL OFFICER ENLIS								
A. AS OF 30 SEP 2002			•						
B. END FY 2008	2962 20595 2055 6 17	9 0 23 1	187 9900 35,907						
	7. INVENTORY DA	TA (\$000)							
A. TOTAL AREA									
	G OF 30 SEP 2002		4,269,593						
	YET IN INVENIORY		481,754						
	JESTED IN THE FY 2004 PROGRAM		0						
	JESTED IN THE FY 2005 PROGRAM		34,700						
	DUR YEARS (NEW MISSION ONLY)		0						
	TCY								
			166,946						
H. GRAND TOTAL		• • • • • • • • • • • • • • • • • • • •	4,952,993						
8 PROTECT APPROPRIATION	IS REQUESTED IN THE FY 2004 PROGR	ΔM:							
CATEGORY PROJECT	" IN THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON OF THE PERSON	COST	DESIGN STATUS						
CODE NUMBER	PROJECT TITLE	(\$000)		START COMPLETE					
	rracks Complex - Range Road Ph 2		000 03/2002 05/2004						
721 31112 Bar	Tacks Complex - Range Road Pil 2	49,0	000 03/2002 03/2004						
		IOTAL 49,(	000						
9. FUTURE PROJECT APPROF	ND TARRYONG.								
CATEGORY	RIAIIONS:	COST							
CODE	PROJECT TITLE	(\$000)							
A. REQUESTED IN THE		(\$000)	1						
	ri 2005 PROGRAM: rracks Complex-42nd St/Indiana Av	e 26,0	000						
	oot House		200						
	cracks Complex, Range Road, Ph 3								
721 Bar	тасль сопртех, капде коас, РП 3	1,5	500						
		IOTAL 34,7	700						
		51,							
B. PLANNED NEXT FOUR PROGRAM YEARS (NEW MISSION ONLY): NONE									
C. DEFERRED SUSTAIN	MENT, RESTORATION, AND MODERNIZAT	ION (SRM): 204,8	813						
10 MT00T0N 00 MATOR TO	IOUIT ONIG •								
10. MISSION OR MAJOR FUN									
Support and training	g of an Airborne (Air Assault) Di	vision and other non-	-aıvısıona⊥ support unit	s.					

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

ARMY	FY 2004-2005 MILITARY CONST	RUCIIUN PROGRAM	2. DATE 06 FEB 2003
INSTALLATION	AND LOCATION: Fort Campbell	Kentucky	
11. OUTSTANDING POL	LUTION AND SAFETY DEFICIENCIES:	(\$00	0)
A. AIR POLLUTIO	N	(000	0
B. WATER POLLUT			0
	SAFETY AND HEALTH		0
	ost to remedy the deficiencies in all e n is \$204,813,000, based on the	xisting permanent and se	mi-permanent facilities

1.COMPONENT								2.DATE	
	<b>FY</b> 2	004 <b>MII</b>	ITA	RY COI	NST	RUCTION PRO	JECT DATA		
ARMY									FEB 2003
3.INSTALLATION AND	LOCAT	ION				4.PROJECT TIT	TLE		
Fort Campbell									
Kentucky						Barracks (	Complex -	Range Ro	ad Ph 2
5.PROGRAM ELEMENT		6.CATEGORY COD	E	7.P	ROJ	ECT NUMBER		COST (\$0	
							Auth		
22696A		721				51112	Approp	49,	000
			9	9.COST	EST		l	•	
Т	TEM		TJIV	I (M/E)		OUANTI	ΓΥ		
PRIMARY FACILIT				. (11/2)		Q OI II I I			35,289
Barracks			m2	(SF)		13,056 (	140,534)	1,484	(19,380)
Company Operati	ons	Facilities	m2	(SF)			30,979)		
Brigade Headqua	rter	s Building	m2	(SF)		1,702 (	18,320)	1,530	(2,604)
Battalion Headq			m2	(SF)		3,936 (	42,367)		
Gen Purpose Sto	rage	Facility	m2	(SF)		553 (	5,952)	870.28	(481)
Total from Co	ntin	uation page							(2,623)
SUPPORTING FACI	LITI	<u>ES</u>							7,633
Electric Servic	:e		LS				-		(2,207)
Water, Sewer, G	las		LS				-		(99)
Paving, Walks,	Curb	s & Gutters	LS				-		(1,807)
Storm Drainage			LS				-		(377)
Site Imp( 791	.) De	mo( 1,648)	LS				-		(2,439)
Information Sys	tems		LS				-		(410)
Antiterrorism/F	orce'	Protection	LS				-		(294)
ESTIMATED CONTR									42,922
CONTINGENCY PER	CENT	(5.00%)							2,146
SUBTOTAL									45,068
SUPV, INSP & OVERHEAD (5.70%)									2,569
DESIGN/BUILD -	DESI	GN COST							1,717
TOTAL REQUEST									49,354
TOTAL REQUEST (									49,000
INSTALLED EQT-C	THER	APPROP							( )
					1				

This complex was authorized in FY 2003 for \$99 10.Description of Proposed Construction million. The FY 2003 appropriation was \$49 million. Construct a brigade-sized barracks complex. The complex includes barracks, company operations facilities, battalion headquarters with classrooms, a combination brigade/battalion headquarters with classroom (medium), and a dining facility (251-500 PN). Install intrusion detection systems (IDS). Connect energy monitoring and control systems (EMCS). Supporting facilities include utilities; electric service; fire protection and alarm systems; paving, walks, curbs and gutters; parking; access roads; storm drainage; information systems; and site improvements. Two existing underground heating oil tanks will be removed. Demolish buildings (576,000 SF), including asbestos removal and lead based paint abatement, and associated underground utilities. Existing ballfields and courts will also be demolished. Heating will be provided by gas-fired units and air conditioning (675 tons) by stand-alone units. Access for the handicapped will be provided. Comprehensive building and furnishings related interior design is required. Anti-terrorism/force protection (AT/FP) will be provided by structural reinforcement, special windows and doors, and site measures. Supporting facilities costs are higher than normal because this project site has several large existing utility lines that require relocation

1.COMPONENT					2.DATE	
	<b>FY</b> 2004 <b>MII</b>	LITARY CONSTR	UCTION PROJE	ECT DATA	0.5	
ARMY	7.003.007.007				06	FEB 2003
3.INSTALLATION AND	LOCATION					
Fort Campbell,	Kentucky			1		
4.PROJECT TITLE				5.PROJECT 1	NUMBER	
	_				_	
Barracks Comple	ex - Range Road I	Ph 2			5	1112
9. COST ESTIN	MATES (CONTINUED)	<u>)</u>				
					Unit	Cost
Item		UM (M/E)	QUANTITY		COST	(\$000)
PRIMARY FACILIT	TY (CONTINUED)					
IDS Installation	on	LS				(35)
Antiterrorism E	Force Protection	LS				(867)
EMCS Connection	1	LS				(115)
Building Inform	mation Systems	LS				(1,606)
	-				Total	2,623
						, -
DESCRIPTION OF	PROPOSED CONSTRU	TCTTON: (CON	TINIIED)			
or replacement.		<u> </u>	<u>TINOLD</u>			
or repracement.						
11 DEO:	7,608 PN ADO	> π・	E E 7 E DN CI	ID CIPD •	2	,033 PN
11. REQ:		-	•	JBSTD:	4	,033 PN
	ruct a barracks					
	This project is					
	soldiers that me			aximum and	d intend	ed
utilization is	684 soldiers for	r Phases I an	d II.			
CURRENT SITUATI	ON: The exist:	ing gang latr	ine barrack:	s are near	rly 50 y	ears
old and are sev	verely deteriorat	ted. The exis	ting operat:	ional and	adminis	trative
	too small and ha					
IMPACT IF NOT E		nis project i		ded. sold:	iers wil	1
	ve and work in su					
	impact morale,				ICIES, W.	IIICII
_					1	1
	This project has					
	and all required					. Also,
	rism force proted					
	repared and util:					
was the most co	st-effective met	thod to satis	fy the requi	irement. S	Sustaina	ble
principles will	be integrated :	into the desi	gn, develop	ment, and	constru	ction
of the project	in accordance wa	ith Executive	Order 1312:	3 and othe	er appli	cable
	tive orders. JOI					
	ne Army (Installa					
	dered for joint o					
	and location and					
	two years, \$7.2					
	lon (SRM) (forme					
unaccompanied e	enlisted personne	el housing at	Fort Campbe	ell. Upon	complet	ion of
this project, t	the remaining una	accompanied e	nlisted pers	sonnel per	rmanent :	party
personnel defic	cit will be 1,661	l soldiers at	maximum oco	cupancy at	t this	
	A parametric cost					design
	relop this budget				3	_
	-1					

1.COMPONENT	<del>-</del> 1			2.DATE						
I. COME ONLINI	FY 2004 MILIT	ARY CONSTRUCTION PROJE	CT DATA	Z.DAIE						
ARMY				06 FEB 2003						
3.INSTALLATION A	ND LOCATION			<b>***</b>						
Fort Campbell	, Kentucky									
4.PROJECT TITLE			5.PROJECT N	NUMBER						
Barracks Comp	olex - Range Road Ph	2		51112						
יים דממוזים באו	י אַרוויאר דאַרוויאר.									
	<u>ENTAL DATA:</u> imated Design Data:									
A. ESC. (1)	Status:									
( - /	(a) Date Design Started									
		ete As Of January 2003.								
		gned								
		omplete								
	(e) Parametric Cos	st Estimating Used to D	evelop Co	osts <u>YES</u>						
	(f) Type of Design	n Contract: Design-bui	.ld							
(0)										
(2)	Basis:									
	(a) Standard or De	efinitive Design: NO								
(3)	Total Design Cost (	(c) = (a) + (b) OR (d) + (e)	١:	(\$000)						
( - /		Plans and Specification		` ' '						
		gn Costs								
		Cost								
	(e) In-house			<u>925</u>						
İ										
(4)	Construction Contra	act Award	• • • • • • • •	<u>JAN 2004</u>						
/E)	G-mathematical Ottom			MAN 37 2004						
(5)	Construction Start.		• • • • • • • •	<u>MAY 2004</u>						
(6)	Construction Comple	etion		. FEB 2007						
( - ,	0011001 0001011 00		• • • • • • • • •	· · · · <u> </u>						
		th this project which w	ill be pi	rovided from						
other appro	priations:									
l .				al Year						
Equipment		Procuring		opriated Cost						
Nomenclature Appropriation Or Requested (\$000										
İ		NA								
İ		IVA								
I										

Installation Engineer: Thomas L. Bailey

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1. COMPONENT	ਪਤ	2004-2005 1	MTT.TTARY	CONSTRI	CTTON F	PROGRAM		2. D	ΔΤΈ:		
ARMY		2001 2003 1	111111111	CONDING	CIIOIV I	1100141		06 FEB 2003			
Fig.11									TED 2005		
3. INSTALLATION AND LOCA	ATT ON	4. COI	MANTO					E 71	REA CONSTRUCTION		
3. INSTALLATION AND LOCA	ATTON	4. CO	MAMD						OST INDEX		
	1.5		,			OSI INDEX					
Fort Knox		US Army Tra									
Kentucky		(Installat:	ion Mana	agement A	cty, So	outheast	: Region	1)	1.05		
6 DEDGOLDER CONTROL	H: PERMAN			DENTS		~~~	PORTED				
6. PERSONNEL STRENGT											
	OFFICER ENLI								TOTAL		
A. AS OF 30 SEP 2002				7650	0	150			22,835		
B. END FY 2008	1125 65	82 2552	412	7378	0	133	667	3793	22,642		
					4000;						
				RY DATA (							
A. TOTAL AREA		44,203 h									
B. INVENTORY TOTAL								530,281			
C. AUTHORIZATION 1	NOT YET IN IN	VENTORY				• •		126,036			
D. AUTHORIZATION F	D. AUTHORIZATION REQUESTED IN THE FY 2004 PROGRAM										
E. AUTHORIZATION F	REQUESTED IN	THE FY 2005	PROGRAM	1				0			
F. PLANNED IN NEXT	F. PLANNED IN NEXT FOUR YEARS (NEW MISSION ONLY)										
G. REMAINING DEFIC	G. REMAINING DEFICIENCY5										
H. GRAND TOTAL							3,8	318,490			
8. PROJECT APPROPRIAT	TIONS REQUEST	ED IN THE F	Y 2004 F	PROGRAM:							
CATEGORY PROJECT						CC	ST	DESIG	N STATUS		
CODE NUMBER	PR	OJECT TITLE	JECT TITLE					(\$000) START COMPLETE			
178 34030	Modified Rec	ord Fire Rai	nge				3,500	03/200	2 07/2003		
				TOTA	L		3,500				
9. FUTURE PROJECT API	PROPRIATIONS:										
CATEGORY						CC	ST				
CODE	PR	OJECT TITLE				(\$0	000)				
A. REQUESTED IN T	THE FY 2005 P	ROGRAM: NOI	NE								
B. PLANNED NEXT H	FOUR PROGRAM	YEARS (NEW I	MISSION	ONLY):							
178	Urban Assaul	t Course					1,390				
				TOTA	L		1,390				
C. DEFERRED SUSTA	AINMENT, REST	ORATION, ANI	O MODERN	NIZATION	(SRM):	40	1,097				
	.,61	, - <del></del> -			/		,				

### 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

1. COMPO	NENT	FY 2004-2005 MILITARY CONSTRUCTION PROGRAM	2. DATE
ARMY			06 FEB 2003
	TNICTALL ATTOM	AND LOCATION: Fort Knox Kentucky	
	INSTALLATION	AND LOCATION: FOIL MIDX RETICUCKY	
10. M	ISSION OR MAJO	R FUNCTIONS: (CONTINUED)	
Regio	n, USACIDC, TR	ADOC Management Engineering Agency, U.S. Army TMDE Support Opera	ation, Summer Training,
Reser	ve and Nationa	l Guard Training Support, Support of Civilian Components.	
11 0			
11. 0	UISTANDING POL	LUTION AND SAFETY DEFICIENCIES:	
		(\$000	))
A	. AIR POLLUTIO	Л	0
В	. WATER POLLUT	ION	0
С	. OCCUPATIONAL	SAFETY AND HEALTH	0
DEMAD	70 •		
REMARI			
		ost to remedy the deficiencies in all existing permanent and ser	
		n is \$401,097,000, based on the Installation Status Report Info	mation on conditions as
of Oct	tober 2002.		

1.COMPONENT									2.DATE		
	<b>FY</b> 2	004	MIL	ITAF	Y CO	NSI	RUCTION PROJE	CT DATA			
ARMY									06	FEB	2003
3.INSTALLATION AN	D LOCAT	'ION					4.PROJECT TITLE		•		
Fort Knox											
Kentucky							Modified Red	cord Fire	e Range		
5.PROGRAM ELEMENT	ī	6.CAT	EGORY CODE	C	7.1	PROJ	ECT NUMBER	8.PROJECT	COST (\$00	00)	
								Auth	3,	500	
22212A 178						34030	Approp	3,	500		
				9	.COST	EST	IMATES				
	ITEM			UM	(M/E)		QUANTITY				
PRIMARY FACILI											1,920
Modified Recor				FP			32		53,557		1,714)
Range Tech Sur		Build	ling		(SF)		111.48 (	1,200)			(150)
IDS Installati				LS							(51)
Building Infor	rmatio	n Sys	tems	LS							(5)
SUPPORTING FAC		<u>ES</u>									1,232
Electric Servi				LS						(	1,081)
Water, Sewer,				LS							(83)
Site Imp(	14) De	mo(	24)	LS							(68)
ESTIMATED CONT		COST									3,152
CONTINGENCY PE	_		በበዶ ነ								158
SUBTOTAL	71/CEIN T	( ) .	0001								3,310
SUPV, INSP & (	WEDTE	ΔD /	5 70%\								189
TOTAL REQUEST	, v 1111111.	) صد،	J. 10 0 1								3,499
TOTAL REQUEST (ROUNDED)										3,500	
INSTALLED EQT-			OP								()
THOINDED EQI	O I IIIIK	AL LI	.01								( )
				1		1					

Convert two rifle field fire ranges to provide one 10.Description of Proposed Construction standard-design 32-lane modified record fire (MRF) rifle range, with night firing capability. Each lane is 10 meters wide and displays nine stationary targets from 50 to 300 meters downrange. Primary facilities consist of a control tower, general instruction building, renovation of existing storage building, range support building, ammunition breakdown building, latrine, bleacher enclosure, covered mess, stationary target emplacements, secondary power and data distribution system, staging area, maintenance trails, storm drainage, earthwork, range flagpole, foxholes, lane and limit markers, signage, night firing lighting, night firing line, and information systems. Install intrusion detection system (IDS). Supporting facilities consist of secondary electrical distribution service, fiber optics communications line, sewer and water lines, security lighting, and site improvements. Heating will be provided by self-contained units. Air conditioning (4 tons) will be provided in the control tower and one office area of the existing storage building. Demolish seven buildings (2,841 SF). Targetry will be funded by Other Procurement, Army (OPA).

I.COMPONENT						Z.DAIE
	<b>FY</b> 2004	MILITARY	CONSTRUCTION	PROJEC	T DATA	
ARMY						06 FEB 2003
3.INSTALLATION AND	D LOCATION					
Fort Knox, Ken	ıtucky					
4.PROJECT TITLE				Ē	.PROJECT N	IUMBER
Modified Recor	d Fire Range					34030

11. REQ: 32 FP ADQT: NONE SUBSTD: 72 FP PROJECT: Convert two field fire ranges to provide one standard-design modified record fire range with night firing capability. (Current Mission) REQUIREMENT: This project is required to provide the Armor Center and School and supported Active Army, Reserve and National Guard units with a permanent facility supporting live-fire training and improved combat readiness.

CURRENT SITUATION: There are no automated range facilities existing on the installation supporting modified rifle record fire training. All training facilities available at Fort Knox are supported by manually operated and scored M31A1 device systems. The rifle record fire ranges supported 52,813

IMPACT IF NOT PROVIDED: If this project is not provided, training facilities will continue to be inadequate. Their highly inefficient nature will increase the time and cost for initial entry training program personnel and active military units to attain the degree of proficiency required by established Programs of Instruction for individual combat readiness.

ADDITIONAL: This project has been coordinated with the installation physical security plan and all physical security measures are included. No anti-terrorism/force protection (AT/FP) measures are required. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement. Sustainable principles will be integrated into the development, design, and construction of the project in accordance with Executive Order 13123 and other applicable laws and executive orders. JOINT USE CERTIFICATION: The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. The facility will be available for use by other components. A parametric cost estimate based upon project engineering design was used to develop this budget estimate.

# 12. SUPPLEMENTAL DATA:

personnel in FY 2001.

- A. Estimated Design Data:
  - (1) Status:

(a)	Date Des	sign	Star	ted.	 	 <u>MAR 2002</u>
			_			 

- (d) Date Design Complete..... <u>JUL 2003</u>
- (e) Parametric Cost Estimating Used to Develop Costs YES
- (f) Type of Design Contract: Design-bid-build
- (g) An energy study and life cycle cost analysis will be documented during the final design.
- (2) Basis:
  - (a) Standard or Definitive Design: YES
  - (b) Where Most Recently Used:

1.COMPONENT				2.DATE
	FY 2004 MILI:	TARY CONSTRUCTION PROJE	ECT DATA	
ARMY				06 FEB 2003
3.INSTALLATION AN	D LOCATION			
Fort Knox, Ker	ıtucky			
4.PROJECT TITLE			5.PROJECT 1	NUMBER
Modified Recor	rd Fire Range			34030
	NTAL DATA: (Continue			
A. Estin	mated Design Data:	(Continued)		
	Fort Polk			
(0)			-	( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( (
(3)	_	(c) = (a) + (b) OR (d) + (c)		(\$000)
		Plans and Specification		
		ign Costs		
	_	Cost		
	(d) Contract			200
	(e) In-house			85
(4)	Construction Contra	act Award		<u>OCT 2003</u>
l ,_,				
(5)	Construction Start			<u>NOV 2003</u>
(6)	~			DEG 0004
(6)	Construction Compi	etion		<u>DEC 2004</u>
D 13				
		th this project which w	MIII ne bi	rovided Iron
other approp	oriations.		Eiga	- 7 - 77
<b>l</b>				al Year
Equipment		Procuring		opriated Cost
<u>Nomenclatu</u>	<u>ire</u>	<u>Appropriation</u>	<u>Or Re</u>	equested (\$000)
		NA		

Installation Engineer: Dale W. Kersey Phone Number: DSN 464-6906/1447

PREVIOUS EDITIONS MAY BE USED INTERNALLY
UNTIL EXHAUSTED

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## DEPARTMENT OF THE ARMY FISCAL YEAR 2004

# MILITARY CONSTRUCTION (PART I) (DOLLARS ARE IN THOUSANDS)

STATE		INSTALLATION (COMMAND/REGION)				NEW/	
	PROJECT		I	AUTHORIZATION	APPROPRIATION	CURRENT	
	NUMBER	PROJECT TITLE		REQUEST	REQUEST	MISSION	PAGE
			-				
Louisiana		Fort Polk (FORSCOM/SWRO)					103
	55775	Mission Training Support Facility		27,000	27,000	N	105
	56488	Alert Holding Area Facility		8,400	8,400	N	109
	57163	Aircraft Maintenance Hangar		34,000	34,000	N	112
	57167	Arms Storage Facility		1,350	1,350	N	116
	57671	Shoot House		1,250	1,250	C	119
			=				
		Subtotal Fort Polk PART I	\$	72,000	72,000		
		* TOTAL MCA FOR Louisiana	\$	72,000	72,000		

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ARMY	FY	2004-2005 MILITARY CONSTRUCTIO	ON PROGRAM	2. DATE 06 FEB 2003
ARMI				00 FEB 2003
INSTALLATION AND LO	CATION	4. COMMANID		5. AREA CONSTRUCTION COST INDEX
Fort Polk		US Army Forces Command		
Louisiana		(Installation Management Acty,	Southwest Region	0.93
6. PERSONNEL STRENG		ENT STUDENTS ST CIVIL OFFICER ENLIST CIVIL	SUPPORTED	IVIL TOTAL
A. AS OF 30 SEP 200				3278 21,725
B. END FY 2008	1045 76			3278 21,723
D. END 11 2000	1015 70	00 1093 2 200 0	001 0572	21,712
		7. INVENTORY DATA (\$000	))	
A. TOTAL AREA		80,420 ha (198,721 AC	2)	
B. INVENTORY TOT	AL AS OF 30 S	EP 2002	2,48	35,579
C. AUTHORIZATION	I NOT YET IN IN	VENTORY	13	13,860
D. AUTHORIZATION	REQUESTED IN	THE FY 2004 PROGRAM		72,000
E. AUTHORIZATION	REQUESTED IN	THE FY 2005 PROGRAM		94,350
F. PLANNED IN NE	XT FOUR YEARS	(NEW MISSION ONLY)		8,250
G. REMAINING DEF	'ICIENCY			54,400
H. GRAND TOTAL			2,82	28,439
0 000 000 100000				
8. PROJECT APPROPRI		ED IN THE FY 2004 PROGRAM:	COST	DESIGN STATUS
CATEGORY PROJECT  CODE NUMBER		OJECT TITLE		
		ning Support Facility	(\$000) 27,000	START COMPLETE 04/2002 07/2003
141 56488		g Area Facility	8,400	03/2002 06/2003
	7 Arms Storage		1,350	01/2002 04/2003
		ntenance Hangar	34,000	01/2002 04/2003
	Shoot House	interialice hangar	1,250	04/2002 06/2003
1/1 5/0/1	broot house		1,230	01/2002 00/2003
		TOTAL	72,000	
9. FUTURE PROJECT A	APPROPRIATIONS:			
CATEGORY			COST	
CODE	PR	OJECT TITLE	(\$000)	
A. REQUESTED IN	THE FY 2005 P	ROGRAM:		
178	Digital Mult	i-purpose Range Complex	22,000	
422	Ammunition S	upply Point Upgrade	8,500	
141	Pallet Proce	ssing Facility	8,500	
141	Passenger Pr	ocessing Facility	11,500	
113	Aircraft Loa	ding Apron	15,500	
113	Fixed Wing A	ricraft Parking Apron	25,000	
179	Urban Assaul	t Course	3,350	
		TOTAL	94,350	
			1): 194,388	

1.	COMPONENT ARMY	FY 2004-2005 MILITAR	Y CONSTRUCTION PROGRAM	2. DATE 06 FEB 2003
	INSTALLATION	AND LOCATION: Fort Polk	Louisiana	
		R FUNCTIONS: pport of a motorized brigade and ommand, includes forces for acti		
	11. OUTSTANDING POL	LUTION AND SAFETY DEFICIENCIES:		
			(\$00)	0)
	A. AIR POLLUTIO			0
	B. WATER POLLUT C. OCCUPATIONAL	ION SAFETY AND HEALTH		0
	of October 2002.			

1.COMPONENT										2.DATE	
I.COMPONENT	<b>FY</b> 2	004	мтт.	ττΔΕ	יע מחז	истрі	ייריד	דיטממ	ECT DATA	-	
ARMY	<b>*                                    </b>	004	171. dag .	T T F32		ND II.	0011014	FROC	ici <i>D</i> AIII		FEB 2003
3.INSTALLATION AN	D LOCAT	'TON				4	.PROJECT	TITLE	<u> </u>	00	FED ZUUJ
Fort Polk	200	101.									
Louisiana						,	Middion	ттэ	ining Su	onort Fa	ailitx
5.PROGRAM ELEMENT		6 CATEC	GORY CODE	1	7 D		T NUMBER			COST (\$00	
J.FROGRAM EDEMENT		0.CAILC	JOINT COLL		/ • •	'KOU EC	.I INOIDL.	-	Auth		000
22696A			172		55775 Approp					•	000
22090A			1/2	Q	.COST					۷١,	000
<u></u>				_		,				1	
PRIMARY FACILI	ITEM			UM	(M/E)	ļ	QUA	NTITY			19,328
			To a		/ 으뮨 \		7 007	, ,	05 002)	1 406	· ·
Mission Traini					(SF)		7,897				
Training Suppo			TASC)		(SF)		4,662	(	50,181)	1,240 	
Special Founda Concrete Pavem				LS	/ CTT \		E 27E		57 OF6)	 64.42	(578)
Antiterrorism		D-20+0		m2 LS	(SF)		5,375	) (	57,856)	64.42	· /
											(390)
Building Infor		_	ems	LS							(417)
SUPPORTING FACE		<u>ES</u>									5,442
				LS							(358)
Water, Sewer,		s		LS							(80)
Paving, Walks,		s & Gu	.tters	LS							(1,840)
Storm Drainage		- /	265)	LS							(296)
Site Imp( 1,86			265)	LS							(2,132)
Information Sy				LS							(395)
Antiterrorism/	Force	Prote	ction	LS							(341)
											İ
		200E									24 770
ESTIMATED CONT											24,770
CONTINGENCY PE	RCENT	(5.0	U & )								1,239
SUBTOTAL		-5 /5									26,009
SUPV, INSP & C	)VERHE.	AD (5	.70%)								1,483
TOTAL REQUEST										27,492	
TOTAL REQUEST (ROUNDED)										27,000	
INSTALLED EQT-	-OTHER	APPRO	·Ρ								(4,666)
											İ
						<u> </u>					

Construct a Mission Support Training Facility 10.Description of Proposed Construction (MSTF) including 13 classrooms, a theater, terrain model area, simulation bay, offices, conference rooms, library, sensitive compartmented information facility (SCIF), maintenance and storage areas, a networking center, and information systems. Construct a Training Support Center (TASC). Anti-terrorism/force protection (AT/FP) will be provide by structural reinforcement, special windows and doors, and site measures. Project includes realignment of the intersections of Alabama Avenue, Georgia Avenue, Mississippi Avenue, and Third Street. Special foundation work is required. Supporting facilities include utilities; electric service; fire protection and alarm systems; paving, walks, curbs and gutters; storm drainage; information systems; and site improvements. Access for the handicapped will be provided. Air-cooled chillers (360 tons). Demolish 13 World War II-era TASC buildings (36,094 SF) with asbestos and lead-based paint removal and disposal and a roadway (20,109 SY). Supporting facilities cost is high due to the need for an access road, parking, demolition of buildings, pavements, and utilities, and earthwork required to prepare the site, including large quantities of borrow.

I.COMPONENI						Z.DAIE		
	<b>FY</b> 2004	MILITARY	CONSTRUCTION	PROJEC	T DATA			
ARMY						06	FEB	2003
3.INSTALLATION AN	D LOCATION							
Fort Polk, Lou	isiana							
4.PROJECT TITLE				5	.PROJECT 1	NUMBER		
Mission Traini	ng Support Fa	cility				į	55775	

9,611 m2 ADOT: 1,714 m2 SUBSTD: 11. REQ: PROJECT: Construct a Mission Support Training Facility (MSTF). (New Mission) REQUIREMENT: In October 1999, the Army announced plans to transform the Army into a force better postured to meet the demands of the 21st Century security environment. The designation of Stryker Brigade Combat Teams (SBCT) is an integral part of achieving this vision to transform the Army into an objective force. Selected units will convert into SBCTs possessing unprecedented lethality, mobility, and survivability; be deployable worldwide within 96 hours; and be capable of conducting full-spectrum operations. The 2nd Armored Calvary Regiment (2ACR), Fort Polk, Louisiana is among the units selected for the Stryker Force. This project is required to support transformation of the 2ACR to the 2nd Stryker Calvary Regiment (2SCR) at Fort Polk. The 2ACR is currently the primary user of the existing Battle Simulation Center located at North Fort Polk. Although the 2SCR anticipates continued use of this facility, the 2SCR will also require a more sophisticated facility compatible with the digitized Army platform.

<u>CURRENT SITUATION:</u> The existing Battle Simulation Center cannot support training on the digitized Army platform. Furthermore, 2SCR operations will not be located in proximity to the Battle Simulation Center. The existing antiquated and obsolete classrooms are housed in a converted, semi-permanent structure built during the Vietnam War-era.

IMPACT IF NOT PROVIDED: If this project is not provided, training for the 2SCR on the digitized Army platform will not be adequate. The current 2ACR is part of the XVIII Airborne Corps at Fort Bragg. In order for these two units to optimally integrate electronically following transformation, they must be trained on the same digital platform.

ADDITIONAL: This project has been coordinated with the installation physical security plan and all required physical security measures are included. Also, all required anti-terrorism/force protection measures are included. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement. Sustainable principles will be integrated into the development, design, and construction of the project in accordance with Executive Order 13123 and other applicable laws and Executive Orders. JOINT USE CERTIFICATION: The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. This facility will be available for use by other components. A parametric cost estimate based upon project engineering design was used to develop this budget estimate.

1.COMPONENT	TW 2004 MILITARY CONCERNICETON PROTE		2.DATE
ARMY	FY 2004 MILITARY CONSTRUCTION PROJE	CT DATA	06 FEB 2003
3.INSTALLATION AN	L JD I.OCATION		06 FEB 2003
	D DOMITOR		
Fort Polk, Lo	uisiana		
4.PROJECT TITLE		5.PROJECT N	IUMBER
Mission Train	ing Support Facility		55775
12. SUPPLEME	NTAL DATA:		
	mated Design Data:		
(1)	Status:		
	(a) Date Design Started		<u>APR 2002</u>
	(b) Percent Complete As Of January 2003		60.00
	(c) Date 35% Designed		
	(d) Date Design Complete		
	(e) Parametric Cost Estimating Used to I	_	osts <u>YES</u>
	(f) Type of Design Contract: Design-bio		
	(g) An energy study and life cycle cost documented during the final design.	analysis	Will be
	documented during the linar design.		
(2)	Basis:		
( - /	(a) Standard or Definitive Design: NO		
(3)	Total Design Cost (c) = $(a)+(b)$ OR $(d)+(e)$		(\$000)
	(a) Production of Plans and Specification		
	(b) All Other Design Costs		
	(c) Total Design Cost		
	(d) Contract		
	(e) In-house		1,560
(4)	Construction Contract Award		<u>JAN 2004</u>
(5)	Construction Start		FEB 2004
(6)	Construction Completion		OCT 2005

1.COMPONENT		0004		CONCERNICETON	DD0 7E4		2.DATE		
ARMY	FY 2004 MILITARY CONSTRUCTION PROJECT I		T DATA	06	5 FEB	2003			
3.INSTALLATION AND	) LOCATIO	N							
Fort Polk, Lou	isiana								
4.PROJECT TITLE					!	PROJECT	NUMBER		
Mission Traini	ng Supp	ort Fa	cility					5577	5

## 12. SUPPLEMENTAL DATA: (CONTINUED)

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

Equipment <u>Nomenclature</u>	Procuring Appropriation	Fiscal Year Appropriated <u>Or Requested</u>	Cost (\$000)
DBST	OPA	2004	1,742
White Boxes	OPA	2004	2,152
Higher Cmd Equip	OPA	2004	209
VTC	OPA	2004	410
UPS	OPA	2005	15
Info Sys - ISC	OPA	2004	138
		TOTAL	4,666

Installation Engineer: Joseph D. Broyles

Phone Number: (337) 531-6184

1.COMPONENT						2.DATE	
	Y 2004 1	MILITARY	CONS	STRUCTION PROJ	ECT DATA	0.6	0002
ARMY 3.INSTALLATION AND 1	OCATION			4.PROJECT TITLE	7	06	FEB 2003
	OCATION			4.PROUECT TITLE	2		
Fort Polk Louisiana				Alert Holdi	na Aron E	'agilitu	
5.PROGRAM ELEMENT	6.CATEGORY	CODE	7 DR	OJECT NUMBER	8.PROJECT		0.)
5.11toottar bbbribit	0.cmildoni	CODE	,	JOHOT WONDER	Auth		400
46029A	141			56488	Approp		400
1002311	111	9.	COST E	STIMATES		0,	100
тп	'EM	TIM	(M/E)	QUANTITY			
PRIMARY FACILITY		OH	(147 E)	QUANTITI			5,836
Technical Inspec		m2 (	SF)	1,973 (	21,234)	1,525	(3,008)
Frustrated Maint			SF)	407.30 (		1,418	(577)
Scales		EA		5		70,000	(350)
Queing Area		m2 (	SF)	25,891 (	278,688)	72.02	(1,865)
Turning Pads		m2 (	SF)	398 (	4,284)	53.54	(21)
Building Informa	ation Systems	LS					(15)
SUPPORTING FACII	<u>ITIES</u>						1,719
Electric Service	2	LS					(130)
Water, Sewer, Ga	as	LS					(372)
Paving, Walks, (	Curbs & Gutter	rs LS					(213)
Storm Drainage		LS					(105)
	•	) LS					(787)
Information Syst		LS					(77)
Antiterrorism/Fo	orce Protectio	on LS					(35)
	CEL COCE						7 555
ESTIMATED CONTRA							7,555
CONTINGENCY PERO	CENT (5.00%)						7,933
SUBTOTAL SUPV, INSP & OVE	יסטפאס (ב 709	2 \					452
TOTAL REQUEST	RHEAD (5.70%	0 )					8,385
TOTAL REQUEST (F	OUINDED )						8,400
INSTALLED EQT-O							()
INDIADDED EQT OF	HILK ALLKOL						( )
10.Description of Proposed	l Construction (	Construc	t an	Alert Holding	Area (AH	(A) cons	isting
of a vehicle pro							_
storage area, so							
hardstand, high,							
lighting and but							
utilities; elect	ric service;	fire pr	otect	cion and alarm	system;	paving,	walks,
curbs and gutter	s; information	on syste	ems; a	and site impro	vements.		
Anti-terrorism/f	orce protect:	ion (AT/	FP) n	measures are i	ncluded.	Access i	for the
handicapped will	be provided	. Air co	nditi	ioning (10 ton	s) will b	e provid	ded by a
self-contained s	system for the	e vehicl	e pro	cessing build	ing. Spac	e heatir	ng will
be provided with	n an electric	heating	g coil	L.			
11. REQ:	· ·	ADQT:			UBSTD:		NONE
				a (AHA). (New			
				announced pla			
into a force bet							
environment. The							
integral part of	achieving th	nıs visi	on to	o transform in	to this c	pjective	e iorce.

1.COMPONENT	FY	2004	MTT.TTARY	CONSTRUCTION	PROJE	CT DATA	2.DATE		
ARMY		2001		001/211/001101	111002		06	5 FEB	2003
3.INSTALLATION AN	D LOCATIO	N							
Fort Polk, Lou	uisiana								
4.PROJECT TITLE						5.PROJECT N	UMBER		
Alert Holding	Area Fa	acility	V					56488	}

### REQUIREMENT: (CONTINUED)

and survivability; be deployable worldwide within 96 hours; and be capable of conducting full-spectrum operations. The SBCTs will be equipped with medium-weight, light armored vehicles and a host of new capabilities to allow engagement with a more heavily armed enemy force. The 2nd Armored Cavalry Regiment (2ACR), Fort Polk, Louisiana is among the units selected for transformation. This project supports deployment of the 2ACR. After transformation it will support the 2nd Stryker Cavalry Regiment (2SCR) and other deployable units at Fort Polk. This project is required to provide a modern, centralized, and efficient weigh-in/staging facility to facilitate rapid loading and shipment of unit equipment upon mobilization and off-post training missions. In addition, this facility will support 10 training rotations of the Joint Readiness Training Center as well as deployment/mobilization of 28 Warrior Brigade units (16 Force Package One), and 110 Reserve Component (United States Army Reserve and National Guard) units. It will also serve as a training facility for active and reserve component units for both movement and mobilization procedures. This project also fulfills the requirement identified by the Joint Infrastructure Working Group.

CURRENT SITUATION: The requirement for a consolidated, centrally located Alert Holding Area is currently being met by an obsolete, 40-year old scale facility located on the southern end of the installation. Due to frequent down-time of scale equipment, many units are forced to use portable scales during mobilization missions. The current scale facility lacks adequate capacity and staging area to accommodate tenant and rotational units. Its remote location adversely affects all aspects of mobilization operations on the installation. Current conditions adversely affect the installation's ability to meet strategic deployment requirements.

IMPACT IF NOT PROVIDED: If this project is not provided, the ability of the 2SCR, tenant units, Warrior Brigade, and various other rotational and Reserve Components units to deploy in a safe, efficient, and timely manner will be adversely affected. Fort Polk will not be equipped to maintain the required pace of deploying and redeploying units expected during the fall mobilization scenario jeopardizing its ability to serve as a Power Projection Platform. ADDITIONAL: This project has been coordinated with the installation physical security plan and all required physical security measures are included. Also, all anti-terrorism/force protection measures are included. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement. Sustainable development principles will be integrated into the design and construction of the proposed project in accordance with Executive Order 13123 and other applicable laws and Executive Orders. JOINT USE STATEMENT: The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. This facility will be available for use by other components. A parametric cost estimate based

1.COMPONENT			2.DATE	
	FY 2004 MILITARY CONSTRUCTION PROJE	CT DATA		
ARMY			06 FEB 2003	
3.INSTALLATION AN	L LOCATION		00 122 2003	
J.INDIADDALION AL	D LOCATION			
Fort Polk, Low	uisiana			
4.PROJECT TITLE		5.PROJECT N	JUMBER	
			= 5 4 0 0	
Alert Holding	Area Facility		56488	
ADDITIONAL:	(CONTINUED)			
upon project of	engineering design was used to develop thi	a hudaat	estimate	
apon project (	engineering design was asea to develop em	.b baagee	escinace.	
12. SUPPLEME	NTAL DATA:			
A. Estin	mated Design Data:			
(1)	Status:			
( = /			MAD 2002	
	(a) Date Design Started			
	(b) Percent Complete As Of January 2003.			
	(c) Date 35% Designed		<u>SEP 2002</u>	
	(d) Date Design Complete		JUN 2003	
	(e) Parametric Cost Estimating Used to I		DSCSIES	
	(f) Type of Design Contract: Design-bid	l-build		
	(g) An energy study and life cycle cost	analysis	will be	
	documented during the final design.			
	documented adming one minar design.			
( 2 )				
(2)	Basis:			
	(a) Standard or Definitive Design: NO			
(3)	Total Design Cost (c) = $(a)+(b)$ OR $(d)+(e)$	.):	(\$000)	
(3)				
	(a) Production of Plans and Specification			
	(b) All Other Design Costs		<u> </u>	
	(c) Total Design Cost		487	
	(d) Contract		80	
	(e) In-house			
	(e) III-IIOuse	• • • • • • • •	407	
(4)	Construction Contract Award		<u>DEC 2003</u>	
(5)	Construction Start		.TAN 2004	
(3)	Construction Start	• • • • • • • •	<u>OAN 2001</u>	
(6)	Construction Completion		<u>JUL 2005</u>	
B. Equi	pment associated with this project which w	dil bo n	corrided from	
		TIT DE PI	lovided IIolii	
other approp	oriations:			
		Fisca	al Year	
Equipment	Procuring	Appro	opriated Cost	
Nomenclati			equested (\$000)	١
MOMETICIALI	Appropriacion	OT K	-Ancoren (3000)	_
	NA			

Installation Engineer: Joseph D. Broyles, DPW

1.COMPONENT									2.DATE			
	<b>FY</b> 2	004	MIL	LTAF	X CO	NSI	RUCTION PRO	JECT DATA				
ARMY							1		06	FEB 2003		
3.INSTALLATION AN	D LOCAT	ION					4.PROJECT TIT	LE				
Fort Polk												
Louisiana							Aircraft M			_		
5.PROGRAM ELEMENT		6.CATE	GORY CODE	:	7.1	PROJ	ECT NUMBER	8.PROJECT	COST (\$00	COST (\$000)		
								Auth	34,000			
22696A	211						57163	Approp	34,	000		
					.COST	EST	TIMATES					
	ITEM			UM	(M/E)		QUANTIT	Υ				
PRIMARY FACILI										24,045		
Aviation Maint	enace	Hang	ar		(SF)		8,659 (					
POL Building					(SF)		65 (	,				
UAV Shelter				m2	(SF)			12,000)	1,556	(1,735)		
Taxiway/Apron/Pads(Hangar)			m2	(SF)		54,441 (	585,998)	75.02	(4,084)			
Taxiway Shoulders(Hangar)			)	m2	(SF)		10,462 (	112,612)	50.05	(524)		
Total from C	Contin	uatio	n page							(3,008)		
SUPPORTING FAC	CILITI	ES								7,040		
Electric Servi	.ce			LS						(569)		
Water, Sewer,	Gas			LS						(724)		
Paving, Walks,	Curb	s & G	utters	LS						(1,252)		
Storm Drainage	2			LS						(425)		
Site Imp( 3,90	)1) Dei	mo(	)	LS						(3,901)		
Information Sy	stems			LS						(93)		
Antiterrorism/	Force	Prot	ection	LS						(76)		
ESTIMATED CONT	RACT (	COST								31,085		
CONTINGENCY PE	RCENT	(5.	00%)							1,554		
SUBTOTAL										32,639		
SUPV, INSP & OVERHEAD (5.70%)			5.70%)							1,860		
TOTAL REQUEST										34,499		
TOTAL REQUEST	(ROUN	DED)								34,000		
INSTALLED EQT-	OTHER	APPR	OP							( )		

10.Description of Proposed Construction Construct a high-bay aviation maintenance hangar complex consisting of maintenance hangar, airfield operations, and arms storage space and a petroleum, oils, and lubricants (POL) storage building; and an unmanned aerial vehicle (UAV) shelter containing both open hangar space and operations/special maintenance space at North Fort adjacent to Self Airfield. Primary facilities include taxiways, aviation aprons, parking pads, and hardstand; and building information systems. Install intrusion detection system (IDS). Supporting facilities include utilities; electric service; paving, walks, curbs and gutters; storm drainage; information systems; and site improvements. Anti-terrorism/force protection (AT/FP) measures include structural reinforcement, special windows and doors, and site measures. Access for the handicapped will be provided. Air conditioning: 30 tons. Arms vault storage is required to support the mission. Supporting facilities cost is high due to the need for access roads, parking, and airfield field fencing, and earthwork to prepare the site, including large quantities of borrow.

11. REQ: 22,545 m2 ADQT: 13,449 m2 SUBSTD: NONE

PROJECT: Construct an aviation maintenance hangar, POL storage building, and an unmanned aerial vehicle shelter. (New Mission)

1.COMPONENT						2.DATE			
	ITAF	RY CONS	TRUCTION F	ROJ	JECT DATA				
ARMY						06	FEB 2003		
3.INSTALLATION AND LOCATION									
Fort Polk, Louisiana									
4.PROJECT TITLE					5.PROJECT	NUMBER			
Aircraft Maintenance Hangar						5	7163		
						·			
9. COST ESTIMATES (CONTINUED)	_								
						Unit	Cost		
Item	UM	(M/E)	QUANT	CIT	Y	COST	(\$000)		
PRIMARY FACILITY (CONTINUED)									
Taxiway/Apron(UAV)	m2	(SF)	18,889	(	203,319)	75.01	(1,417)		
Taxiway Shoulders(UAV)	m2	(SF)	647.60	(	6,971)	50.04	(32)		
TAxiway Crossover	m2	(SF)	1,598	(	17,196)	73.41	(117)		
Calibration Pad(Hangar)	m2	(SF)	1,339	(	14,413)	75.02	(100)		
Pad & Canopy	LS						(300)		
Special Foundations	LS						(435)		
Airfield Lighting	LS						(448)		
IDS Installation	LS						(12)		
Antiterrorism Force Protection	LS						(102)		
Building Information Systems	LS						(45)		
						Total	3,008		

REQUIREMENT: In October 1999, the Army announced plans to transform the Army into a force better postured to meet the demands of the 21st Century security environment. The designation of Stryker Brigade Combat Teams (SBCT) is an integral part of achieving this vision to transform into an objective force. Selected units will convert into SBCTs with unprecedented lethality, mobility, and survivability; be deployable worldwide within 96 hours; and be capable of conducting full-spectrum operations. The SBCTs will be equipped with medium-weight, light armored vehicles and a host of new capabilities to allow engagement with a more heavily armed enemy force. A platoon of UAVs will be attached to each brigade. The 2nd Armored Calvary Regiment (2ACR) is among the units selected for the Stryker Force. This project is required to support transformation of the 2ACR to the 2nd Stryker Calvary Regiment (2SCR). An aviation maintenance hangar and associated airfield operations space are required to accommodate the complete Army inventory of rotary-wing aircraft stationed at Fort Polk, including those aircraft planned for the 2SCR. Additional maintenance hangar space is required to accommodate the fixed-wing UAVs to be assigned to the 2SCR Military Intelligence (MI) Company. CURRENT SITUATION: The 2ACR shares the existing maintenance hangar space with other units. The existing aircraft maintenance hangars in use at Polk Army Airfield are not of adequate size to accommodate current and future operations. As a result of inadequate hangar space, maintenance that should be completed indoors to protect electronic and other sensitive aircraft instrumentation is often performed outdoors. Tractor-trailers parked within the airfield area are used to house administrative and operations functions. The hangar area is congested due to inadequate parking. Vehicles are improperly parked on grassed areas and in fire lanes. IMPACT IF NOT PROVIDED: If this project is not provided, adequate maintenance hangars to accommodate the number and type of aircraft planned for

1.COMPONENT		0004		CONCERNICETON	DD0 7EG		2.DATE			
ARMY	FY 2004 MILITARY CONSTRUCTION PROJEC	r Data	06 FEB	2003						
3.INSTALLATION AND LOCATION										
Fort Polk, Lou	ıisiana									
4.PROJECT TITLE					5	.PROJECT	NUMBER			
Aircraft Maint	enance	Hangar	•				5716	3		

### IMPACT IF NOT PROVIDED: (CONTINUED)

2SCR will not be available. Continuation of the current working conditions will negatively affect aircraft maintenance downtime and readiness. Current deadline rates and readiness problems will be exacerbated when the Stryker unit is formed and begins a period of intense break-in training. Congestion due to inadequate parking will persist.

ADDITIONAL: This project has been coordinated with the installation physical security plan and all required physical security measures are included. Also, all required anti-terrorism/force protection measures are included. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement. Sustainable principles will be integrated into the development, design, and construction of the project in accordance with Executive Order 13123 and other applicable laws and Executive Orders. JOINT USE CERTIFICATION: The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. Mission requirements, operational considerations, and location are incompatible with use by other components. A parametric cost estimate based upon project engineering design was used to develop this budget estimate.

### 12. SUPPLEMENTAL DATA:

- A. Estimated Design Data:
  - (1) Status:

(a)	Date Design Started	<u>JAN 2002</u>
(b)	Percent Complete As Of January 2003	40.00
(C)	Date 35% Designed	NOV 2002
(d)	Date Design Complete	AUG 2003
(e)	Parametric Cost Estimating Used to Develop Costs	YES

- (f) Type of Design Contract: Design-bid-build
- (g) An energy study and life cycle cost analysis will be documented during the final design.
- (2) Basis:
  - (a) Standard or Definitive Design: NO

(3)	Total Design Cost $(c) = (a)+(b)$ OR $(d)+(e)$ :	(\$000)
	(a) Production of Plans and Specifications	1,429
	(b) All Other Design Costs	203
	(c) Total Design Cost	1,632
	(d) Contract	100
	(e) In-house	1,532
(4)	Construction Contract Award	<u>JAN 2004</u>
(5)	Construction Start	FEB 2004

1.COMPONENT				2.DATE						
A DMI	FY 2004 MILIT	ARY CONSTRUCTION PROJE	ECT DATA	06 85	D 0000					
ARMY 3.INSTALLATION AN	ID LOCATION			06 FE	B 2003					
5. INDIABLATION AN	ID HOCATION									
Fort Polk, Lou	iisiana									
4. PROJECT TITLE	arbrana		5.PROJECT N	UMBER						
Aircraft Maint	tenance Hangar			571	.63					
	<u>NTAL DATA:</u> (Continue									
A. Estir	mated Design Data: (	Continued)								
(6)	Construction Comple	tion		<u>MAR</u>	<u>2006</u>					
B. Equip	oment associated wit	h this project which w	will he nr	ovided fr	·om					
other approp		ii ciiib projece wiiicii v	viii be pi	OVIGCA II	OIII					
			Fisca	ıl Year						
Equipment		Procuring	Appro	priated	Cost					
Nomenclati	<u>ure</u>	<u>Appropriation</u>	<u>Or Re</u>	equested	<u>(\$000)</u>					
		NA								

Installation Engineer: Joseph D. Broyles, DPW

1.COMPONENT									2.DATE	
	<b>FY</b> 2	004	MIL	ITAR	Y COM	ISTRUCTION	PROJ	ECT DATA		
ARMY 3.INSTALLATION AN	D 1007E	TON				4.PROJEC	Nm m m m m i		06	FEB 2003
	D LOCAI	ION				4.PROJEC	;1 11111	5		
Fort Polk										
Louisiana 5.PROGRAM ELEMENT		6 GA EE	2001/ 2001		17.5			e Facilit		10.1
5.PROGRAM ELEMENT		6.CATE	GORY CODE	i	/ . P.	ROJECT NUMBE	£R.		COST (\$00	
								Auth Approp	•	350
22696A			442			57167		Approp	1,	350
				9	.COST	ESTIMATES				
	ITEM			UM	(M/E)	Qt	JANTITY			
PRIMARY FACILI										759
Arms Storage F					(SF)		_0 (			
Renovate Arms		ge Fac	: (2 Ea		(SF)	133.7	78 (	1,440)	803.31	-
IDS Installati				LS						(48
Building Infor	rmatio	n Syst	ems	LS						(51
SUPPORTING FAC	CILITI	E <u>S</u>								472
Electric Servi	lce			LS						(189
Water, Sewer,	Gas			LS						(43
Paving, Walks,	Curb	s & Gi	itters	LS						(5
Site Imp( 5	6) De	mo(	)	LS						(56
Information Sy	stems			LS						(170
Antiterrorism/			ection	LS						(9
,										, ,
ESTIMATED CONT	TRACT	COST								1,231
CONTINGENCY PE			) () 응 )							62
SUBTOTAL		(3.0	, , ,							1,293
SUPV, INSP & C	MEBHE	ΔD (F	5 70%)							74
TOTAL REQUEST	V LICIIL.	( )	,,,,,,							1,367
TOTAL REQUEST	( POIIN	ו משט								1,350
INSTALLED EQT-			)D							1,550
INSTALLED EQT	OTHER	AFFIC	) E							(
10.Description of Prop	1.0		Con	7 + 2011	a+ a :	<u> </u>	l mobo	 	+	atina
buildings to p										
ventilation, a										
Provide buildi										
(IDS). Support										ing, and
information sy										
self-contained										
provided by si										
length of elec	ctrica	l powe	er cable	e an	d inf	formation	syste	ms servi	ce lines	•
				_						
11. REQ:		,318 n				NONE		UBSTD:	_	419 m2
PROJECT: Cons	struct	six r	new and	ren	ovate	e two exis	sting	arms sto	rage fac	ilities.
(New Mission)										_
REQUIREMENT:						announce				
into a force k										
environment. 7										
integral part	of ac	hievir	ng this	vis	ion t	o transfo	orm in	to an ob	jective	force.
Selected units	s will	conve	ert into	o SB	CTs v	ith unpre	eceden	ted letha	ality, m	obility,

1.COMPONENT	^						2.DATE		
ARMY	<b>FY</b> 2	004 <b>MILIT</b>	ARY CONSTI	RUCTION	PROJECT	DATA	06	FEB :	2003
3.INSTALLATION AN	D LOCATION								
11									
Fort Polk, Lou	ıısıana								
4.PROJECT TITLE					5.E	ROJECT 1	NUMBER		
Arms Storage F	acility							57167	

### REQUIREMENT: (CONTINUED)

conducting full-spectrum operations. The SBCTs will be equipped with medium-weight, light armored vehicles and a host of new capabilities to allow engagement with a more heavily armed enemy force. The 2nd Armored Calvary Regiment (2ACR), Fort Polk, Louisiana is among the units selected for the Stryker Force. This project is required to support the transformation of the 2ACR to the 2nd Stryker Calvary Regiment (2SCR). The 2SCR mission will require new equipment having space requirements that differ from those of the existing 2ACR. The arms storage buildings will be situated in proximity to the units they serve to reduce travel time and maintain adequate security. <u>CURRENT SITUATION:</u> Two existing arms storage buildings, located adjacent to the 1st and 3rd Calvary Squadron maintenance shops, were constructed to accommodate a different mission. There is no facility available for storage of

future weapons systems associated with the 2SCR. IMPACT IF NOT PROVIDED: If this project is not provided, the 2SCR mission will be compromised. Adequate space will not be available to store the equipment required to support the 2SCR mission. The location of the arms storage area would degrade operations as arms would continue to be transported over considerable distances, increasing time and effort, and security risk. This project has been coordinated with the installation physical ADDITIONAL: security plan and all required physical security measures are included. Also, all required anti-terrorism/force protection (AT/FP) measures are included. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement. Sustainable principles will be integrated into the development, design, and construction of the project in accordance with Executive Order 13123 and other applicable laws and Executive Orders. JOINT USE CERTIFICATION: The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. Mission requirements, operation considerations, and location are incompatible for use by other components. A parametric cost estimate based upon project engineering design was used to develop this budget estimate.

#### SUPPLEMENTAL DATA:

- A. Estimated Design Data:
  - (1) Status:

(a)	Date Design Started	JAN 2002
(b)	Percent Complete As Of January 2003	60.00
(c)	Date 35% Designed	SEP 2002
(d)	Date Design Complete	APR 2003
(e)	Parametric Cost Estimating Used to Develop Costs	YES
(f)	Type of Design Contract: Design-bid-build	

- (g) An energy study and life cycle cost analysis will be documented during the final design.

1.COMPONENT			2.DATE	
	FY 2004 MILITARY CONSTRUCTION PROJ	ECT DATA		
ARMY 3.INSTALLATION AN	TO LOGARITON		06 FI	EB 2003
3.INSTALLATION AN	D LOCATION			
Fort Polk, Lo	uisiana			
4.PROJECT TITLE		5.PROJECT N	NUMBER	
Arms Storage 1	Pacility		571	67
TILLIE SCOLAGE			3,1	
	NTAL DATA: (Continued)			
A. Estir	mated Design Data: (Continued) Basis:			
(2)	(a) Standard or Definitive Design: YES	3		
	(b) Where Most Recently Used:			
	Fort Hood			
(3)	Total Design Cost $(c) = (a)+(b)$ OR $(d)+(b)$	(e):	(\$(	000)
, ,	(a) Production of Plans and Specification	lons		
	(b) All Other Design Costs			
	(c) Total Design Cost			
	(e) In-house			<u>55</u>
(4)				0000
(4)	Construction Contract Award		<u>Dec</u>	2003
(5)	Construction Start		<u>JAN</u>	2004
(6)	Construction Completion		<u>APR</u>	2005
B. Equi	pment associated with this project which	will be pr	covided fr	rom
other approp				
T	December 2		al Year	O = = +
Equipment Nomenclatı	Procuring are Appropriation		opriated equested	Cost <u>(\$000)</u>
				<del>\( \frac{1}{4} \) \( \frac{1}{2} \) \( \frac{1}{4} \) \( \frac{1}{4} \) \( \frac{1}{4} \) \( \frac{1}{4} \) \( \frac{1}{4} \) \( \frac{1}{4} \) \( \frac{1}{4} \) \( \frac{1}{4} \) \( \frac{1}{4} \) \( \frac{1}{4} \) \( \frac{1}{4} \) \( \frac{1}{4} \) \( \frac{1}{4} \) \( \frac{1}{4} \) \( \frac{1}{4} \) \( \frac{1}{4} \) \( \frac{1}{4} \) \( \frac{1}{4} \) \( \frac{1}{4} \) \( \frac{1}{4} \) \( \frac{1}{4} \) \( \frac{1}{4} \) \( \frac{1}{4} \) \( \frac{1}{4} \) \( \frac{1}{4} \) \( \frac{1}{4} \) \( \frac{1}{4} \) \( \frac{1}{4} \) \( \frac{1}{4} \) \( \frac{1}{4} \) \( \frac{1}{4} \) \( \frac{1}{4} \) \( \frac{1}{4} \) \( \frac{1}{4} \) \( \frac{1}{4} \) \( \frac{1}{4} \) \( \frac{1}{4} \) \( \frac{1}{4} \) \( \frac{1}{4} \) \( \frac{1}{4} \) \( \frac{1}{4} \) \( \frac{1}{4} \) \( \frac{1}{4} \) \( \frac{1}{4} \) \( \frac{1}{4} \) \( \frac{1}{4} \) \( \frac{1}{4} \) \( \frac{1}{4} \) \( \frac{1}{4} \) \( \frac{1}{4} \) \( \frac{1}{4} \) \( \frac{1}{4} \) \( \frac{1}{4} \) \( \frac{1}{4} \) \( \frac{1}{4} \) \( \frac{1}{4} \) \( \frac{1}{4} \) \( \frac{1}{4} \) \( \frac{1}{4} \) \( \frac{1}{4} \) \( \frac{1}{4} \) \( \frac{1}{4} \) \( \frac{1}{4} \) \( \frac{1}{4} \) \( \frac{1}{4} \) \( \frac{1}{4} \) \( \frac{1}{4} \) \( \frac{1}{4} \) \( \frac{1}{4} \) \( \frac{1}{4} \) \( \frac{1}{4} \) \( \frac{1}{4} \) \( \frac{1}{4} \) \( \frac{1}{4} \) \( \frac{1}{4} \) \( \frac{1}{4} \) \( \frac{1}{4} \) \( \frac{1}{4} \) \( \frac{1}{4} \) \( \frac{1}{4} \) \( \frac{1}{4} \) \( \frac{1}{4} \) \( \frac{1}{4} \) \( \frac{1}{4} \) \( \frac{1}{4} \) \( \frac{1}{4} \) \( \frac{1}{4} \) \( \frac{1}{4} \) \( \frac{1}{4} \) \( \frac{1}{4} \) \( \frac{1}{4} \) \( \frac{1}{4} \) \( \frac{1}{4} \) \( \frac{1}{4} \) \( \frac{1}{4} \) \( \frac{1}{4} \) \( \frac{1}{4} \) \( \frac{1}{4} \) \( \frac{1}{4} \) \( \frac{1}{4} \) \( \frac{1}{4} \) \( \frac{1}{4} \) \( \frac{1}{4} \) \( \frac{1}{4} \) \( \frac{1}{4} \) \( \frac{1}{4} \) \( \frac{1}{4} \) \( \frac{1}{4} \) \( \frac{1}{4} \) \( \frac{1}{4} \) \( \frac{1}{4} \) \( \frac{1}</del>
	NA			
1	Installation Engineer: Jose	eph D. Broy	yles, DPW	

1.COMPONENT								2.DATE		
	<b>FY</b> 2004	4 <b>MIL</b> :	ITAF	Y COM	STRUCTI	ON PROJ	ECT DATA			
ARMY					<u> </u>			06	FEB	2003
3.INSTALLATION AND	) LOCATION	1			4.PROJ	ECT TITL	E			
Fort Polk										
Louisiana					Shoo	t House	! <u>.</u>			
5.PROGRAM ELEMENT	6.0	CATEGORY CODE	]	7.P	ROJECT NUN	MBER		COST (\$00		
							Auth	· ·	250	
22212A		171			5767	1	Approp	1,	250	
			9	.COST	ESTIMATES					
	ITEM		UM	(M/E)		QUANTITY				
PRIMARY FACILI	TY									690
Shoot House				(SF)		356 (				(512
Control House				(SF)	139	.35 (	1,500)	1,195		(167
Building Infor	mation S	Systems	LS							(11
SUPPORTING FAC	ILITIES									419
Electric Servi	ce		LS							(105
Water, Sewer,	Gas		LS							(173
Storm Drainage			LS							(5
Site Imp( 10	5) Demo	( 5)	LS							(110
Information Sy	stems		LS							(26
ESTIMATED CONT	RACT COS	ST								1,109
CONTINGENCY PE	RCENT	(5.00%)								<u>55</u>
SUBTOTAL										1,164
SUPV, INSP & O	VERHEAD	(5.70%)								66
TOTAL REQUEST										1,230
TOTAL REQUEST	(ROUNDEI	D)	1							1,250
INSTALLED EQT-	OTHER A	PPROP	1							(
			1							
			1							
10.Description of Propo	sed Construc	tion Cons	stru	ıct a	shoot h	ouse an	d suppor	ting con	trol	
	. 1 .							_		

10.Description of Proposed Construction Construct a shoot house and supporting control building within the footprint of the Digital Multi-Purpose Battle Area Course. The shoot house will contain multiple entry points, day/night audio-video recording devices configured to provide coverage of the entire shoot house, and installed reconfigurable targetry (OPA funded). Supporting facilities include electrical service, targetry and data cabling and exterior lighting, water service, septic system, storm drainage, site preparation, environmental protection, gravel paving, fencing and communications. Access for the handicapped will be provided in the control building. Air conditioning: 4 tons. Demolish an observation tower (14 m2). Supporting facilities cost is high due to the length of electrical cabling, the provision of a water well and septic system, and site improvements.

11. REQ: 496 m2 ADQT: NONE SUBSTD: 111 m2

PROJECT: Construct a shoot house. (Current Mission)

REQUIREMENT: This project is required to support urban training for transformation of the Second Armored Calvary Regiment (2ACR) to the Second Stryker Calvary Regiment (2SCR) at Fort Polk, with capabilities to support Army After Next (AAN), for Stryker Brigade Combat Team (SBCT)units that rotate

1.COMPONENT	FY	2004	MTT.TTARY	CONSTRUCTION	PROJE	ביים האים	2.DATE		
ARMY		2001	11111111111	CONSTRUCTION	INOUL	C1 D11111	06	FEB	2003
3.INSTALLATION AN	D LOCATIO	N							
Fort Polk, Lou	isiana								
4.PROJECT TITLE						5.PROJECT N	NUMBER		
Shoot House								57671	_

## REQUIREMENT: (CONTINUED)

through Fort Polk's Joint Readiness Training Center, and to maintain the capability for Fort Polk's legacy heavy force. In October 1999, the Army announced plans to transform into a force better postured to meet the demands of the 21st Century security environment. In April 2001 the 2ACR was selected for the Stryker Force, an intermediate step toward achieving this objective. This project is required to provide a simulated facility designed for training up to platoon size units in urban warfare as part of the Army's Combined Arms Military Operations on Urbanized Terrain (MOUT) Task Force training strategy. The training scenarios that will take place in the shoot house will be designed for soldiers to gain skills in various clearing tasks typical of modern warfare in urban environments. The shoot house will contain digital, plug and play targetry to allow for accurate scoring and telecommunications technologies to allow for data transmission to other facilities nearby. The data capture, storage, and editing capabilities of the installed technology components will provide the trainers a better means of critiquing units during after action reviews.

CURRENT SITUATION: No state-of-the-art facilities of this type currently exist at Fort Polk. The existing facilities used for urban training are not digital-ready and cannot support the advanced weapons and command and control systems used in today's Army, nor can they be used to realistically simulate combat scenarios. In addition, current Army training doctrine dictates dismounted live-fire operations be integrated into larger battle scenarios. At Fort Polk the larger battle scenarios are planned to be conducted on the Digital Multi-Purpose Battle Area Course, located at Peason Ridge. Existing facilities are located too far away from the Digital Multi-Purpose Battle Area Course to be effectively integrated into these larger battle scenarios. IMPACT IF NOT PROVIDED: If this project is not provided, the Joint Readiness Training Center (JRTC) and Fort Polk, and particularly the 2SCR, will not support realistic modern urban warfare readiness training. Realistic simulation of situational awareness and target detection/engagement systems, event scenarios, and enhanced after action reviews will not be in place to provide soldiers the training they need to perform in an urban environment. The impact of not providing this project will be felt in training shortfalls for the Active Army, Army Reserve, National Guard, multi-national units, and combined forces which visit the Joint Readiness Training Center and Fort Polk. ADDITIONAL: This project has been coordinated with the installation physical security plan, and all required physical security measures are included. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement. Sustainable principles will be integrated into the development, design, and construction of the project in accordance with Executive Order 13123 and other applicable laws and Executive Orders. JOINT USE CERTIFICATION: The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. This

1.COMPONENT				2.DATE
		FY 2004 MILITARY CONSTRUCTION	N PROJECT DATA	
ARMY				06 FEB 2003
3.INSTALLATI	ON AN	) LOCATION		
Fort Polk,	Lou	isiana		
4.PROJECT TI	TLE		5.PROJECT	NUMBER
Shoot Hous	se			57671
ADDITIONAL		(CONTINUED)		
		be available for use by other comp		
	pased	upon project engineering design w	as used to deve	lop this budget
estimate.				
12. SUPPL				
		ated Design Data:		
(	(1)	Status:		0000
		(a) Date Design Started		
		(b) Percent Complete As Of Januar		
		(c) Date 35% Designed		
		(d) Date Design Complete		
		(e) Parametric Cost Estimating Us	ed to Develop C	osts <u>YES</u>
		(f) Type of Design Contract: Des	ign-bid-build	
(	(2)	Basis:		
		(a) Standard or Definitive Design	n: NO	
,	(3)	Total Design Cost (c) = (a)+(b) OF	2 (4) . ( 2 ) •	(\$000)
(	(3)			
		(b) All Other Design Costs		
		(c) Total Design Cost		
		(d) Contract		
		(e) In-house		<u>65</u>
,	4)	Construction Contract Award		2007
(	· <del>· ·</del> /	Construction Contract Award	• • • • • • • • • • • • • • • • •	<u>NOV 2003</u>
,	(5)	Construction Start		בים אוני
(	(3)	Construction Start	• • • • • • • • • • • • • • • • • • • •	<u>DEC 2003</u>
1	(6)	Construction Completion		TIIN 2005
(	(0)	Construction Completion	• • • • • • • • • • • • • • • • •	<u>00M 2003</u>
В. Е	lanir	ment associated with this project	which will he n	rovided from
		riations:	wiiicii wiii be b	LOVIACA LIOIII
ocner ap	- P - O F	_ 140101ID -	Fica	al Year
Equipm	nen+	Procuring		opriated Cost
Nomenc Nomenc		_		
мошепо	<u>.ıaıl</u>	<u>Appropriation</u>	<u>Or R</u>	equested (\$000)
		NA		
		IVA		

Installation Engineer: David Broyles

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## DEPARTMENT OF THE ARMY

### FISCAL YEAR 2004

# MILITARY CONSTRUCTION (PART I) (DOLLARS ARE IN THOUSANDS)

STATE		INSTALLATION (COMMAND/REGION)				NEW/	
	PROJECT		AUT	HORIZATION	APPROPRIATION	CURRENT	
	NUMBER	PROJECT TITLE		REQUEST	REQUEST	MISSION	PAGE
Marylar	nd	Fort Meade (MDW/NERO)					125
Marytai		, , ,		0 600	0.600	a	127
	52733	Dining Facility		9,600	9,600	С	127
		Subtotal Fort Meade PART I	\$	9,600	9,600		
		* TOTAL MCA FOR Maryland	\$	9,600	9,600		

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1. COMPONENT	/ <del>1</del>	7 2004-2005 MILITARY	CONSTRI	CTTON PR	CGRAM		2. D	ATTE:
ARMY		2001 2003 1122111	. 001,011,0	01101, 11,				FEB 2003
1								
3. INSTALLATION AND LO	CATION	4. COMMAND					5. AF	REA CONSTRUCTION
							cc	OST INDEX
Fort Meade		US Army Military I	District	of Washi	ngton			
Maryland		(Installation Mana	agement A	cty, Nor	theast	Regio	n)	1.00
6. PERSONNEL STRENG	TH: PERMAN	ient stui	ENTS		SUP	PORTED		
	OFFICER ENLI	IST CIVIL OFFICER H	NLIST CI	VIL OFF	TICER E	NLIST (	CIVIL 7	TOTAL
A. AS OF 30 SEP 200	02 950 38	359 2182 52	717	2	896	4209	18494	31,361
B. END FY 2008	869 39	900 2023 46	793	8	899	4227	18512	31,277
		7. INVENTOR	RY DATA (	\$000)				
A. TOTAL AREA		2,051 ha	(5,06	7 AC)				
B. INVENTORY TO	TAL AS OF 30 S	SEP 2002				1,	742,269	
C. AUTHORIZATION	NOT YET IN IN	IVENTORY				:	205,604	
D. AUTHORIZATION	N REQUESTED IN	THE FY 2004 PROGRAM	1				9,600	
E. AUTHORIZATION	N REQUESTED IN	THE FY 2005 PROGRAM	1				0	
		(NEW MISSION ONLY)					0	
G. REMAINING DEF	FICIENCY						11,394	
H. GRAND TOTAL.						1.5	968,867	
8. PROJECT APPROPRI	LATIONS REOUESI	TED IN THE FY 2004 I	ROGRAM:					
CATEGORY PROJECT					co	ST	DESTGN	I STATUS
CODE NUMBER		ROJECT TITLE				00)		COMPLETE
	3 Dining Facil					9,600		2 04/2004
722 5275	billing racii	iicy				J,000	01/2002	2 01/2001
			TOTA	т.		9,600		
			1011	_		,,,,,,		
9. FUTURE PROJECT A	APPROPRIATIONS:	1						
CATEGORY					CO	ST		
CODE	PF	ROJECT TITLE			(\$0	00)		
A. REQUESTED IN	N THE FY 2005 E	PROGRAM: NONE						
B. PLANNED NEXT	FOUR PROGRAM	YEARS (NEW MISSION	ONLY):	NONE				
C. DEFERRED SUS	STAINMENT, REST	TORATION, AND MODERN	NIZATION	(SRM):	9	0,991		
10. MISSION OR MAJO	OR FUNCTIONS:							
		in post troop units	support	Headqua	rters	First 1	United St	ates Army,
National Security A				_				
		l support US Army Re						
facilities.		1				_		J J
11. OUTSTANDING POI	TITTION AND SAF	SATOMATOTAAG YEAS						
11. 0010111101110 101						(\$)	000)	
A. AIR POLLUTIO	ON					( 4)	0	
A. AIR PULLUIIC	A¥						J	

ARMY	ri 2004-2005 MILITARI CO	NSTRUCTION PROGRAM	06 FEB 2003
INSTALLATION	I AND LOCATION: Fort Meade	Maryland	
B. WATER POLLUI	LUTION AND SAFETY DEFICIENCIES: ( TION SAFETY AND HEALTH	CONTINUED) (\$000	0 0 0
	cost to remedy the deficiencies in alon is \$90,991,000, based on the Insta		

1.COMPONENT	<b>FY</b> 2004	MIL	ITAF	Y COI	NST	RUCTION P	ROJ	ECT DATA	2.DATE			
ARMY									06	FEB 2003		
3.INSTALLATION AN	ID LOCATION					4.PROJECT	FITLE					
Fort Meade												
Maryland						Dining F	aci.	lity				
5.PROGRAM ELEMENT 6.CATEGORY COD			C	7.P	ROJI	ECT NUMBER		8.PROJECT	COST (\$00			
								Auth		600		
22696A		722				52733		Approp	9,	9,600		
						IMATES						
PRIMARY FACIL	ITEM		UM	(M/E)	-	QUAN'	TITY			6,396		
Dining Facilit			m 2	(SF)		2 550	1	27,550)	2,415			
Restore Exist:	_			(SF)		880.35						
Building Infor			LS	(DI)		000.33		J, 170)		(22)		
Darraing info	Lillacion D	ybeemb								(22)		
SUPPORTING FACILITIES										1,919		
Electric Serv	ice		LS							(851)		
Water, Sewer,			LS							(137)		
Paving, Walks		Gutters	LS							(172)		
Storm Drainage			LS							(178)		
	85) Demo(	346)	LS							(431)		
Information Sy	=		LS							(87)		
Antiterrorism,	/Force Pr	otection	LS							(63)		
ESTIMATED CONT	TRACT COS	 Г								8,315		
CONTINGENCY PI										416		
SUBTOTAL	DICCEIVE (	3.000,								8,731		
SUPV, INSP & (	OVERHEAD	(5.70%)								498		
DESIGN/BUILD										351		
TOTAL REQUEST										9,580		
TOTAL REQUEST	(ROUNDED	)								9,600		
INSTALLED EQT	•	•								( )		
~												
10.Description of Prop	osed Constructi	on Con	stru	ict a	di	ning faci	lit	y to ser	ve 501-8	00		
persons. Relo	cate re-u	sable kit	cher	equ:	ipm	ent from	two	existing	g dining			
facilities and	d restore	those fa	cili	ties	to	useable	adm	inistrat	ive spac	e.		

persons. Relocate re-usable kitchen equipment from two existing dining facilities and restore those facilities to useable administrative space. Supporting facilities include utilities; relocation of existing utilities; electric service; exterior lighting; fire protection and alarm and suppression systems; paving, walks, curbs and gutters; parking; sedimentation and erosion control; storm drainage; information systems; and site improvements. Access for the handicapped will be provided. Heating and cooling (70 tons) will be provided by self-contained units. Comprehensive interior design services are required. Demolish two on-site buildings (6,173 SF) and several off-site buildings (20,823 SF), including asbestos and lead based paint removal. Anti-terrorism/force protection (AT/FP)will be provided by structural reinforcement, special windows and doors, and site measures.

11. REQ: 2,559 m2 ADQT: NONE SUBSTD: 836 m2

PROJECT: Construct a dining facility. (Current Mission)

REQUIREMENT: This project is required to provide a dining facility to adequately support the permanent party soldiers in two new barracks (FY 2000 and FY 2001 MCA), permanent party military personnel from other Services

1.COMPONENT	EV	2004	MTT TTADV	CONSTRUCTION	DDO TEC	ת האתו	2.DATE
ARMY	FI	2004	MILLIARI	CONSTRUCTION	PROJEC	I DAIA	06 FEB 2003
3.INSTALLATION AN	D LOCATIO	N					
Fort Meade, Ma	iryland						
4.PROJECT TITLE					5	.PROJECT	NUMBER
Dining Facilit	У						52733

## REQUIREMENT: (CONTINUED)

stationed at Fort Meade, and students at the Defense Information School.

<u>CURRENT SITUATION:</u> This area of the installation is currently served by two small dining facilities located near two "Hammerhead" barracks constructed in 1954. These facilities are too small and they are plagued by deteriorating building components and utility systems.

IMPACT IF NOT PROVIDED: If this project is not provided, permanent party military personnel and students will continue to wait in long lines to eat in antiquated facilities. Due to limited meal periods, many are forced to eat elsewhere at their own expense. This situation has an adverse impact on morale, retention, and readiness.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and all physical security measures are included. Also, all required anti-terrorism/force protection measures are included. An economic analysis has been prepared and utilized in evaluating this project. This project is the most cost-effective method to satisfy the requirement. Sustainable principles will be integrated into the design, development, and construction of the project in accordance with Executive Order 13123 and other applicable laws and Executive Orders. JOINT USE CERTIFICATION: The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. This facility will be available for use by other components. A parametric cost estimate based upon project engineering design was used to develop this budget estimate.

#### 12. SUPPLEMENTAL DATA:

- A. Estimated Design Data:
  - (1) Status:

(a)	Date Design Started	<u>JAN 2002</u>
(b)	Percent Complete As Of January 2003	20.00
(C)	Date 35% Designed	FEB 2004
(d)	Date Design Complete	APR 2004
(e)	Parametric Cost Estimating Used to Develop Costs	YES

- (f) Type of Design Contract: Design-build
- (g) An energy study and life cycle cost analysis will be documented during the final design.
- (2) Basis:
  - (a) Standard or Definitive Design: NO

(3)	Tota	l Design Cost $(c) = (a)+(b)$ OR $(d)+(e)$ :	(\$000)
	(a)	Production of Plans and Specifications	200
	(b)	All Other Design Costs	150
	(c)	Total Design Cost	350
	(d)	Contract	20
	(e)	In-house	330

1.COMPONENT			2	.DATE	
	<b>FY</b> 2004	MILITARY CONSTRUCTION PROJE	ECT DATA		
ARMY				06 FEB 2003	
3.INSTALLATION AN	ID LOCATION				
Fort Meade, Ma	aryland				
4.PROJECT TITLE	<del>-</del>	5.PROJECT NUM	IBER	_	
Dining Facili	ty		52733		
-	_		<u>,                                      </u>		_
12. SUPPLEME	NTAL DATA: (Co	ontinued)			
A. Estir	nated Design I	Data: (Continued)			
(4)	Construction	Contract Award		<u>JAN 2004</u>	
(5)	Construction	Start		<u>APR 2004</u>	
(6)	Construction	Completion		<u>JUN 2005</u>	
B. Equi	pment associat	ted with this project which w	will be pro	vided from	
other approp	priations:				
			Fiscal	Year	
Equipment		Procuring	Approp		
Nomenclati	<u>are</u>	<u>Appropriation</u>	<u>Or Requ</u>	<u>uested (\$000</u>	)
		NA			

Installation Engineer: DANIEL HOPKINS

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## DEPARTMENT OF THE ARMY

## FISCAL YEAR 2004

# MILITARY CONSTRUCTION (PART I) (DOLLARS ARE IN THOUSANDS)

STATE		INSTALLATION (COMMAND/REGION)				NEW/	
	PROJECT		AU'	THORIZATION	APPROPRIATION	CURRENT	
	NUMBER	PROJECT TITLE		REQUEST	REQUEST	MISSION	PAGE
New Yor	ck	Fort Drum (FORSCOM/NERO)					133
	14528	Barracks Complex - 10200 Area		22,500	22,500	С	135
	44122	Barracks Complex - Wheeler Sack AAF Ph 1		92,000	49,000	C	138
	Subtotal Fort Drum PART I		\$	114,500	71,500		
		* TOTAL MCA FOR New York	\$	114,500	71,500		

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COMPONENT	FY 2004-2005 MILITARY CONSTRUCTION PR	(OGRAM	2. DATE
ARMY			06 FEB 2003
INSTALLATION AND LOCATION	4. COMMAND		5. AREA CONSTRUCTION
			COST INDEX
Fort Drum	US Army Forces Command		
New York	(Installation Management Acty, Nor	rtheast Region)	1.13
6. PERSONNEL STRENGTH: PERM	ANENT STUDENTS	SUPPORTED	
OFFICER EN	LIST CIVIL OFFICER ENLIST CIVIL OFF	FICER ENLIST CI	VIL TOTAL
A. AS OF 30 SEP 2002 1308 1	10071 1498 0 96 0	57 344	1377 14,751
B. END FY 2008 1334 1	0919 1518 0 96 0	59 344	1377 15,647
	7. INVENIORY DATA (\$000)		
A. TOTAL AREA			
B. INVENTORY TOTAL AS OF 30	) SEP 2002	. 2,86	59,910
C. AUTHORIZATION NOT YET IN	INVENTORY		31,798
D. AUTHORIZATION REQUESTED 1	IN THE FY 2004 PROGRAM	. 11	4,500
E. AUTHORIZATION REQUESTED 1	IN THE FY 2005 PROGRAM		0
F. PLANNED IN NEXT FOUR YEAR	RS (NEW MISSION ONLY)	. 9	9,440
G. REMAINING DEFICIENCY		. 25	54,633
H. GRAND TOTAL		3,52	20,281
8. PROJECT APPROPRIATIONS REQUE	STED IN THE FY 2004 PROGRAM:		
CATEGORY PROJECT		COST	DESIGN STATUS
CODE NUMBER	PROJECT TITLE	(\$000)	START COMPLETE
721 14528 Barracks (	Complex - 10200 Area	22,500	01/2002 04/2004
721 44122 Barracks (	Complex - Wheeler Sack AAF Ph 1	49,000	01/2002 05/2004
	TOTAL	71,500	
9. FUTURE PROJECT APPROPRIATION	NS:		
CATEGORY		COST	
CODE	PROJECT TITLE	(\$000)	
A. REQUESTED IN THE FY 2005		40.000	
721 Barracks (	Complex-Wheeler Sack AAF Ph 2	42,000	
	TOTAL	42,000	
B. PLANNED NEXT FOUR PROGRA	AM YEARS (NEW MISSION ONLY):		
179 Multipurpo	ose Range Complex	32,500	
178 Battle Are	ea Complex (BAX)	25,000	
178 Digitize F	Herr Memorial Ran	22,000	
179 Combined A	Arms Collective T	14,200	
	TOTAL	93,700	
C. DEFERRED SUSTAINMENT, RE	ESTORATION, AND MODERNIZATION (SRM):	71,534	

COMPONENT	FY 2004-2005 MILITARY CONSTRU	ICTION PROGRAM	2. DATE
ARMY			06 FEB 2003
TNOTTAL LATTICAL	AND LOCATIONS Floor	Mary Wards	
INSTALLATION	AND LOCATION: Fort Drum	New York	
lo. Mission or Majo	R FINCTIONS:		
	pport of a Light Infantry Division. Provi	de support to Reserve	Component Training.
11. OUTSTANDING POI	LUTION AND SAFETY DEFICIENCIES:		
001811481110 101	BOTTON THE SET BIT BELLCHIES.	(\$00	00)
A. AIR POLLUTIO	N		0
B. WATER POLLUT	TON		0
C. OCCUPATIONAL	SAFETY AND HEALTH		0
REMARKS :			
	ost to remedy the deficiencies in all exi	sting permanent and se	emi-permanent facilitie
at this installatio	n is \$71,534,000, based on the Installati	on Status Report Info	mation on conditions a
of October 2002.			

1.COMPONENT							2.DATE		
	<b>FY</b> 2	004 <b>MIL</b>	ITAF	RY CONS	TRUCTION PROJ	ECT DATA			
ARMY							06	FEB 2003	
3.INSTALLATION AN	D LOCAT	CION			4.PROJECT TITLE	C			
Fort Drum									
New York					Barracks Co				
5.PROGRAM ELEMENT		6.CATEGORY CODE	E	7.PR	OJECT NUMBER	8.PROJECT	COST (\$00	00)	
						Auth	22,500		
22696A		721			14528	Approp	22,500		
			9	COST E	STIMATES				
	ITEM		UM	(M/E)	QUANTITY				
PRIMARY FACILI	TY							17,080	
Barracks, 3 EA	7		m2	(SF)	9,378 (	100,944)	1,752	(16,428)	
Antiterrorism	Force	Protection	LS					(367)	
Building Infor	rmatio	n Systems	LS					(285)	
SUPPORTING FAC	CILITI	<u>ES</u>						2,436	
Electric Servi	.ce		LS					(184)	
Water, Sewer,	Gas		LS					(220)	
Paving, Walks,	Curb	s & Gutters	LS					(812)	
Storm Drainage	<u> </u>		LS					(154	
Site Imp( 76	3) De	mo()	LS					(763)	
Information Sy	stems		LS					(130)	
Antiterrorism/	Force	Protection	LS					(73)	
Wetland Mitiga	tion		LS					(100)	
ESTIMATED CONT	RACT	COST						19,516	
CONTINGENCY PE	RCENT	(5.00%)						976	
SUBTOTAL								20,492	
SUPV, INSP & C	VERHE	AD (5.70%)						1,168	
DESIGN/BUILD -								840	
TOTAL REQUEST								22,500	
TOTAL REQUEST	(ROUN	DED)						22,500	
INSTALLED EQT-								(	
~								•	

10.Description of Proposed Construction Construct three barracks. Supporting facilities include utilities; electric service; fire protection and alarm systems; paving, walks, curbs and gutters; access roads, drives and parking; storm drainage; information systems; wetland mitigation; and site improvements. Anti-terrorism/force protection (AT/FP) will be provided by structural reinforcement, special windows and doors, and site measures. Fire protection measures include sprinklers and fire alarm systems in each new building. Heating and air conditioning (300 tons) will be provided by stand alone system. Comprehensive building and furnishings related interior design services are required. Access for the handicapped will be provided.

11. REQ: 4,254 PN ADQT: 2,617 PN SUBSTD: 1,637 PN

PROJECT: Construct three barracks. (Current Mission)

<u>REQUIREMENT:</u> This project is required to provide living conditions for soldiers that meet current standards. Maximum and intended utilization is 276 soldiers.

<u>CURRENT SITUATION:</u> The existing barracks do not meet the current standards for privacy, space, and amenities.

I.COMPONENT							Z.DATE		
	FY	2004	MILITARY	CONSTRUCTION	PROJEC	r data			
ARMY							06	FEB 2	1003
3.INSTALLATION AN	D LOCATION	1							
Fort Drum, New	/ York								
4.PROJECT TITLE					5	PROJECT 1	NUMBER		
Barracks Compl	ex - 10	200 Ar	ea					14528	

IMPACT IF NOT PROVIDED: If this project is not provided, soldiers will continue to live in substandard facilities, which will adversely impact morale, retention, and readiness.

ADDITIONAL: This project has been coordinated with the installation physical security plan and all required physical security measures are included. Also, all required anti-terrorism/force protection measures are included. Sustainable principles will be integrated into the design, development, and construction of the project in accordance with Executive Order 13123 and other applicable laws and Executive Orders. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement. JOINT USE CERTIFICATION: The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. Mission requirements, operational considerations, and location are incompatible with use by other components. During the past two years \$0.7M has been spent on sustainment, restoration, and modernization (SRM) (formerly known as Real Property Maintenance) on unaccompanied enlisted personnel housing at Fort Drum. Upon completion of this project, and other projects approved through FY 2004, the remaining unaccompanied enlisted permanent party personnel deficit will be 1,121 soldiers at maximum occupancy at this installation. A parametric cost estimate based upon project engineering design was used to develop this budget estimate.

#### 12. SUPPLEMENTAL DATA:

- A. Estimated Design Data:
  - (1) Status:

(a)	Date Design Started	JAN 2002
(b)	Percent Complete As Of January 2003	20.00
(c)	Date 35% Designed	JAN 2004
(d)	Date Design Complete	APR 2004
(e)	Parametric Cost Estimating Used to Develop Costs	YES
(f)	Type of Design Contract: Design-build	

- (g) An energy study and life cycle cost analysis will be documented during the final design.
- (2) Basis:
  - (a) Standard or Definitive Design: NO

(3)	Tota	l Design Cost $(c) = (a)+(b)$ OR $(d)+(e)$ :	(\$000)
	(a)	Production of Plans and Specifications	375
	(b)	All Other Design Costs	1,187
	(c)	Total Design Cost	1,562
	(d)	Contract	750
	(e)	In-house	812

1.COMPONENT	<b>FY</b> 2004	MILITARY CONSTRUCTION PROJ	מתעת האתא	2.DATE	
ARMY	F1 2004	MILITARY CONSTRUCTION PROD	ECI DATA	06 FI	EB 2003
3.INSTALLATION AN	ID LOCATION			1	
Fort Drum, New	w York				
4. PROJECT TITLE	W TOTA		5.PROJECT I	NUMBER	
Danna alaa Gamma	10200 7			1 4 1	- 0.0
Barracks Comp	lex - 10200 A.	rea		14:	528
	NTAL DATA: (Co				
A. Estir		Data: (Continued) Contract Award		DEC	2003
	Constituecton	Conclude Award		<u>_DEC</u>	2005
(5)	Construction	Start		<u>APR</u>	2004
(6)	Construction	Completion		NOV	2006
		_			
B. Equir	oment associat	ted with this project which	will be p	rovided fi	∽om
other approp		eed with this project which	WIII DC P	rovided ii	- 0
Equipment		Procuring	Fiscal Year Appropriated Cos		
Nomenclati	<u>ire</u>	Appropriation		equested	(\$000)
		NA			

Installation Engineer: JOHN L. RAMEY Phone Number: 315 772-5371
PREVIOUS EDITIONS MAY BE USED INTERNALLY
UNTIL EXHAUSTED

1.COMPONENT							2.DATE	
	<b>FY</b> 2	004 <b>MIL</b>	ITAR	Y CON	STRUCTION PROJ	ECT DATA		
ARMY							06	FEB 2003
3.INSTALLATION AN	D LOCAT	ION			4.PROJECT TITLE			
Fort Drum					Barracks Co	mplex - W	Mheeler	Sack AAF
New York					Ph 1			
5.PROGRAM ELEMENT	1	6.CATEGORY CODI	E	7.PR	OJECT NUMBER	8.PROJECT		
						Auth	92,	
22696A		721			44122	Approp	49,	000
			9	.COST E	STIMATES			
	ITEM		UM	(M/E)	QUANTITY			
PRIMARY FACILI	<u>YT1</u>							67,723
Barracks				(SF)		175,581)		
Battalion HQs		_		(SF)	4,758 (		1,885	
Brigade HQs Bu		-		(SF)	1,185 (		1,895	
Company Operat		Facilities		(SF)	9,069 (		1,789	
Dining Facilit	-		m2	(SF)	2,080 (	22,389)	2,895	
Total from (								(6,041)
SUPPORTING FAC		<u>ES</u>						12,600
Electric Servi			LS					(390)
Water, Sewer,			LS					(2,639)
Paving, Walks		s & Gutters	LS					(2,631)
Storm Drainage			LS					(297)
Site Imp( 5,29		mo( )	LS					(5,296)
Information Systems			LS					(938)
Antiterrorism	/Force	Protection	LS					(409)
ESTIMATED CONT	TRACT	COST						80,323
CONTINGENCY PR	ERCENT	(5.00%)						4,016
SUBTOTAL								84,339
SUPV, INSP & (	OVERHE.	AD (5.70%)						4,807
DESIGN/BUILD -	- DESI	GN COST						3,213
TOTAL REQUEST								92,359
TOTAL REQUEST	(ROUN	DED)						92,000
INSTALLED EQT-	-OTHER	APPROP						( )
10.Description of Prop					origade-sized in FY 2004, al			
					uested in futu			
					erations facil			
					with classroom			•
			_		ining facility	_		ngtall
_					porting facility			
		_			arm systems; p			
		_			tems; and site	_		
					l filling of a			
_			_		wall, and rem		_	
mattresses and								,
protection (A)								al
					mprehensive bu			
					wired. Air con			
Access for the						Q1 C10111119	, - JJU C	0110.
11 pro:	1	,254 PN ADQ	т•		2,617 PN S	UBSTD:		1,637 PN
11. REQ:	4	, LOT FIN ADQ	T .	1035	2,01/ PN S	on)		1,00/ PN

1.COMPONENT								2.DATE	
1.COMPONENT	<b>FY</b> 2	2004	MILITA	RY COI	NSTRUCTION	PROJ	JECT DATA	Z.DAIE	
ARMY								0.6	FEB 2003
3.INSTALLATION AND	D LOCATION							1 00	110 2005
Fort Drum, New	/ York								
4.PROJECT TITLE							5.PROJECT	NUMBER	
Barracks Compl	ex - Whe	eler s	Sack A	F Ph	1			4	4122
9. COST ESTI	MATES (C	CONTIN	JED)						
								Unit	Cost
Item			UN	I (M/E	) QUA	NTIT	Y	COST	(\$000)
PRIMARY FACILI	TY (CONT	INUED	)_						
Consolidated T	Troop Aid	l Stat:	ion m2	(SF)	72	1 (	7,761)	2,637	(1,901)
Multipurpose A	Athletic	Field	$\mathbf{E}^{\mathbf{Z}}$	1		1		211,000	(211)
IDS Installati	on		LS	;					(145)
Antiterrorism	Force Pr	otect	ion LS	;					(1,623)
Building Infor	mation S	Systems	s LS	;					(2,161)
								Total	6,041

<u>REQUIREMENT:</u> This project is required to relocate the living and administrative facilities of the 10th Aviation Brigade from the Mountain View cantonment area to Wheeler-Sack Army Airfield (WSAAF). Maximum and intended utilization is 480 soldiers.

CURRENT SITUATION: The aviation brigade currently uses barracks and administrative operations facilities in the main cantonments area located about six miles from the airfield. Soldiers currently travel back and forth from the airfield to the barracks to perform their missions, wasting a lot of time. Also, weather conditions in the winter can add substantial time and risk to the travel. The existing barracks and operations facilities will be back-filled by units that are currently occupying substandard facilities. If this project is not provided, the Aviation IMPACT IF NOT PROVIDED: Brigade will continue to suffer reduced efficiencies from the separation from the airfield, and soldiers will continue to live in substandard facilities, which will adversely impact morale, retention, and readiness. ADDITIONAL: This project has been coordinated with the installation physical security plan and all required physical security measures are included. Also, all required anti-terrorism/force protection (AT/FP) measures are included. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement. Sustainable principles will be integrated into the design, development and construction of the project in accordance with Executive Order 13123 and other applicable laws and Executive Orders. JOINT USE CERTIFICATION: The Deputy Assistant Secretary of the Army (Installation and Housing) certifies that this project has been considered for joint use potential. Mission requirements, operational considerations, and location are incompatible with use by other components. During the past two years, \$0.7M has been spent on sustainment, restoration and modernization (SRM) (formerly known as Real Property Maintenance) on unaccompanied enlisted personnel housing at Fort Drum. Upon completion of this project, and other projects approved through FY 2004, the remaining unaccompanied enlisted permanent party personnel deficit will be 1,121 soldiers at maximum occupancy at this installation. A parametric cost estimate based upon project engineering design

1 COMPONENTE			2 DAME
1.COMPONENT	FY 2004 MILITARY CONSTRUCTION PROJE		2.DATE
ARMY	FI 2004 MILITARI CONSTRUCTION PROOF	CI DAIA	06 FEB 2003
3.INSTALLATION AN	L ID LOCATION		00 FEB 2003
Fort Drum, New	w York		
4.PROJECT TITLE		5.PROJECT NU	JMBER
Barracks Compl	lex - Wheeler Sack AAF Ph 1		44122
ADDITIONAL:	<del></del>		
was used to de	evelop this budget estimate.		
12. SUPPLEMEN			
	mated Design Data:		
(1)	Status: (a) Date Design Started		TANT 2002
	(b) Percent Complete As Of January 2003.		
	(c) Date 35% Designed		
	(d) Date Design Complete		
	(e) Parametric Cost Estimating Used to D		
	(f) Type of Design Contract: Design-bui	_	
	(g) An energy study and life cycle cost	analysis v	will be
	documented during the final design.		
(2)	Basis:		
	(a) Standard or Definitive Design: NO		
(2)	Matal Danian Cast (a) (a) (b) OD (d) ((a)		(4000)
(3)	Total Design Cost $(c) = (a)+(b)$ OR $(d)+(e)$ (a) Production of Plans and Specification		(\$000)
	(b) All Other Design Costs		
	(c) Total Design Cost		
	(d) Contract		
	(e) In-house		
(4)	Construction Contract Award		<u>DEC 2003</u>
(5)	Construction Start		<u>APR 2004</u>
(6)	Construction Completion	• • • • • • • • • • • • • • • • • • • •	<u>APR 2007</u>
B. Equir	pment associated with this project which w	vill be pro	ovided from
other approp		ill be pro	JVIdea IIOM
ocher approp	5114610115	Fisca	l Year
Equipment	Procuring		priated Cost
Nomenclati			<u>quested (\$000)</u>
	NA		
	Installation Engineer: COL J	Tohn I Dar	mesz
	Phone Number: 215 772 5271	оши и. Ral	шСу

## DEPARTMENT OF THE ARMY FISCAL YEAR 2004

# MILITARY CONSTRUCTION (PART I) (DOLLARS ARE IN THOUSANDS)

STATE		INSTALLATION (COMMAND/REGION)				NEW/	
	PROJECT		AUT	HORIZATION	APPROPRIATION	CURRENT	
	NUMBER	PROJECT TITLE		REQUEST	REQUEST	MISSION	PAGE
North (	Carolina	Fort Bragg (FORSCOM/SERO)					143
	35360	Barracks Complex - Bastogne Drive Ph 1		97,000	47,000	C	145
	48440	Barracks-D Area, Ph 4		17,000	17,000	C	148
	53538	Barracks Complex - Butner Road Ph 4		38,000	38,000	C	151
		Subtotal Fort Bragg PART I	\$	152,000	102,000		
		* TOTAL MCA FOR North Carolina	\$	152,000	102,000		

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COMPONENT	FY	2004-2005 MILITARY CO	ONSTRUCTION	N PROGRAM	2. DA	ATE
ARMY	ı	2001 - 2011				FEB 2003
INSTALLATION AND LO		4. COMMAND			5. AF	REA CONSTRUCTION
		İ			cc	OST INDEX
Fort Bragg		US Army Forces Comman	nd			
North Carolina		(Installation Manager	ment Acty,	Southeast Regi	on)	0.88
6. PERSONNEL STRENG	TH: PERMAN	ENT STUDEN	rs	SUPPORTE	D	
	OFFICER ENLI	ST CIVIL OFFICER ENLI	IST CIVIL	OFFICER ENLIST	CIVIL T	TOTAL
A. AS OF 30 SEP 2002	2 5469 346	12 4137 607 24	447 0	302 827	8130	56,531
B. END FY 2008	5560 354	59 3996 833 2	705 0	300 828	8353	58,034
		_				_
		7. INVENTORY I				
A. TOTAL AREA		599,887 ha (1,4				
		EP 2002			,193,562	
		VENTORY			641,530	
D. AUTHORIZATION	REQUESTED IN	THE FY 2004 PROGRAM		• • • •	152,000	
E. AUTHORIZATION	REQUESTED IN	THE FY 2005 PROGRAM		• • • •	106,976	
		(NEW MISSION ONLY)			1,367	
G. REMAINING DEF	ICIENCY			• • • •	122,810	
H. GRAND TOTAL		• • • • • • • • • • • • • • • • • • • •	• • • • • • • • • •	6	,218,245	
0 220 220 2220 22			~~~			
	_	ED IN THE FY 2004 PROC	∄RAM:	COCIT	DEGT CO	T. CODA OTTO
CATEGORY PROJECT		0 TO 000 TO 000 TO 000 TO 000 TO 000 TO 000 TO 000 TO 000 TO 000 TO 000 TO 000 TO 000 TO 000 TO 000 TO 000 TO 000 TO 000 TO 000 TO 000 TO 000 TO 000 TO 000 TO 000 TO 000 TO 000 TO 000 TO 000 TO 000 TO 000 TO 000 TO 000 TO 000 TO 000 TO 000 TO 000 TO 000 TO 000 TO 000 TO 000 TO 000 TO 000 TO 000 TO 000 TO 000 TO 000 TO 000 TO 000 TO 000 TO 000 TO 000 TO 000 TO 000 TO 000 TO 000 TO 000 TO 000 TO 000 TO 000 TO 000 TO 000 TO 000 TO 000 TO 000 TO 000 TO 000 TO 000 TO 000 TO 000 TO 000 TO 000 TO 000 TO 000 TO 000 TO 000 TO 000 TO 000 TO 000 TO 000 TO 000 TO 000 TO 000 TO 000 TO 000 TO 000 TO 000 TO 000 TO 000 TO 000 TO 000 TO 000 TO 000 TO 000 TO 000 TO 000 TO 000 TO 000 TO 000 TO 000 TO 000 TO 000 TO 000 TO 000 TO 000 TO 000 TO 000 TO 000 TO 000 TO 000 TO 000 TO 000 TO 000 TO 000 TO 000 TO 000 TO 000 TO 000 TO 000 TO 000 TO 000 TO 000 TO 000 TO 000 TO 000 TO 000 TO 000 TO 000 TO 000 TO 000 TO 000 TO 000 TO 000 TO 000 TO 000 TO 000 TO 000 TO 000 TO 000 TO 000 TO 000 TO 000 TO 000 TO 000 TO 000 TO 000 TO 000 TO 000 TO 000 TO 000 TO 000 TO 000 TO 000 TO 000 TO 000 TO 000 TO 000 TO 000 TO 000 TO 000 TO 000 TO 000 TO 000 TO 000 TO 000 TO 000 TO 000 TO 000 TO 000 TO 000 TO 000 TO 000 TO 000 TO 000 TO 000 TO 000 TO 000 TO 000 TO 000 TO 000 TO 000 TO 000 TO 000 TO 000 TO 000 TO 000 TO 000 TO 000 TO 000 TO 000 TO 000 TO 000 TO 000 TO 000 TO 000 TO 000 TO 000 TO 000 TO 000 TO 000 TO 000 TO 000 TO 000 TO 000 TO 000 TO 000 TO 000 TO 000 TO 000 TO 000 TO 000 TO 000 TO 000 TO 000 TO 000 TO 000 TO 000 TO 000 TO 000 TO 000 TO 000 TO 000 TO 000 TO 000 TO 000 TO 000 TO 000 TO 000 TO 000 TO 000 TO 000 TO 000 TO 000 TO 000 TO 000 TO 000 TO 000 TO 000 TO 000 TO 000 TO 000 TO 000 TO 000 TO 000 TO 000 TO 000 TO 000 TO 000 TO 000 TO 000 TO 000 TO 000 TO 000 TO 000 TO 000 TO 000 TO 000 TO 000 TO 000 TO 000 TO 000 TO 000 TO 000 TO 000 TO 000 TO 000 TO 000 TO 000 TO 000 TO 000 TO 000 TO 000 TO 000 TO 000 TO 000 TO 000 TO 000 TO 000 TO 000 TO 000 TO 000 TO 000 TO 000 TO 000 TO 000 TO 000 TO 000 TO 000 TO 000 TO 000 TO 000 TO 000 TO 000 TO 000		COST		N STATUS
CODE NUMBER		OJECT TITLE	D) 1	(\$000)		COMPLETE
		plex - Bastogne Drive	Ph I	47,000		2 08/2003
	Barracks-D A			17,000		2 08/2003
721 53538	Barracks Com	plex - Butner Road Ph	4	38,000	08/2001	12/2002
			TOTAL	102,000		
9. FUTURE PROJECT A	DDDODD I AIIII ONG .					
CATEGORY	PPROPRIATIONS:			COST		
CATEGORI	DE	OJECT TITLE		(\$000)		
A. REOUESTED IN				(\$000)		
721		plex-Black Jack St		49 500		
				48,500		
721 721		plex-Bastogne Dr Ph 2		47,500		
721		plex-D Area-Ph 5		15,500		
171	Shoot House			1,238		
171	Shoot House			1,238		
			TOTAL	113,976		
		ORATION, AND MODERNIZA	ATTOM / COM	): 764,981		

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.

ARMY	FY 2004-2005 MILITARY CONS	STRUCTION PROGRAM	2. DATE 06 FEB 2003
INSTALLATION	N AND LOCATION: Fort Bragg	North Carolir	la
11. OUTSTANDING POL	LUTION AND SAFETY DEFICIENCIES:		
		(\$00	
A. AIR POLLUTIO			0
B. WATER POLLUI C. OCCUPATIONAL	SAFETY AND HEALTH		0
	cost to remedy the deficiencies in all on is \$764,981,000, based on the Instal		

1.COMPONENT								2.DATE	
1. COM CIVELVI	<b>FY</b> 2	004 <b>MIL</b> I	CTAF	RY COI	ISI	RUCTION PRO	JECT DATA		
ARMY	2	001					0201 2		FEB 2003
3.INSTALLATION AN	D LOCAT	'ION	4.PROJECT TITLE						TED ZOOS
Fort Bragg						Barracks C	'ompley -	Ragtogne	Drive Dh
North Carolina				1	Onpica	Dabcogne	DIIVC III		
5. PROGRAM ELEMENT		7.PROJECT NUMBER 8.PROJECT C					10.)		
5.PROGRAM ELEMENT 6.CATEGORY CODE				/ • •	100	ECT NOTIBER	Auth		000
22696A		721				35360	Approp		000
22090A		721	C	COST	EST	TIMATES		T/,	000
PRIMARY FACIL	ITEM		UM	(M/E)		QUANTIT	.'Y		66,582
Barracks	<u> </u>		m ?	(SF)		27,596 (	297,040)	1,340	-
Company Operat	iona	Facilities		(SF)		11,570 (			
Battalion Head				(SF)		· · · · · · · · · · · · · · · · · · ·	19,089)		
Administrative	_	_		(SF)			17,018)		
Dining Facilit		IICy		(SF)		2,559 (			
Total from (	-	uation page	ш∠	(SF)		2,559 (	27,550)	۵,109	(4,539)
SUPPORTING FAC									21,252
Electric Servi		<u> </u>	LS						(3,663)
Water, Sewer,			LS						(618)
Steam And/Or (		d Water Diet							(3,906)
Paving, Walks			LS						(1,327)
Storm Drainage		s & Gullers	LS						(2,237)
Site Imp( 3,39		mo/ 5 362)	LS						(8,757)
Information Sy			LS						(525)
Antiterrorism			LS						(219)
Ancicerrorism	rorce	Procection	ГО						(219)
ESTIMATED CONT	ייף א פייי	СОСТ							87,834
CONTINGENCY PE	_								4,392
SUBTOTAL	шсши	(3.000)							92,226
	WEBHE	AD (5 70%)							5,257
SUPV, INSP & OVERHEAD (5.70%) TOTAL REQUEST									97,483
TOTAL REQUEST (ROUNDED)									97,000
INSTALLED EQT-		•							37,000
11.011.11111111111111111111111111111111	O 111111C	111 1 1101							( )
			i						

Construct a brigade-sized barracks complex. The 10.Description of Proposed Construction full authorization of \$97M is requested in FY 2004, along with Phase 1 funding of \$47M. The balance will be requested in future years programs. The complex will include barracks, one large battalion headquarters with classroom and troop aid station, dining facility (to serve 501-800 soldiers), an administration building, nine company operations facilities (one extra-large, six medium, and two small), and outdoor recreational facilities. Provide energy monitoring and control systems (EMCS). Install intrusion detection systems (IDS). Supporting facilities include utilities; electric service; fire protection and alarm systems; paving, walks, curbs, and gutters; parking; traffic signage; storm drainage; information systems; and site improvements. Heating and air conditioning (2,000 tons) will be provided by central plants. Anti-terrorism/force protection will be provided by structural reinforcement, special windows and doors, and site measures. Access for the handicapped will be provided. Comprehensive building and furnishings related interior design services are required. The high cost of supporting facilities is due to demolition of buildings(630,816SF) including asbestos and lead based paint abatement, the length of utility service lines, storm drainage retention, and access roads.

1.COMPONENT					2.DATE	
7 10 14 15 7	<b>FY</b> 2004 <b>MIL</b>	ITARY CONSTR	RUCTION PROJ	ECT DATA	0.6	EED 2002
ARMY 3.INSTALLATION AND	I.OCATTON				06	FEB 2003
	200112011					
Fort Bragg, Nor	th Carolina					
4.PROJECT TITLE				5.PROJECT 1	NUMBER	
Barracks Comple	ex - Bastogne Dri	ve Ph 1			3	5360
				•		
9. COST ESTIM	MATES (CONTINUED)	-				
					Unit	Cost
Item		UM (M/E)	QUANTITY		COST	(\$000)
PRIMARY FACILIT						
Central Energy		EA	1	•	743,342	(743)
IDS Installatio		LS				(205)
EMCS Connection		LS				(728)
	orce Protection	LS				(1,917)
Building Inform	nation Systems	LS				(946)
					Total	4,539
11 DEO:	14 457 DM 3D0	m• 1	10 00C DN G	ID CIID •		271 DM
11. REQ:	14,457 PN ADQ		LO,086 PN SI		4	,371 PN
	ruct a barracks				1- 2	
	This project is					
	soldiers that me	et current s	standards. M	axımum and	d intend	led
utilization is				_		
CURRENT SITUATI			ine barracks			
	y deteriorated.					
	ed in the barrac			ive facil:	ities ha	.ve
_	outs, and are to					_
IMPACT IF NOT F			s not provi			
	ve and work in su				ities, w	hich
	impact morale, r					
	his project has					
	and all required					
_	errorism/force p					
_	en prepared and					. <b>S</b>
	most cost-effect					
	nciples will be					
construction of	the project in	accordance v	vith Executi	ve Order 1	13123 an	d other
applicable laws	s and Executive o	rders. JOIN	USE CERTIF	ICATION: 7	The Depu	ty
Assistant Secre	etary of the Army	(Installati	on and Hous	ing) cert:	ifies th	at this
project has bee	en considered for	joint use p	potential. M	ission red	quiremen	its,
operational con	nsiderations, and	location and	re incompatil	ble with ι	use by c	ther
components. Dur	ring the past two	years \$2.6M	M has been s	pent on su	ustainme	:nt,
restoration and	l modernization (	SRM) (former	aly known as	Real Prop	perty	
Maintenance) or	n unaccompanied e	nlisted pers	sonnel housi	ng at Fort	t Bragg.	Upon
completion of t	this and other pr	ojects appro	oved through	FY 2004,	the rem	aining
unaccompanied e	enlisted permanen	t party pers	sonnel defic	it will be	e 3,299	
soldiers at max	cimum occupancy a	t this insta	allation. A	parametrio	c cost e	stimate
	ject engineering					
estimate.						

ARMY  OF THE Bragg, North Carolina  PROJECT TITLE  ARTRACKS Complex - Bastogne Drive Ph 1  2. SUPPLEMENTAL DATA:  A. Estimated Design Data:  (1) Status:  (a) Date Design Started		NT	NENT				2.DATE
Installation and Location		17	ъ <i>л</i> ъ∕	<b>FY</b> 2004	MILITARY CONSTRUCTION	N PROJECT DAT	
### PROJECT TITLE   5.PROJECT NUMBER   35360   35360   35360   35360   35360   35360   35360   35360   35360   35360   35360   35360   35360   35360   35360   35360   35360   35360   35360   35360   35360   35360   35360   35360   35360   35360   35360   35360   35360   35360   35360   35360   35360   35360   35360   35360   35360   35360   35360   35360   35360   35360   35360   35360   35360   35360   35360   35360   35360   35360   35360   35360   35360   35360   35360   35360   35360   35360   35360   35360   35360   35360   35360   35360   35360   35360   35360   35360   35360   35360   35360   35360   35360   35360   35360   35360   35360   35360   35360   35360   35360   35360   35360   35360   35360   35360   35360   35360   35360   35360   35360   35360   35360   35360   35360   35360   35360   35360   35360   35360   35360   35360   35360   35360   35360   35360   35360   35360   35360   35360   35360   35360   35360   35360   35360   35360   35360   35360   35360   35360   35360   35360   35360   35360   35360   35360   35360   35360   35360   35360   35360   35360   35360   35360   35360   35360   35360   35360   35360   35360   35360   35360   35360   35360   35360   35360   35360   35360   35360   35360   35360   35360   35360   35360   35360   35360   35360   35360   35360   35360   35360   35360   35360   35360   35360   35360   35360   35360   35360   35360   35360   35360   35360   35360   35360   35360   35360   35360   35360   35360   35360   35360   35360   35360   35360   35360   35360   35360   35360   35360   35360   35360   35360   35360   35360   35360   35360   35360   35360   35360   35360   35360   35360   35360   35360   35360   35360   35360   35360   35360   35360   35360   35360   35360   35360   35360   35360   35360   35360   35360   35360   35360   35360   35360   35360   35360   35360   35360   35360   35360   35360   35360   35360   35360   35360   35360   35360   35360   35360   35360   35360   35360   35360   35360   35360   35360   35360   35360   35360   35360   35360	ON AND L			I ION AND LOCATION			OO FED 20
### PROJECT TITLE ###   5.PROJECT NUMBER   ### PATRICLES COMPLEX - Bastogne Drive Ph 1   35360    SUPPLEMENTAL DATA:	01. 12.2			2001-1-1-			
### Arracks Complex - Bastogne Drive Ph 1 35360    SUPPLEMENTAL DATA:	g, Nort	agg,	rag	g, North Carolina			
A. Estimated Design Data:   (1) Status:   (a) Date Design Started	TLE	TITL	СТ Т	ITLE		5.PROJE	CT NUMBER
A. Estimated Design Data:  (1) Status:  (a) Date Design Started	~ 7	~	,	a 1			25260
A. Estimated Design Data:  (1) Status:  (a) Date Design Started	:omplex	s Co	KS	Complex - Bastogne	e Drive Ph I		35360
A. Estimated Design Data:  (1) Status:  (a) Date Design Started	LEMENTA	PPLE	UPP	LEMENTAL DATA:			
(a) Date Design Started					Data:		
(b) Percent Complete As Of January 2003. 45. (c) Date 35% Designed. OCT 20. (d) Date Design Complete. AUG 20. (e) Parametric Cost Estimating Used to Develop Costs (f) Type of Design Contract: Design-bid-build (g) An energy study and life cycle cost analysis will be documented during the final design.  (2) Basis: (a) Standard or Definitive Design: YES (b) Where Most Recently Used: Fort Bragg  (3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000 (a) Production of Plans and Specifications. 1,8 (b) All Other Design Costs. 7, (c) Total Design Cost. 2,5 (d) Contract. (e) In-house. 2,5 (e) In-house. 2,5 (f) Construction Contract Award. DEC 20.  (5) Construction Start. JAN 20. (6) Construction Completion. JUN 20.  B. Equipment associated with this project which will be provided from other appropriations: Fiscal Year	1) St	(1		(1) Status:			
(c) Date 35% Designed	(a				_		
(d) Date Design Complete	•						
(e) Parametric Cost Estimating Used to Develop Costs Y (f) Type of Design Contract: Design-bid-build (g) An energy study and life cycle cost analysis will be documented during the final design.  (2) Basis: (a) Standard or Definitive Design: YES (b) Where Most Recently Used: Fort Bragg  (3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000 (a) Production of Plans and Specifications	•						
(f) Type of Design Contract: Design-bid-build (g) An energy study and life cycle cost analysis will be documented during the final design.  (2) Basis: (a) Standard or Definitive Design: YES (b) Where Most Recently Used: Fort Bragg  (3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000 (a) Production of Plans and Specifications. 1,8 (b) All Other Design Costs. 7, (c) Total Design Cost . 2,5 (d) Contract. 2,5 (e) In-house. 2,5  (4) Construction Contract Award. DEC 20 (5) Construction Start JAN 20 (6) Construction Completion. JUN 20  B. Equipment associated with this project which will be provided from other appropriations:	•				_		
(g) An energy study and life cycle cost analysis will be documented during the final design.  (2) Basis: (a) Standard or Definitive Design: YES (b) Where Most Recently Used: Fort Bragg  (3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000 (a) Production of Plans and Specifications. 1,8 (b) All Other Design Costs. 7: (c) Total Design Cost. 2,5 (d) Contract. (e) In-house. 2,5 (4) Construction Contract Award. DEC 20 (5) Construction Start. JAN 20 (6) Construction Completion. JUN 20 (6) Construction Completion. Fiscal Year	=				_	_	
documented during the final design.  (2) Basis:     (a) Standard or Definitive Design: YES     (b) Where Most Recently Used:     Fort Bragg  (3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000 (a) Production of Plans and Specifications. 1,8 (b) All Other Design Costs. 7. (c) Total Design Cost. 2,5 (d) Contract. (e) In-house. 2,5 (d) Construction Contract Award. DEC 20 (5) Construction Start. JAN 20 (6) Construction Completion. JUN 20 (6) Construction Completion. Fiscal Year							
(2) Basis: (a) Standard or Definitive Design: YES (b) Where Most Recently Used: Fort Bragg  (3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000 (a) Production of Plans and Specifications	(9						ois will be
(a) Standard or Definitive Design: YES (b) Where Most Recently Used: Fort Bragg  (3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000 (a) Production of Plans and Specifications				aocamerre	sea during one rinar a	CD 1 911 •	
(b) Where Most Recently Used: Fort Bragg  (3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000 (a) Production of Plans and Specifications. 1,8 (b) All Other Design Costs. 7, (c) Total Design Cost. 2,5 (d) Contract. (e) In-house. 2,5  (4) Construction Contract Award. DEC 20  (5) Construction Start. JAN 20  (6) Construction Completion. JUN 20  B. Equipment associated with this project which will be provided from other appropriations:  Fiscal Year	2) Ba	(2		(2) Basis:			
Fort Bragg   (3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000 (a) Production of Plans and Specifications	(a			(a) Standard	d or Definitive Design	: YES	
(3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000 (a) Production of Plans and Specifications. 1,8 (b) All Other Design Costs. 7 (c) Total Design Cost. 2,5 (d) Contract. (e) In-house. 2,5  (4) Construction Contract Award. DEC 20  (5) Construction Start. JAN 20  (6) Construction Completion. JUN 20  B. Equipment associated with this project which will be provided from other appropriations:	(b			(b) Where Mo	ost Recently Used:		
(a) Production of Plans and Specifications				Fort Bra	agg		
(a) Production of Plans and Specifications	(2) To	/ 2		(3) Total Dogian	Cost(s) = (s) + (b) OB	(4)+(5):	( \$000 )
(b) All Other Design Costs. 7/ (c) Total Design Cost. 2,5 (d) Contract. 2,5 (e) In-house. 2,5  (4) Construction Contract Award. DEC 20  (5) Construction Start. JAN 20  (6) Construction Completion. JUN 20  B. Equipment associated with this project which will be provided from other appropriations:  Fiscal Year		( )					, , ,
(c) Total Design Cost	•						
(d) Contract.  (e) In-house	( c						
(4) Construction Contract Award	(d			(d) Contract	-		
(5) Construction Start	(e			(e) In-house	2		2,500
(6) Construction Completion	(4) Co	(4		(4) Construction	Contract Award		<u>DEC 2003</u>
B. Equipment associated with this project which will be provided from other appropriations:  Fiscal Year	(5) Co	(5		(5) Construction	Start		JAN 2004
other appropriations: Fiscal Year	(6) Co:	(6		(6) Construction	Completion		JUN 2006
other appropriations: Fiscal Year	3 d o	Π		D		مط 11 أنا ما ما أمان	
Fiscal Year					Lea with this project v	wiicii wiii be	e provided from
Equipment Procuring Appropriated Co	PLOPLI	app	_	PPIOPIIGOIOID		Fi	scal Year
	nent	ipme	uip	ment	Procuring	Ap	propriated Cos
Nomenclature Appropriation Or Requested	<u>lature</u>	<u>encl</u>	men	<u>clature</u>	<u>Appropriation</u>	<u>Or</u>	Requested (\$0
NA					NA		

Installation Engineer: COL ROBERT L. SHIRRON

1.COMPONENT								2.DATE	
1	<b>FY</b> 2	.004 <b>MILJ</b>	TAF	Y CO	NSI	RUCTION PROJE	ECT DATA		
ARMY	1							06	FEB 2003
3.INSTALLATION AN	D LOCAT	.'ION				4.PROJECT TITLE			
Fort Bragg									
North Carolina	a					Barracks-D A	Area, Ph	4	
5.PROGRAM ELEMENT		6.CATEGORY CODE		7.5	PROJ	ECT NUMBER		COST (\$00	00)
						Auth	17,	000	
22696A	22696A 721					48440	Approp	17,	
			9	.COST	EST	TIMATES			
	ITEM		UM	(M/E)		QUANTITY			
PRIMARY FACILI	YT1	•							12,783
Barracks		'	m2	(SF)		7,041 (	75,794)	1,372	(9,664)
Soldier Commun	nity B	uildings	m2	(SF)		1,323 (	14,243)	1,530	(2,025)
Antiterrorism	Force	Protection	LS						(909)
Building Infor	rmatio	n Systems	LS						(185)
		'							
1		'							
SUPPORTING FAC	CILITI	.ES			1				2,444
Electric Servi	ice	'	LS						(212)
Water, Sewer,	Gas	'	LS						(82)
Steam And/Or C	Chille	d Water Dist	LS						(241)
Paving, Walks,	, Curb	s & Gutters	LS						(77)
Storm Drainage	<u>e</u>	'	LS						(56)
Site Imp( 25	56) De	mo( 1,310)	LS						(1,566)
Information Sy	/stems	, ,	LS						(150)
Antiterrorism/	/Force	Protection	LS						(60)
ESTIMATED CONT	ſRACT	COST							15,227
CONTINGENCY PE	ERCENT	(5.00%)							761
SUBTOTAL		'							15,988
SUPV, INSP & OVERHEAD (5.70%)									911
TOTAL REQUEST									16,899
TOTAL REQUEST (ROUNDED)									17,000
INSTALLED EQT-OTHER APPROP									(
		'							
			l						
10.Description of Propo						parracks, and			
barracks and t	two so	ldier communi	tv	buil	dir	ngs. Supportin	ng facil	ities in	clude

Description of Proposed Construction Renovate one barracks, and construct one new barracks and two soldier community buildings. Supporting facilities include utilities; electric service; steam and chilled water distribution; paving, walks, curbs and gutters; storm drainage; information systems; and site improvements. Asbestos survey and abatement/disposal are required. Anti-terrorism/force protection (AT/FP) will be provided by structural reinforcement, special windows and doors, and site measures. Air conditioning: 300 tons. Access for the handicapped will be provided. Demolish two buildings (83,040 SF) with asbestos abatement. Comprehensive building and furnishings related interior design services are required.

<u>PROJECT:</u> Renovate one barracks and construct one barracks and two soldier community buildings. (Current Mission)

<u>REQUIREMENT:</u> This project is required to provide living conditions for soldiers that meet current standards. Maximum and intended utilization is 240 soldiers.

1.COMPONENT	ΕV	2004	мтт.ттару	CONSTRUCTION	DRO.TEC	מיד מר יד	2.DATE		
ARMY		2004	MILLIANI	CONDINGCTION	TROOM	I DAIA	0.6	5 FEB	2003
3.INSTALLATION AND	D LOCATIO	N							
East Drogg No	m+b Co	.olino							
Fort Bragg, No 4.PROJECT TITLE	II Cai	OIIIIa			5	.PROJECT	NUMBER		
Barracks-D Are	a, Ph	1						4844	0

<u>CURRENT SITUATION:</u> The existing gang latrine barracks are old and lack the space, privacy, and amenities required by current standards.

<u>IMPACT IF NOT PROVIDED:</u> If this project is not provided, soldiers will continue to live in substandard and deteriorated facilities, which will adversely impact morale, retention, and readiness.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and all required physical security measures are included. Also, all required anti-terrorism/force protection measures are included. An economic analysis has been prepared and utilized in evaluating this project. This project is the most cost-effective method to satisfy the requirement. Sustainable principles will be integrated into the design, development, and construction of the project in accordance with Executive Order 13123 and other applicable laws and Executive orders. JOINT USE CERTIFICATION: The Deputy Assistant Secretary of the Army (Installation and Housing) certifies that this project has been considered for joint use potential. Mission requirements, operational considerations, and location are incompatible with use by other components. During the past two years \$2.6M has been spent on sustainment, restoration, and modernization (SRM) (formerly known as Real Property Maintenance) on unaccompanied enlisted personnel housing at Fort Bragg. Upon completion of this project, and other projects approved through 2004, the remaining unaccompanied enlisted permanent party personnel deficit will be 3,299 soldiers at maximum occupancy at this installation. A parametric cost estimate based upon project engineering design was used to develop this budget estimate.

### 12. SUPPLEMENTAL DATA:

- A. Estimated Design Data:
  - (1) Status:

(a)	Date Design Started	<u>JAN 2002</u>
(b)	Percent Complete As Of January 2003	45.00
(c)	Date 35% Designed	SEP 2002
(d)	Date Design Complete	AUG 2003

- (e) Parametric Cost Estimating Used to Develop Costs _____YES
- (f) Type of Design Contract: Design-bid-build
- (g) An energy study and life cycle cost analysis will be documented during the final design.
- (2) Basis:
  - (a) Standard or Definitive Design: YES
  - (b) Where Most Recently Used:
     Fort Bragg

1.COMPONENT				2.DATE	
	FY 2004 MILITAE	RY CONSTRUCTION PROJE	CT DATA		
ARMY				06 FE	в 2003
3.INSTALLATION AN	D LOCATION				
Fort Bragg, No	orth Carolina				
4.PROJECT TITLE			5.PROJECT N	UMBER	
Barracks-D Are	na Dh 4			484	40
Ballacks-D Ale	ca, Pii 4			101	40
12. SUPPLEMEN	NTAL DATA: (Continued)	)			
A. Estir	nated Design Data: (Co	ontinued)			
	(c) Total Design Cos	st			900
	` '				600
	` '				
	(e) In-house			• • •	300
(4)	Construction Contract	t Award		<u>DEC</u>	2003
(5)	Construction Start			πατ	2004
(3)	construction start			· · · <u> </u>	2001
( - )					0005
(6)	Construction Complet:	10n		<u>JAN</u>	<u> 2006</u>
B. Equir	oment associated with	this project which w	ill be pr	ovided fr	Om
other approp		chie project which v	TII DC PI	ovided ii	O.I.I
other approp	oriacions.		_,		
				l Year	
Equipment	I	Procuring	Appro	priated	Cost
Nomenclati	ire A	Appropriation	Or Re	quested	(\$000)
	<del></del>				
		NA			
		IVA			

Installation Engineer: Camille M. Cole

1.COMPONENT									2.DATE	
	<b>FY</b> 2	004 <b>MIL</b>	ITAI	RY CO	NST	RUCTION	PRO	JECT DATA		
ARMY									06	FEB 2003
3.INSTALLATION AN	D LOCAT	'ION				4.PROJEC	r TIT	LE		
Fort Bragg										
North Carolina	l					Barrac	ks C	omplex - 1	Butner Ro	oad Ph 4
5.PROGRAM ELEMENT		6.CATEGORY CODE	C	7.PROJECT NUMBER 8.PROJECT						
								Auth	38,	000
22696A		721				53538		Approp	38,	000
		L	٥	O.COST	EST	IMATES				
	ITEM		UM	I (M/E)		QU	ANTIT	Y		
PRIMARY FACILI	TY									29,329
Barracks			m2	(SF)		15,68	0 (	168,778)	1,327	(20,807)
Battalion Head	lquart	ers Building	m2	(SF)		1,48	3 (	15,963)	1,425	(2,113)
Company Operat	ions	Facilities	m2	(SF)		3,42	8 (	36,899)	1,291	(4,426)
Antiterrorism	Force	Protection	LS							(1,095)
EMCS Connection	ns		LS							(443)
Total from C	Contin	uation page								(445)
SUPPORTING FAC	CILITI	E <u>S</u>								5,352
Electric Servi	.ce		LS							(701)
Water, Sewer,	Gas		LS	LS				(935)		
Steam And/Or C	Chille	d Water Dist	LS							(789)
Paving, Walks,	Curb	s & Gutters	LS							(1,431)
Storm Drainage	2		LS							(172)
Site Imp( 97	'3) De	mo( )	LS							(973)
Information Sy	rstems		LS							(236)
Antiterrorism/	Force	Protection	LS							(115)
ESTIMATED CONT	_									34,681
CONTINGENCY PE	RCENT	(5.00%)								1,734
SUBTOTAL										36,415
SUPV, INSP & C	VERHE.	AD (5.70%)								2,076
TOTAL REQUEST										38,491
TOTAL REQUEST (ROUNDED)										38,000
INSTALLED EQT-	OTHER	APPROP								( )
10.Description of Propo	osed Const	truction Con	strı	uct Pi	has	e 4 of	a co	mplex con	sisting (	of

Donestription of Proposed Construction Construct Phase 4 of a complex consisting of barracks, four medium company operations facilities, a battalion headquarters building (large with classrooms), and recreational facilities. Connect energy monitoring and control systems (EMCS). Install intrusion detection systems (IDS). Supporting facilities include utilities; electric service; fire protection and alarm systems; paving, walks, curbs, and gutters; traffic signage; storm drainage; information systems; and site improvements. Heating and air conditioning (1,100 tons) will be provided. Anti-terrorism/force protection will be provided by structural reinforcement, special windows and doors, and site measures. Provide comprehensive building and furnishings related interior design services. Access for the handicapped will be provided.

11. REQ: 14,457 PN ADQT: 10,086 PN SUBSTD: 4,371 PN
PROJECT: Construct a barracks complex. (Current Mission)

<u>REQUIREMENT:</u> This project is required to provide living and working conditions for soldiers that meet current standards. Maximum utilization is 448 soldiers and intended utilization is 392 E1-E4s and 28 E5-E6s.

1.COMPONENT								2.DATE	
	FY	2004	MILITAR	Y CONS	TRUCTION	PROJE	CT DATA		
ARMY								06	FEB 2003
3.INSTALLATION AND	LOCATIO	N							
Fort Bragg, No	rth Car	olina							
4.PROJECT TITLE							5.PROJECT N	UMBER	
Barracks Compl	ex - Bu	tner R	Road Ph 4						53538
9. COST ESTI	MATES (	CONTIN	<u>IUED)</u>						
								Unit	Cost
Item			UM	(M/E)	QUA	NTITY		COST	(\$000)
PRIMARY FACILI	TY (CON	TINUED	<u>)</u>						
IDS Installati	on		LS						(44)
Building Infor	mation	System	ns LS						(401)
								Total	445

<u>CURRENT SITUATION:</u> The existing gang latrine barracks are nearly 50 years old and are severely deteriorated. The existing operational facilities are too small and are located in the barracks; and the administrative facilities have inefficient layouts, and are too small and dispersed.

IMPACT IF NOT PROVIDED: If this project is not provided, soldiers will continue to live and work in substandard and deteriorated facilities, which will adversely impact morale, retention, and readiness.

This project has been coordinated with the installation physical security plan, and all required physical security measures are included. Also, all required anti-terrorism/force protection measures are included. An economic analysis has been prepared and used in evaluating this project. This project is the most cost-effective method to satisfy the requirement. Sustainable principles will be integrated into the design, development, and construction of the project in accordance with Executive Order 13123 and other applicable laws and Executive orders. JOINT USE CERTIFICATION: The Deputy Assistant Secretary of the Army (Installation and Housing) certifies that this project has been considered for joint use potential. Mission requirements, operational considerations, and location are incompatible with use by other components. During the past two years, \$2.6M has been spent on sustainment, restoration and modernization (SRM) (formerly known as Real Property Maintenance) of unaccompanied enlisted personnel housing at Fort Bragg. Upon completion of this project, and other projects approved through FY 2004, the remaining unaccompanied enlisted permanent party personnel deficit will be 3,299 soldiers at maximum occupancy at this installation. A parametric cost estimate based upon project engineering design was used to develop this budget estimate.

## 12. SUPPLEMENTAL DATA:

- A. Estimated Design Data:
  - (1) Status:

(a)	Date Design Started	<u>AUG 2001</u>
(b)	Percent Complete As Of January 2003	100.00
(c)	Date 35% Designed	DEC 2001
(d)	Date Design Complete	DEC 2002
(e)	Parametric Cost Estimating Used to Develop Costs	YES
(f)	Type of Design Contract: Design-bid-build	

1.COMPONENT				2.DATE	
	FY 2004 MILITAI	FY 2004 MILITARY CONSTRUCTION PROJE		26	
ARMY 3.INSTALLATION AND LOCATION				06 FEB 2003	
3.INSTABLATION AND LOCATION					
Fort Bragg, North Carolina					
4.PROJECT TITLE			5.PROJECT N	UMBER	
Danier de Campleir Diction Dood Dh 4				F2F20	
Barracks Comp.	lex - Butner Road Ph		53538		
12. SUPPLEMENTAL DATA: (Continued)					
A. Estimated Design Data: (Continued)					
(g) An energy study and life cycle cost analysis will be					
documented during the final design.					
(2) Basis:					
(a) Standard or Definitive Design: YES					
(b) Where Most Recently Used:					
	Fort Bragg	ncly obca-			
1010 21033					
(3) Total Design Cost (c) = $(a)+(b)$ OR $(d)+(e)$ : (\$					
	(a) Production of Plans and Specifications1,400				
	(b) All Other Design	n Costs		400	
(c) Total Design Cost					
	(e) In-house		• • • • • • • • •	1,800	
(4)	Construction Contract Award				
•					
(5)	Construction Start				
(6)	(6) Construction Completion MAY 2006				
( )	COMPTED COMPTED	1011		<u>PMI 2000</u>	
B. Equipment associated with this project which will be provided from					
other appropriations:					
		D annina		al Year	
Equipment Nomenclature		Procuring Appropriation		opriated Cost equested (\$000)	
NOMETICIAL	<u>ire</u>	Appropriacion	OT VE	<u>iquestea</u> (3000)	
NA					

Installation Engineer: COL ROBERT L. SHIRRON Phone Number: 910-396-4009

## DEPARTMENT OF THE ARMY

### FISCAL YEAR 2004

# MILITARY CONSTRUCTION (PART I) (DOLLARS ARE IN THOUSANDS)

STATE		INSTALLATION (COMMAND/REGION)				NEW/	
	PROJECT		AUTHOR	IZATION	APPROPRIATION	CURRENT	
	NUMBER	PROJECT TITLE	I	REQUEST	REQUEST	MISSION	PAGE
Oklahon	na	Fort Sill (TRADOC/SWRO)					157
	55549	Modified Record Fire Range		3,500	3,500	C	159
		Subtotal Fort Sill PART I	\$	3,500	3,500		
		* TOTAL MCA FOR Oklahoma	\$	3,500	3,500		

1. COMPONENT	FY	Y 2004-2005 MILITARY	CONSTRUCTION PF	ROGRAM	2. DATE
ARMY		2001 2000 1	001.011.00	00121	06 FEB 2003
• • • • • • • • • • • • • • • • • • • •					
3. INSTALLATION AND LO	JCATION	4. COMMAND		-	5. AREA CONSTRUCTION
	,	Į			COST INDEX
Fort Sill	ı	US Army Training a	and Doctrine Comm	nand	
Oklahoma	ļ	(Installation Manag			0.92
		\			
6. PERSONNEL STRENG	GTH: PERMAN	NENT STUD	DENTS	SUPPORTED	
		IST CIVIL OFFICER E			IVIL TOTAL
A. AS OF 30 SEP 200			7531 0		4050 24,972
B. END FY 2008		212 1461 580	6912 0		4050 24,250
		7. INVENTOR	RY DATA (\$000)		
A. TOTAL AREA		37,972 ha	(93,831 AC)		
		SEP 2002		2,9	35,876
		NVENTORY		,	31,327
		THE FY 2004 PROGRAM			3,500
	_	THE FY 2005 PROGRAM			0
		(NEW MISSION ONLY).			1,376
		(NEW MISSION ONLY).			1,376
					16,497 88,576
H. GEANN IONE					38,5/0
9 PROTECT APPROPR	TATTONS REQUEST	FED IN THE FY 2004 P	DDCCRAM:		
CATEGORY PROJECT		ED IIN IIIB ET 2001	*CORPANI*	COST	DESIGN STATUS
CATEGORY PROJECT  CODE NUMBER		ROJECT TITLE		(\$000)	DESIGN STATUS START COMPLETE
	9 Modified Rec				03/2002 04/2003
1/0 55515	) MOUILIEU INCO	Ord file hange		3,500	U3/2UU2 U4/2UU3
			TOTAL	3,500	
9. FUTURE PROJECT A	APPROPRIATIONS:	;			
CATEGORY				COST	
CODE	PR	ROJECT TITLE		(\$000)	
A. REQUESTED IN	N THE FY 2005 P	PROGRAM:			
214	Consolidated	d Maintenance Comple	ex, Ph 2	12,000	
			TOTAL	12,000	
B. PLANNED NEXT	r four program	YEARS (NEW MISSION	ONLY):		
178	Urban Assaul	lt Course Compl		1,376	
			TOTAL	1,376	
C. DEFERRED SUS	STAINMENT, REST	TORATION, AND MODERN	IZATION (SRM):	477,026	
10. MISSION OR MAJO					
Support and tra	aining of artil	lery and missile un	its, operation o	of the US Army	Field Artillery Center
and School, US Army	y Reception Cen	iter and provides su	pport for tenant	activities ar	nd Reserve Components
summer training.					

ARMY	FY 2004-2005	MILITARY CONSTRUCTION	IN PROJ <del>i</del> KAM	2. DATE 06 FEB 2003
INSTALLATION	AND LOCATION: Fort Sill	L	Oklahoma	
11. OUTSTANDING POL	LUTION AND SAFETY DEFICE	IENCIES:		
	_		(\$00	
A. AIR POLLUTION B. WATER POLLUT				0
	SAFETY AND HEALTH			0
	ost to remedy the defici			mi-permanent facilities rmation on conditions as

1.COMPONENT									2.DATE	
1.00.11.01.11.1	<b>FY</b> 2	.004 <b>MIL</b>	ITAR	Y CO	NST	RUCTION PE	ROJE	CT DATA		
ARMY	ı									FEB 2003
3.INSTALLATION AND	D LOCAT	.ion				4.PROJECT T	TTLE		,	
Fort Sill										
Oklahoma					_	Modified	Rec	cord Fire	e Range	
5.PROGRAM ELEMENT	E	7.P	ROJ	ECT NUMBER		8.PROJECT	COST (\$00	00)		
								Auth	3,	500
22212A		178				55549		Approp	3,	500
			9	.COST	EST	IMATES				
	ITEM		UM	(M/E)		QUANT	YTI			
PRIMARY FACILI										2,521
Modified Recor		e Range	FP	\		16 -		2001	112,681	
Covered Traini	_			(SF)		74.32	•	800)		
Laterine, 2 EA				(SF)		83.61		900)		
Cadre / Ops Of		3.1		(SF)		74.32	`	800)		
Ammo Breakdown		_	m2	(SF)		13.94	(	150)	1,120	
Total from C					—					(470)
SUPPORTING FAC		<u>ES</u>	_{- C}							624
Electric Servi		- Costtona	LS			-				(328)
Paving, Walks, Storm Drainage		S & GULLEIS	LS			- -				(195) (3)
Storm Drainage Site Imp(		emo()	LS LS			- -				(15)
Information Sy			LS			_				(83)
IIIIOI MACIOII Dy	SCEIIID		υο							(05)
ESTIMATED CONT	RACT	COST			†					3,145
CONTINGENCY PE										157
SUBTOTAL										3,302
SUPV, INSP & C	VERHE	AD (5.70%)								188
TOTAL REQUEST										3,490
TOTAL REQUEST	(ROUN	DED)								3,500
INSTALLED EQT-	-OTHER	APPROP								( )
10.Description of Propo						andard-des	_			
record fire (M										
are equipped w										
control tower,										
breakdown buil										_
positions, tar										_
Supporting fac										

drainage, roads and parking, signs and barricades, information systems, and site improvements. Heating will be provided by a self-contained system in the range buildings and air conditioning (4 tons) provided in the control tower. Subsurface unexploded ordnance (UXO) removal will be accomplished with other appropriations. Targetry will be funded by other procurement, Army (OPA). Supporting facilities cost is high due to the length of electric service lines and access road.

11. REQ: 16 FP ADOT: NONE SUBSTD: 16 FP PROJECT: Construct a standard-design 16-lane Modified Record Fire (MRF) Range. (Current Mission)

1.COMPONENT								2.DATE	
	FY	2004	MILITAR	Y CONS	STRUCTION :	PROJ	ECT DATA		
ARMY								06	FEB 2003
3.INSTALLATION AN	D LOCATIO	N							
Fort Sill, Okl	Lahoma								
4.PROJECT TITLE							5.PROJECT	NUMBER	
Modified Recor	d Fire	Range						5	5549
9. COST EST	MATES (	CONTIN	IUED)						
								Unit	Cost
Item			UM	(M/E)	QUAN	TITY		COST	(\$000)
PRIMARY FACILI	TY (CON	TINUED	<u>)</u>						
Covered Mess A	Area, 2	EA	m2	(SF)	138.05	(	1,486)	751.13	(104)
Maintenance Bu	uilding		m2	(SF)	80.27	(	864)	1,199	(96)
Organizational	l Classr	room	m2	(SF)	209.03	(	2,250)	1,179	(246)
Building Infor	rmation	System	ns LS						(24)
								Total	470

<u>REQUIREMENT:</u> This project is required to provide modern targetry and feedback in support of rifle qualifications and familiarization training for four Basic Combat Training (BCT) and One Station Unit Training (OSUT) Battalions, four resident FORSCOM artillery brigades, plus Reserve Component (RC), and Tenant units. The four BCT and OSUT Battalions include 18 training batteries, and are augmented by an additional four RC batteries during summer surge. The capability of a Modified Record Fire range to support both familiarization and qualification training will greatly enhance scheduling flexibility and training quality.

CURRENT SITUATION: Fort Sill currently has two aging record fire ranges built in the early 1980s and not updated since. The installation has one field fire range completed in 1993. The total soldier throughput for these three ranges during FY 2000 was 63,184. The large number of users from various commands creates frequent scheduling conflicts. Lower priority users are forced to alter their training schedules to secure required training time.

IMPACT IF NOT PROVIDED: If this project is not provided, BCT and OSUT trainees will not benefit from the latest marksmanship training technology such as Location of Miss and Hits. During peak training periods, lower priority units will not be able to complete their training.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and all physical security measures are included. No anti-terrorist/force protection (AT/FP) measures are required. Alternatives methods of meeting this requirement have been explored during development. This project is the only feasible option to meet the requirement. Sustainable principles will be integrated into the design, development, and construction of the project in accordance with Executive Order 13123 and other applicable laws and Executive Orders. JOINT USE CERTIFICATION: The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project was considered for joint use potential. The facility will be available for use by other components. A parametric cost estimate based upon project engineering design was used to develop this budget estimate.

1.COMPONENT							2.DATE	
		<b>FY</b> 2004	MILITA	RY CONSTRUCTION	N PROJE	CT DATA		
ARMY							06 FI	EB 2003
.INSTALLATIO	N AND LOCA	ATION						
	01.1.1							
Fort Sill, PROJECT TIT		ıa				5.PROJECT	MIIMDED	
F.PROUECT TITE	LE					J.PROUECI	NOMBER	
Modified Re	ecord Fi	re Range					55!	549
								-
L2. SUPPLE	EMENTAL	DATA:						
		l Design Da	ata:					
(1	•							0000
	(a) (b)			rted e As Of Januar				
	(b) (c)			ed				57.00 2002
	(d)			plete				
	(e)			Estimating Us				
	(f)	Type of I	Design	Contract: Des	ign-bio	d-build		
, ,								
(2	•		on Dof	initima Dagian	• VEC			
	(a) (b)			initive Design ently Used:	· YES			
	(10)	Fort Poli		ility obca-				
( 3	3) Tota			(a) + (b) OR			• •	000)
	(a)			lans and Speci				
	(b)			n Costs				
	(c) (d)			st				505 404
	(a) (e)	_						101
	(3)	111 110000						
( 4	l) Cons	truction (	Contrac	t Award			<u>NOV</u>	2003
( 5	(S) Cons	struction S	Start				<u>MAR</u>	2004
( 6	5) Cons	struction (	Complet	ion			<u>MAY</u>	2005
B. Ec	~		od	ı this project	whiah .	vill be n	morridad fa	. om
other app			a with	ciiis projecc	WIIICII V	viii be p	iovided ii	LOIII
	-1 3.0					Fisc	al Year	
Equipme	ent			Procuring		Appr	opriated	Cost
Nomencl	<u>lature</u>			<u>Appropriation</u>		<u>Or R</u>	equested	(\$000)
				277				
				NA				

Installation Engineer: Dennis Hergenrether

## DEPARTMENT OF THE ARMY

### FISCAL YEAR 2004

# MILITARY CONSTRUCTION (PART I) (DOLLARS ARE IN THOUSANDS)

STATE		INSTALLATION (COMMAND/REGION)			NEW/	
	PROJECT		AUTHORIZATION	APPROPRIATION	CURRENT	
	NUMBER	PROJECT TITLE	REQUEST	REQUEST	MISSION	PAGE
Texas		Fort Hood (FORSCOM/SWRO)				165
	23652	Barracks Complex - 67th St & Battalion Ave	47,000	47,000	C	167
		Subtotal Fort Hood PART I	\$ 47,000	47,000		
		* TOTAL MCA FOR Texas	\$ 47,000	47,000		

COMPONENT		FY 2004-2005 MILIT	ARI CONSIRUC	TION PRO	JGRAM .		2. DA	ATE:	
ARMY								FEB 20	003
INSTALLATION AND LO	CATION	4. COMMAND	)				5. A	REA CON	STRUCTION
							CC	OST IND	DEX
Fort Hood		US Army Forces	Command						
Texas		(Installation M	Janagement Ac	ty, Sout	hwest Re	egion	1)		0.85
6. PERSONNEL STRENG	TH: DERN	MANENT S	TUDENTS		SUPPOR	רויזידי			
O. TERCOTAVEE STREET		NLIST CIVIL OFFICE		TT. OFT			ידעדו. י	TOTAL	
A. AS OF 30 SEP 200			0 374	0		393		50,47	72
B. END FY 2008	4748		3 629	0		393		50,23	
		7. INVEN	TORY DATA (\$	000)					
A. TOTAL AREA		86,854 ha	(214,621	AC)					
B. INVENTORY TOT	AL AS OF 30	SEP 2002				4,4	26,762		
C. AUTHORIZATION	NOT YET IN	INVENTORY				4	192,753		
D. AUTHORIZATION	REQUESTED 1	IN THE FY 2004 PROG	RAM				47,000		
E. AUTHORIZATION	REQUESTED 1	IN THE FY 2005 PROG	RAM				2,776		
F. PLANNED IN NE	XT FOUR YEAR	RS (NEW MISSION ONL	Y)				80,000		
G. REMAINING DEF	ICIENCY					2	79,413		
H. GRAND TOTAL						5,3	328,704		
8. PROJECT APPROPRI CATEGORY PROJECT CODE NUMBER 721 23652		ESTED IN THE FY 200  PROJECT TITLE  Complex - 67th St &		ve	COST (\$000)		START	N STATU COMPI 2 06/2	ETE
CATEGORY PROJECT  CODE NUMBER		PROJECT TITLE			(\$000)	)	START	COMPI	ETE
CATEGORY PROJECT  CODE NUMBER		PROJECT TITLE	: Battalion A		(\$000) 47,0	)	START	COMPI	ETE
CATEGORY PROJECT CODE NUMBER 721 23652  9. FUTURE PROJECT A	Barracks (	PROJECT TITLE  Complex - 67th St &	: Battalion A		(\$000) 47,0 47,0	)	START	COMPI	ETE
CATEGORY PROJECT CODE NUMBER 721 23652  9. FUTURE PROJECT A CATEGORY	Barracks (	PROJECT TITLE  Complex - 67th St &	: Battalion A		(\$000) 47,0 47,0	) 000 000	START	COMPI	ETE
CATEGORY PROJECT  CODE NUMBER  721 23652  9. FUTURE PROJECT A  CATEGORY  CODE	Barracks (	PROJECT TITLE  Complex - 67th St &	: Battalion A		(\$000) 47,0 47,0	) 000 000	START	COMPI	ETE
CATEGORY PROJECT CODE NUMBER 721 23652  9. FUTURE PROJECT A CATEGORY CODE A. REQUESTED IN	Barracks ( PPROPRIATION	PROJECT TITLE Complex - 67th St &	: Battalion A		(\$000) 47,( 47,( COST (\$000)	) 000 000	START	COMPI	ETE
CATEGORY PROJECT  CODE NUMBER  721 23652  9. FUTURE PROJECT A  CATEGORY  CODE	Barracks ( PPROPRIATION	PROJECT TITLE  Complex - 67th St &	: Battalion A		(\$000) 47,0 47,0	) 000 000	START	COMPI	ETE
CATEGORY PROJECT CODE NUMBER 721 23652  9. FUTURE PROJECT A CATEGORY CODE A. REQUESTED IN	Barracks ( PPROPRIATION	PROJECT TITLE Complex - 67th St &	: Battalion A		(\$000) 47,0 47,0 COST (\$000)	) 000 000	START	COMPI	ETE
CATEGORY PROJECT CODE NUMBER 721 23652  9. FUTURE PROJECT A CATEGORY CODE A. REQUESTED IN 178	Barracks ( PPROPRIATION THE FY 2009 Urban Assa	PROJECT TITLE Complex - 67th St &	: Battalion A		(\$000) 47,0 47,0 COST (\$000)	) 000 000 )	START	COMPI	ETE
CATEGORY PROJECT CODE NUMBER 721 23652  9. FUTURE PROJECT A CATEGORY CODE A. REQUESTED IN 178	Barracks ( PPROPRIATION THE FY 2009 Urban Assa	PROJECT TITLE  Complex - 67th St &  NS:  PROJECT TITLE  5 PROGRAM:  ault Course	: Battalion A		(\$000) 47,0 47,0 COST (\$000)	) 0000 0000 0000 0000 0000 0000 0000	START	COMPI	ETE
CATEGORY PROJECT  CODE NUMBER 721 23652  9. FUTURE PROJECT A CATEGORY CODE A. REQUESTED IN 178  B. PLANNED NEXT	Barracks ( PPROPRIATION THE FY 2009 Urban Assa	PROJECT TITLE Complex - 67th St &  NS:  PROJECT TITLE 5 PROGRAM: ault Course	: Battalion A		(\$000) 47,( 47,( COST (\$000) 2,7	) 0000 0000 ) 7776 7776	START	COMPI	ETE
CATEGORY PROJECT  CODE NUMBER 721 23652  9. FUTURE PROJECT A CATEGORY CODE A. REQUESTED IN 178  B. PLANNED NEXT 178	Barracks (  PPROPRIATION  THE FY 2009  Urban Assa  FOUR PROGRA  Multipurpo  Aerial Gur	PROJECT TITLE Complex - 67th St &  NS:  PROJECT TITLE 5 PROGRAM: ault Course  AM YEARS (NEW MISSI ose Digital Rng C	: Battalion A		(\$000) 47,0 47,0 47,0 COST (\$000) 2,5	) 0000 0000 0000 0000 0000 0000	START	COMPI	ETE
CATEGORY PROJECT CODE NUMBER 721 23652  9. FUTURE PROJECT A CATEGORY CODE A. REQUESTED IN 178  B. PLANNED NEXT 178 179	Barracks (  PPROPRIATION  THE FY 2009  Urban Assa  FOUR PROGRA  Multipurpo  Aerial Gur  Multipurpo	PROJECT TITLE Complex - 67th St &  NS:  PROJECT TITLE 5 PROGRAM: ault Course  AM YEARS (NEW MISSI ose Digital Rng C onery Range	: Battalion A		(\$000) 47,0 47,0 47,0 COST (\$000) 2,5 2,5	) 0000 0000 000 000 000 000 000	START	COMPI	ETE
CATEGORY PROJECT CODE NUMBER 721 23652  9. FUTURE PROJECT A CATEGORY CODE A. REQUESTED IN 178  B. PLANNED NEXT 178 179 178	Barracks (  PPROPRIATION  THE FY 2009  Urban Assa  FOUR PROGRA  Multipurpo  Aerial Gur  Multipurpo	PROJECT TITLE Complex - 67th St &  NS:  PROJECT TITLE 5 PROGRAM: ault Course  AM YEARS (NEW MISSI ose Digital Rng C onery Range ose Digital Range	: Battalion A		(\$000) 47,0 47,0 COST (\$000) 2,5 2,5 32,0 19,5	) 0000 0000 0000 0000 0000 0000 0000	START	COMPI	ETE

1. COMPONENT	FY 2004-2005 MILITARY CONSTRUCTION PROGRAM	2. DATE
ARMY		06 FEB 2003
INSTALLATION	N AND LOCATION: Fort Hood Texas	
10. MISSION OR MAJO	OR FUNCTIONS:	
	aining of III Corps Headquarters and organizations assigned to l	
	re the most efficient utilization of resources to operate Fort F Ensure Fort Hood is prepared for mobilization.	1000 and accomplish all
abbiglica mibbiolib.	made fore floor to prepared for modification.	
11 OUTSTANDING POL	LUTION AND SAFETY DEFICIENCIES:	
II. OOIDIIIWDIIW FOL	(\$00)	00)
A. AIR POLLUTIO		0
B. WATER POLLUT		0
C. OCCUPATIONAL	L SAFETY AND HEALITH	0
REMARKS :		
	cost to remedy the deficiencies in all existing permanent and se	
at this installation of October 2002.	on is \$551,619,000, based on the Installation Status Report Info	ormation on conditions as
of October 2002.		

• · · · · · · · · · · · · · · · · · · ·								1			
1.COMPONENT		^^4 <b>W</b> TT 1		GON	-am			2.DATE			
A DMY	FY Z	004 <b>MILI</b>	.TAr	SA COM	ST	RUCTION PROJ	ECT DATA				
ARMY 3.INSTALLATION AND	TOCAT	T ON				4.PROJECT TITL	T.	Ub	06 FEB 2003		
	LUCAI	ION									
Fort Hood		Barracks Complex - 6					57th St	7th St &			
Texas				Battalion Ave 7.PROJECT NUMBER 8.PROJECT 0					201		
5.PROGRAM ELEMENT		6.CATEGORY CODE		7.11	ROJ	ECT NUMBER		COST (\$00	,		
00000		E01				00650	Auth Approp	· ·	000		
22696A		721		COOM	- am	23652	TIPPI OF	47,	000		
				COST	EST	IMATES					
	ITEM		UM	(M/E)		QUANTITY			25 225		
PRIMARY FACILIT	<u>'Y</u>							1 070	35,335		
Barracks				(SF)		16,320 (					
Company Operati				(SF)		3,002 (					
Dining Facility				(SF)		2,560 (					
Central Energy				(SF)		740 (	7,965)	2,920			
Special Foundat			LS						(1,610)		
Total from Co									(1,520)		
SUPPORTING FACI		ES		_				_	7,410		
Electric Servic			LS						(2,085)		
Water, Sewer, G			LS						(371)		
Steam And/Or Ch									(684)		
Paving, Walks,	Curb		LS						(1,231)		
Storm Drainage			LS						(234)		
Site Imp( 1,404	1) De	mo( 924)	LS						(2,328)		
Information Sys	stems		LS						(99)		
Antiterrorism/F	force	Protection	LS						(378)		
ESTIMATED CONTR	RACT	COST		_				_	42,745		
CONTINGENCY PER	RCENT	(5.00%)							2,137		
SUBTOTAL									44,882		
SUPV, INSP & OV	/ERHE	AD (5.70%)							2,558		
TOTAL REQUEST									47,440		
TOTAL REQUEST (	(ROUN	DED)							47,000		
INSTALLED EQT-C	OTHER	APPROP							( )		

10.Description of Proposed Construction Construct a barracks complex including barracks, 501-800 person consolidated dining facility with outdoor seating, and five small company operation facilities. Install intrusion detection systems (IDS). 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 gas-fired self-contained systems. Air conditioning (1,000 tons) will be provided by an expansion to a central air conditioning plant. Demolish three building (124,842 SF) including removal of asbestos and lead-based paint. Anti-terrorism/force protection will be provided by structural reinforcement, special windows and doors, and site measures.

11. REQ: 13,542 PN ADQT: 11,978 PN SUBSTD: 1,564 PN PROJECT: Construct a barracks complex. (Current Mission)

REQUIREMENT: This project is required to provide living and working conditions for soldiers that meet current standards. Maximum and intended utilization is 480 soldiers.

1.COMPONENT					2.DATE	
FY 2004 MII	JITAR	RY CONSTRUCTION	N PROJE	CT DATA		
ARMY					06	FEB 2003
3.INSTALLATION AND LOCATION						
Fort Hood, Texas						
4.PROJECT TITLE				5.PROJECT N	IUMBER	
Barracks Complex - 67th St & Ba	attal	lion Ave				23652
9. COST ESTIMATES (CONTINUED)	<u>)</u>					
					Unit	Cost
Item	UM	(M/E) QUA	ANTITY		COST	(\$000)
PRIMARY FACILITY (CONTINUED)						
IDS Installation	LS					(30)
Antiterrorism Force Protection	LS					(665)
Antiterrorism Force Protection Building Information Systems	LS LS					(665) <u>(825</u> )

<u>CURRENT SITUATION:</u> The existing gang latrine barracks are substandard and have deteriorated utility systems. The existing operational facilities are too small and located in the barracks.

IMPACT IF NOT PROVIDED: If this project is not provided, soldiers will continue to live and work in substandard and deteriorated facilities, which will adversely impact morale, retention, and readiness.

This project has been coordinated with the installation physical security plan and all physical security measures are included. Also, all required anti-terrorism/force protection measures are included. An economic analysis has been prepared and utilized in evaluating this project. This project is the most cost-effective method to satisfy the requirement. JOINT USE CERTIFICATION: The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. Mission requirements, operational considerations, and location are incompatible with use by other components. Sustainable principles will be integrated into the development, design, and construction of the project in accordance with Executive Order 13123 and other applicable laws and Executive Orders. During the past two years \$46.7 million has been spent on sustainment, restoration, and modernization (SRM) (formerly known as Real Property Maintenance) for unaccompanied personnel housing at Fort Hood. Upon completion of this project, the remaining unaccompanied enlisted permanent party personnel deficit will be 1,084 soldiers at maximum occupancy at this installation. A parametric cost estimate based upon project engineering design was used to develop this budget estimate.

#### 12. SUPPLEMENTAL DATA:

- A. Estimated Design Data:
  - (1) Status:

(a)	Date Design Started	JAN 2002
(b)	Percent Complete As Of January 2003	35.00
(C)	Date 35% Designed	JAN 2003
(d)	Date Design Complete	JUN 2003
(e)	Parametric Cost Estimating Used to Develop Costs	YES
<i>(</i> C <i>)</i>		

- (f) Type of Design Contract: Design-bid-build
- (g) An energy study and life cycle cost analysis will be

1.COMPONENT							2.DATE	
3 D.M.		]	FY 2004 MIL:	ITARY CONSTRUCT	ION PROJE	CT DATA	06 77	.D. 0000
ARMY 3.INSTALLATI	TON ANI	) I.OCA	ATION				U6 FE	B 2003
	-01, 111,	2 2001	11101					
Fort Hood	, Tex	as						
4.PROJECT T	ITLE					5.PROJECT N	UMBER	
Barracks	Compl	ex -	67th St & Ba	ttalion Ave			236	52
12. SUPP	T.FMFN	ͲΔΤ.	DATA: (Contin	ued)				
			Design Data:					
		acca		uring the final	l design.			
				3	5			
	(2)	Basi						
		(a)		Definitive Desi	ign: YES			
		(b)		ecently Used:				
			Fort Hood					
	(3)	Tota	l Design Cost	(c) = (a) + (b)	OR (d)+(e	<u>.</u> ):	(\$0	000)
	( - )	(a)		f Plans and Spe			` '	,
		(b)	All Other De	sign Costs	. <b></b> .	. <b></b> .	· · · ·	<u>750</u>
		(C)		Cost				
		(d)						
		(e)	In-house				···· <u>1</u>	<u>,920</u>
	(4)	Cons	truction Cont	ract Award			<u>JAN</u>	2004
	(5)	Cons	truction Star	t			<u>FEB</u>	2004
	(6)	Cons	truction Comp	letion			<u>MAR</u>	2006
в. :	Equip	ment	associated w	ith this projec	ct which v	vill be pr	covided fr	om
other a	pprop	riat	ions:					
							al Year	_
Equip				Procuring			opriated	
Nomen	<u>cratu</u>	<u>re</u>		<u>Appropriatio</u>	<u>)11</u>	Or Re	<u>equested</u>	<u>(\$000)</u>
				NA				

Installation Engineer: COL Michael W. Pratt Phone Number: 254-287-5707

## DEPARTMENT OF THE ARMY

### FISCAL YEAR 2004

# MILITARY CONSTRUCTION (PART I) (DOLLARS ARE IN THOUSANDS)

STATE		INSTALLATION (COMMAND/REGION)				NEW/	
	PROJECT		AUTHO	RIZATION	APPROPRIATION	CURRENT	
	NUMBER	PROJECT TITLE		REQUEST	REQUEST	MISSION	PAGE
Virgini	.a	Fort Myer (MDW/NERO)					173
	52295	Vehicle Maintenance Facility		9,000	9,000	C	175
		Subtotal Fort Myer PART I	\$	9,000	9,000		
		* TOTAL MCA FOR Virginia	\$	9,000	9,000		

1. COMPONENT	FY	2004-2005 M	ILITARY (	CONSTRUCT	ION PRO	GRAM		2. DA	ATE .
ARMY								06	FEB 2003
3. INSTALLATION AND LC	CATION	4. COM	MAND.					5. AR	REA CONSTRUCTION
									OST INDEX
Fort Myer		US Army Mil	itary Die	strict of	Wachin	aton			,01 110211
Virginia		(Installati					Pogior	, )	1.00
VIIgiilla		(IIIStallati	OII Mariage	enent act	y, NOLU	Heast	Region	1)	1.00
6 555601355 655570			~~~			~~~			
6. PERSONNEL STRENG			STUDE				PORTED		
	OFFICER ENLI								OTAL
A. AS OF 30 SEP 200			0	0	0		1275	811	4,514
B. END FY 2008	96 16	68 466	0	0	0	97	1275	811	4,413
		7. I	NVENTORY	DATA (\$0	00)				
A. TOTAL AREA		106 ha	L	(261	AC)				
B. INVENTORY TOT	AL AS OF 30 S	EP 2002					4	110,115	
C. AUTHORIZATION	NOT YET IN IN	VENTORY						17,300	
D. AUTHORIZATION	REQUESTED IN	THE FY 2004	PROGRAM.					9,000	
E. AUTHORIZATION								47,500	
F. PLANNED IN NE	XT FOUR YEARS	(NEW MISSION	ONLY)					0	
G. REMAINING DEF								19,193	
H. GRAND TOTAL								503,108	
ii. divid idirii								7037100	
8. PROJECT APPROPRI	ATTONIC DECLIECT	עם שטיי ואד רום	2004 000	отрим∙					
CATEGORY PROJECT		ED IN IHE FI	2004 PR	JORAW.		CO	ST	DEGLON	I STATUS
		0.TD0TD TTTT T							
CODE NUMBER		OJECT TITLE					00)		COMPLETE
214 52295	Vehicle Main	tenance Facı	lity				9,000	01/2002	2 08/2003
				TOTAL		!	9,000		
9. FUTURE PROJECT A	PPROPRIATIONS:								
CATEGORY						CO	ST		
CODE	PR	OJECT TITLE				(\$0	00)		
A. REQUESTED IN	THE FY 2005 P	ROGRAM:							
721	Barracks Com	plex-Sherida	n Ave			4'	7,500		
				TOTAL		4'	7,500		
B. PLANNED NEXT	FOUR PROGRAM	YEARS (NEW M	ISSION O	NLY): NC	NE				
		\212011 11		,,	_				
C. DEFERRED SUS	ŢŊŢŊĬŊŖŊĬŢ ŢŊŢŊĬŊŖŊĬŢ	רוואג זאררדית⊊ר	י דואקיקורוא ו	י זארדרות / כ	PM):	11	3,325		
C. DEFERRED SUS	TOTALITATI LEGI	CICATION, AND	, TANDERINT,	πυιτΩΝ (Ω		11.	J, J <u>G</u> J		

### 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

COMPONENT	FY 2004-2005 MILITARY CO	ONSTRUCTION PROGRAM	2. DATE
ARMY			06 FEB 2003
	AND LOCATION: Fort Myer	Virginia	
INSTALLATION	1 AND LOCATION: Fort Myer	Virginia	
10. MISSION OR MAJO	OR FUNCTIONS: (CONTINUED)		
	at the National Capital Region. The 3	3rd Inf Regt supports cont	ingency missions
diroughout the Nath	ional Capital Region.		
ll. OUTSTANDING POI	LLUTION AND SAFETY DEFICIENCIES:	(\$	000)
A. AIR POLLUTIO			0
B. WATER POLLUT	CION L SAFETY AND HEALTH		0
c. occornitoral			Ü
REMARKS :			
The estimated o	cost to remedy the deficiencies in al	ll existing permanent and	semi-permanent facilitie
	on is \$113,325,000, based on the Inst	tallation Status Report In	formation on conditions
of October 2002.			

1.COMPONENT							2.DATE		
1.COMPONENT	<b>FV</b> 2	004 <b>MIL</b> I	таг	יע כטו	STRUCTION PROJ	ברת המתם			
ARMY	<b>-</b>	004 MILL			DIRUCTION TROOP	LCI DAIA		FEB 2003	
3.INSTALLATION AN	D LOCAT	ION		4.PROJECT TITLE					
Fort Myer									
Virginia					Vehicle Mai:	ntenance	Facilit	37	
5.PROGRAM ELEMENT		6.CATEGORY CODE		7 DI	ROJECT NUMBER		COST (\$00	_	
5.11tooldar EEBNEWI		o.childoni cobi		1,	tooler worlder	Auth		000	
22896A		214			52295	Approp	- *	000	
22070A		211	9	COST	ESTIMATES		٦,	000	
PRIMARY FACIL	ITEM		UM	(M/E)	QUANTITY			5,178	
Vehicle Maint		lity	m 2	(SF)	2,352 (	25,322)	1,532	•	
Hazardous Mate		_		(SF)	46.45 (	500)			
Oil Storage Bu		_		(SF)	65.03 (	700)			
Temporay Facil		3		(SF)	2,352 (	25,322)			
Antiterrorism	_	Protection	LS	(51)		23,322,		(55)	
Building Infor			LS					(54)	
SUPPORTING FAC		_						2,897	
Electric Servi		<del></del>	LS					(214)	
Water, Sewer,	Gas		LS					(45)	
Steam And/Or (		d Water Dist	LS					(15)	
Paving, Walks	Curb	s & Gutters	LS					(279)	
Storm Drainage	<u> </u>		LS					(346)	
Site Imp( 1,02	27) Dei	mo( 895)	LS					(1,922)	
Information Sy	stems		LS					(27)	
Antiterrorism,	/Force	Protection	LS					(49)	
ESTIMATED CONT	TRACT	COST						8,075	
CONTINGENCY PR	ERCENT	(5.00%)						<u>404</u>	
SUBTOTAL								8,479	
SUPV, INSP & OVERHEAD (5.70%)								483	
TOTAL REQUEST								8,962	
TOTAL REQUEST (ROUNDED)								9,000	
INSTALLED EQT-	-OTHER	APPROP						( )	

Construct a two-story tactical equipment 10.Description of Proposed Construction maintenance facility with drive through, structural vehicle maintenance bays on the lower level and Presidential Salute Battery maintenance with secure dry storage for historic grade cannons. Project includes a six repair bay floor plan adapted to The Old Guard ceremonial and contingency missions. Bay areas provide for typical vehicle maintenance, ceremony standard painting of cannons and vehicles, Presidential Salute Battery Maintenance, and storage. Also included are administration areas, training area, operational space, and toilets, showers, and changing areas. Supporting facilities include utilities; electric service; security lighting; fire protection and alarm systems; paving, walks, curbs and gutters; parking; storm sewer and storm water management systems; apron at building; signage; security fencing and gates; information systems; and site improvements. Heating will be provided by connection to central heating plant. Air conditioning: 40 tons. Access for the handicapped will be provided. Demolish three buildings (38,854 SF) with asbestos and lead paint removal and disposal. Supporting facilities cost is high due to structurally massive building demolition, extensive site demolition including substantial retaining walls, and site improvements on steeply graded terrain. Fort Myer is less than 260 acres with major historical

1.COMPONENT	FV	2004	MTT.TTARV	CONSTRUCTION	DRO.TEC	מיד מחידי	Z.DATE
ARMY		2004	HILLIAKI	CONDINGCTION	TROOM	I DAIA	06 FEB 2003
3.INSTALLATION AN	D LOCATIO	N					
Fort Myer, Vir	ginia						
4.PROJECT TITLE					5	.PROJECT 1	NUMBER
Vehicle Mainte	enance F	acili	tv				52295

### DESCRIPTION OF PROPOSED CONSTRUCTION: (CONTINUED)

considerations, there are no feasible site alternatives to the selected location. Anti-terrorism/force protection (AT/FP) measures include laminated glass and traffic control barriers. The unit cost for the facility is high due to the historic architectural treatment that must be made on the building due to the proximity of the Fort Myer Historic District. Temporary vehicle maintenance and shop office space will be provided.

11. REQ: 2,352 m2 ADQT: NONE SUBSTD: 2,714 m2
PROJECT: Construct a non-standard tactical equipment maintenance facility.
(Current Mission)

<u>REQUIREMENT:</u> This project is urgently required to provide adequate facilities for organizational level maintenance and storage of approximately 101 tactical vehicles and trailers, 40 General Services Administration (GSA) vehicles and ten ceremonial cannons assigned to The Old Guard (TOG) 3rd US Infantry Regiment and eliminate life, health, and safety hazards. This project is required to eliminate life, health, and safety hazards.

Currently, organizational maintenance operations are CURRENT SITUATION: carried out in a structurally unsafe, two story, eight bays, masonry building constructed in 1909. The structure is concrete frame with brick in-fill. The second floor is used to store the ten ceremonial cannons. Four ramps to the upper level are arranged so that vehicle access is difficult and only one ramp provides access for the ceremonial cannons. Safety inspections have cited this facility with Life Safety Codes violations. In June 2000 the Installation Safety Office performed a safety survey. This survey found that the existing facility posed a Category 1 (catastrophic, death, or permanent disability) hazard severity due to falling concrete causing serious injury or possible fatality to an occupant. This facility presents a major safety hazard to all occupants. Several facility factors negatively impact productivity and safety. These include inadequate lighting levels; poor heating and ventilation; high noise levels in the shop areas; inoperable and unserviceable vehicle exhaust systems; and faulty electrical distribution systems. Electrical receptacles, boxes, lighting grounds and fire exits do not meet life safety code and standards. The flooring of this facility is rapidly deteriorating and can no longer adequately support the weight of the assigned tactical vehicles and ceremonial cannons. Exposed structural reinforcing is rusting, to the point that in some areas it has become non-existent. Portions of the first floor ceiling have collapsed. Other concrete sections are failing and pose a safety threat to soldiers working in maintenance bays. Spalling of the masonry columns and walls is common place, which is further undermining the structural integrity of the facility. As a safety measure, portions of the maintenance bays are cordoned off to prevent accidents from falling debris. The Directorate of Public Works (DPW) issued a structural report limiting the vehicle weight to 20,000 pounds on the second floor. In addition, personnel working in maintenance bays are issued hard hats to prevent injury from

1.COMPONENT	FY	2004	MTT.TTARY	CONSTRUCTION	PROJEC	г рата	2.DATE		
ARMY		2001		301121113311311	1110020		06	FEB	2003
3.INSTALLATION AN	D LOCATIO	N							
Fort Myer, Vir	rginia								
4.PROJECT TITLE					5	.PROJECT	NUMBER		
Vehicle Mainte	enance F	acili	ty					52295	

### CURRENT SITUATION: (CONTINUED)

falling debris. The poor physical condition of the existing facility and inability to repair will soon render the entire structure unsuitable for use as a maintenance facility.

IMPACT IF NOT PROVIDED: If this project is not provided, continuing use of the existing facility will jeopardize the health and safety of personnel working in the facility. Assigned vehicles and equipment will continue to be subjected to physical damages from falling debris or collapse of the flooring. Fort Myer has no other facility space to support this maintenance mission. The structural failure of this building will stop Fort Myer's tactical unit maintenance mission. Marginal and unsafe working conditions for the occupants negatively impact the unit's morale and degrade mission accomplishment. The installation will spend critical maintenance dollars to mitigate safety and structural hazards on a building that probably will fail in the next few years.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and all physical security measures are included. Also, all required anti-terrorism/force protection measures are included. An economic analysis has been prepared and utilized in evaluating this project. This project is the most cost-effective method to satisfy the requirement. Sustainable principles will be integrated into the design, development, and construction of the project in accordance with Executive Order 13123 and other applicable laws and Executive Orders. JOINT USE CERTIFICATION: The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. Mission requirements, operational considerations, and location are incompatible with use by other components. A parametric cost estimate based upon project engineering design was used to develop this budget estimate.

#### 12. SUPPLEMENTAL DATA:

- A. Estimated Design Data:
  - (1) Status:

(a)	Date Design	Started.			<u>JAN 2002</u>
(b)	Percent Comp	plete As	Of January	2003	40.00

- (d) Date Design Complete..... <u>AUG 2003</u>
- (e) Parametric Cost Estimating Used to Develop Costs YES
- (f) Type of Design Contract: Design-bid-build
- (g) An energy study and life cycle cost analysis will be documented during the final design.
- (2) Basis:
  - (a) Standard or Definitive Design: NO
- (3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)

1.COMPONENT				2.DATE						
T. COM ONENT	FY 2004 MILITA	ARY CONSTRUCTION PROJE	יכיד האידא	2.5						
3.73.44	FI 2004 MILLIF	RI CONSTRUCTION PROUE	CI DAIA	06 77	. D. O.O.O.					
ARMY				06 F'E	B 2003					
3.INSTALLATION AN	ID LOCATION									
Fort Myer, Vi	rginia									
4.PROJECT TITLE			5.PROJECT N	IUMBER						
Vehicle Mainte	Vehicle Maintenance Facility 52295									
veniere maine				322	173					
12. SUPPLEME	NTAL DATA: (Continued	<b>3</b> )								
	A. Estimated Design Data: (Continued)									
	(a) Production of Plans and Specifications 500									
		an Costs			200					
	` '									
		ost								
	, ,									
	(e) In-house			• • •	100					
(4)	Construction Contrac	ct Award		<u>JAN</u>	2004					
(5)	Construction Start.			<u>MAR</u>	2004					
(6)	Construction Complet	zion		<u>JUN</u>	<u>2005</u>					
B. Equipother approp		n this project which w	_	rovided fr	om					
					<b>~</b> .					
Equipment		Procuring		priated	Cost					
Nomenclati	<u>ire</u>	<u>Appropriation</u>	<u>Or Re</u>	equested	<u>(\$000)</u>					
	NA									

Installation Engineer: Michael T. Ostrom, LTC, EN DPWL Phone Number: 703-696-6400

PREVIOUS EDITIONS MAY BE USED INTERNALLY
UNTIL EXHAUSTED

### DEPARTMENT OF THE ARMY FISCAL YEAR 2004

### MILITARY CONSTRUCTION (PART I)

(DOLLARS ARE IN THOUSANDS)

STATE		INSTALLATION (COMMAND/REGION)				NEW/	
	PROJECT		AUT	HORIZATION	APPROPRIATION	CURRENT	
	NUMBER	PROJECT TITLE		REQUEST	REQUEST	MISSION	PAGE
Washing	gton	Fort Lewis (FORSCOM/NWRO)					181
	44794	Barracks Complex - 17th & B St Ph 3		0	48,000	C	183
	54765	Deployment Staging Facility		2,650	2,650	N	186
	57653	Shoot House		1,250	1,250	C	189
		Subtotal Fort Lewis PART I	\$	3,900	51,900		
		* TOTAL MCA FOR Washington	\$	3,900	51,900		
** T0	OTAL INSIDE	THE UNITED STATES FOR MCA	\$	814,600	900,600		

	IPONENT	FY	? 2004-2005 MILITARY	CONSTRUCTION PR	ROGRAM	2. DATE
ARM	ΊΥ					06 FEB 2003
INS	TALLATION AND LO	CATION	4. COMMAND			5. AREA CONSTRUCTION
						COST INDEX
For	t Lewis		US Army Forces Com	mand		
Was	shington		(Installation Mana	agement Acty, No	rthwest Region	1.06
6.	PERSONNEL STRENG	TH: PERMAN	JENT STUL	DENTS	SUPPORTED	
		OFFICER ENLI	ST CIVIL OFFICER E	ENLIST CIVIL OF	FICER ENLIST C	IVIL TOTAL
A.	AS OF 30 SEP 200	2 3189 182	299 2936 16	242 0	122 287	4803 29,894
В.	END FY 2008	3119 183	394 2992 16	257 2	122 287	4803 29,992
			7. INVENTOR	RY DATA (\$000)		
	A. TOTAL AREA		34,797 ha	(85,985 AC)		
	B. INVENTORY TOT	AL AS OF 30 S	SEP 2002		. 4,7	22,405
	C. AUTHORIZATION	NOT YET IN IN	VENTORY		. 3	63,337
	D. AUTHORIZATION	REQUESTED IN	THE FY 2004 PROGRAM	4	•	3,900
	E. AUTHORIZATION	REQUESTED IN	THE FY 2005 PROGRAM	1		48,500
	F. PLANNED IN NE	XT FOUR YEARS	(NEW MISSION ONLY).		•	49,700
	G. REMAINING DEF	ICIENCY			. 1	83,220
	H. GRAND TOTAL				. 5,3	71,062
8.	PROJECT APPROPRI	ATIONS REQUEST	ED IN THE FY 2004 F	PROGRAM:		
	CATEGORY PROJECT				COST	DESIGN STATUS
	CODE NUMBER	PF	ROJECT TITLE		(\$000)	START COMPLETE
	721 44794	Barracks Con	mplex - 17th & B St	Ph 3	48,000	02/2002 05/2004
	141 54765	Deployment S	Staging Facility		2,650	05/2002 01/2003
	179 57653	Shoot House			1,250	04/2002 05/2003
				TOTAL	51,900	
9.	FUTURE PROJECT A	PPROPRIATIONS:				
	CATEGORY				COST	
	CODE		ROJECT TITLE		(\$000)	
	A. REQUESTED IN					
	721	Barracks Con	mplex-41st Div Dr/B	St Ph 2	48,500	
				TOTAL	48,500	
	B. PLANNED NEXT	FOUR PROGRAM	YEARS (NEW MISSION	ONLY):		
	178	Dig MulPurp	Rng Cpx-Yakima		37,500	
	178	Multipurpose	e Training Rang		9,800	
	178	Digital MPTF	R Upgrade		2,400	
				TOTAL	49,700	
	C. DEFERRED SUS	TAINMENT, RESI	ORATION, AND MODERN	VIZATION (SRM):	248,134	

1.	ARMY	FY 2004-2005 MILITAI	RY CONSTRUCTION PROGRAM	06 FEB 2003
	INSTALLATION	AND LOCATION: Fort Lewis	Washington	
	motorized brigade.	ining of I Corps Headquarters a Support Madigan Army Medical Cer ization of resources to operate n operations to meet wartime rea	nd organizations assigned to I Co nter and Reserve Component annua: Fort Lewis and accomplish all as quirements. Conduct operations in	training. Ensure the ssigned missions.
	11. OUTSTANDING POL	LUTION AND SAFETY DEFICIENCIES:		
	A. AIR POLLUTIO	NT.	(\$000	0
	B. WATER POLLUT			0
	C. OCCUPATIONAL	SAFETY AND HEALTH		0
	at this installation of October 2002.	n is \$248,134,000, based on the	Installation Status Report Infor	mation on conditions as

1.COMPONENT						2.DATE				
	7 2004 <b>MILI</b>	.TAR	I CON	NSTRUCTION PROJ	ECT DATA					
ARMY 3.INSTALLATION AND LOG				4.PROJECT TITLE		Ub	FEB 2003			
	CATION			4.PROUECT TITE	i		I			
Fort Lewis				Darma aka Co:	1 0	17±h c E	າ ດະ ກໄ ວ			
Washington 5.PROGRAM ELEMENT	6.CATEGORY CODE			Barracks Cor		1/tn & B COST (\$00				
5.PROGRAM ELEMENT	6.CATEGORY CODE		/ . ٢1	KOUECT NOMBER	8.PROJECT Auth	COST (\$00	10)			
22696A	721			44794	Approp	4.8	000			
22090A	/ 4 1	9.	COST	ESTIMATES		ŦU,	48,000			
ITEN	7.6		(M/E)	QUANTITY						
PRIMARY FACILITY	4	UIVI	(M/E)	QUAINITII		$\vdash$	33,919			
Barracks	•	m2 (	(SF)	9,819 (	105,691)	1,668				
Soldier Community		m2 (			4,101)					
Company Operation			(SF)	5,580 (						
Battalion Headqua				3,048 (	32 808)	1,709				
Lawn Mower Storag		m2 (		45 (						
Total from Cont		lii∠ (	(Dr)	15 (	404.30/	301.31	(2,736)			
SUPPORTING FACILI		—		<del>                                     </del>		$\vdash$	8,161			
Electric Service		LS	l		ļ	1 !	(795)			
Water, Sewer, Gas			l		ļ		(795)			
		LS	l		ļ					
Paving, Walks, Cu		LS	l		ļ		(1,758)			
Storm Drainage		LS	l		ļ		(792)			
Site Imp(3,002)		LS	l		ļ		(3,002)			
Information Syste		LS	ļ		ļ		(1,011)			
Antiterrorism/For	ce Protection	LS	l		ļ		(96)			
	•		ļ		ļ	1	1			
		—		<u> </u>		<del></del>	42.000			
ESTIMATED CONTRAC			ļ		ļ	1	42,080			
CONTINGENCY PERCE	NT (5.00%)		ļ		ļ	1	2,104			
SUBTOTAL	(5 500)		ļ		ļ	1	44,184			
SUPV, INSP & OVER			ļ		ļ	1	2,518			
DESIGN/BUILD - DE	SIGN COST		l		ļ	1	1,788			
TOTAL REQUEST			l		ļ	1	48,490			
TOTAL REQUEST (RO			l		ļ	1	48,000			
INSTALLED EQT-OTH	ER APPROP		ļ		ļ	1	(1,941)			
		<u> </u>		<u> </u>			1			
10.Description of Proposed C				x was authorized						
million. Appropri										
\$50 million in FY										
community buildin			_							
large two-story b										
detection systems										
service; security										
paving, walks, cu	rbs and gutters	;; st	corm	and sanitary se	ewers; i	nformati	.on			
systems; and site	: improvements.	Acce	ess f	for the handica	pped wil	l be pro	vided.			
Heating will be p	rovided by self	-cor	ntair	ned gas-fired sy	ystems w	ith dual	. fuel			
capability. Anti-	·terrorism/force	e pro	stect	ion (AT/FP) wi	ll be pr	ovided b	у			
structural reinfo	prcement, specia	ıl w.	indov	vs and doors, a	nd site	measures	<b>.</b>			
Comprehensive bui	lding and furni	shir	ngs r	related interio	r design	service	s are			
required. Support										
paving, and site							-			
-										
11. REQ:	6,032 PN ADQT	<u></u> :		3,761 PN ST	UBSTD:		2,271 PN			

PROJECT: Construct a barracks complex. (Current Mission)

1.COMPONENT	•		,	2.DA7	ſΈ					
	<b>FY</b> 2004 <b>MI</b>	LITARY CONST	RUCTION PROJEC	CT DATA						
ARMY					06 FEB 2003					
3.INSTALLATION AND LOCATION										
Fort Lewis, Washington										
4.PROJECT TITLE			į	5.PROJECT NUMBER						
Barracks Compl	ex - 17th & B St	: Ph 3			44794					
9. COST ESTI	MATES (CONTINUED	<u>))</u>								
				Unit	Cost					
Item		UM (M/E)	QUANTITY	COST	(\$000)					
PRIMARY FACILI	TY (CONTINUED)									
IDS Installati	on	LS			(46)					
Antiterrorism	Force Protection	n LS			(300)					
Building Infor	mation Systems	LS			(2,390)					
				Tota	1 2,736					

<u>REQUIREMENT:</u> This project is required to provide living and working conditions for soldiers that meet current standards. Maximum and intended utilization is 300 soldiers.

<u>CURRENT SITUATION:</u> The existing gang latrine barracks are substandard and have deteriorated utility systems. The existing company operational facilities are too small and located in the barracks. Also, the existing battalion headquarters buildings are too small, have inefficient layouts, and are not located near the new barracks complex.

IMPACT IF NOT PROVIDED: If this project is not provided, soldiers will continue to live and work in substandard and deteriorated facilities, which will adversely impact morale, retention, and readiness.

This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required anti-terrorism/force protection measures are included. An economic analysis has been prepared and utilized in evaluating this project. This project is the most cost-effective method to satisfy the requirement. Sustainable principles will be integrated into the design, development, and construction of the project in accordance with Executive Order 13123 and other applicable laws and Executive Orders. JOINT USE CERTIFICATION: The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. Mission requirements, operational considerations, and location are incompatible with use by other components. During the past two years, \$10.4M was spent on sustainment, restoration and modernization (SRM) (formerly known as Real Property Maintenance) on unaccompanied enlisted personnel housing at Fort Lewis. Upon completion of this project, the remaining unaccompanied enlisted permanent party personnel deficit will be 1,971 soldiers at maximum occupancy at this installation. A parametric cost estimate based upon project engineering design was used to develop this budget estimate.

.COMPONENT					2.DATE				
	FY 2	2004 <b>MI</b>	LITARY CONSTRUCTION P	ROJECT DATA					
ARMY					06 F	EB 2003			
INSTALLATION A	ND LOCATION								
ort Lewis, W	ashingtor	1							
PROJECT TITLE				5.PROJECT	NUMBER				
al- a	1 1 7 +	-b c D 0+	Db 2		4.4	794			
arracks Comp	1ex - 1/(	II & B St	PII 3		44	794			
2. SUPPLEME	NTAL DATA	<i>\</i> :							
	mated Des		:						
(1)	Status:	2							
	(a) Dat	e Design	Started		<u>FEB</u>	2002			
	(b) Per	cent Com	plete As Of January 2	003		15.00			
			signed						
	(d) Dat	te Design	Complete		<u>MAY</u>	2004			
	(e) Par	rametric	Cost Estimating Used	to Develop C	Costs	YES			
			ign Contract: Design						
	(g) An	energy s	tudy and life cycle c	ost analysis	will be				
	doc	cumented	during the final desig	gn.					
(0)	<b>.</b>								
(2)	Basis: (a) Sta	and and an	Dofinitivo Dogian:	NO.					
	(a) Sta	andard or	Definitive Design: 1	NO					
(3)	Total De	esian Cos	t(c) = (a)+(b) OR (d)	)+(e):	(\$	000)			
( - /			of Plans and Specific						
			esign Costs						
			n Cost						
		_							
	(e) In-	house				1,250			
(4)	Construc	ction Con	tract Award		<u>JAN</u>	2004			
(5)	Construc	ction Sta	rt		<u>MAY</u>	2004			
(6)	Construc	ction Com	pletion		<u>MAY</u>	2006			
			with this project whi	ch will be p	rovided f	rom			
other appro	priations	3:							
					al Year	Cost			
Equipment				Procuring Appropriated					
Nomenclat	<u>ure</u>		<u>Appropriation</u>	<u>Or R</u>	Requested	<u>(\$000</u>			
TDC Fautama	n+		ODA	200	15	12			
IDS Equipme Info Sys -			OPA OPA	200					
Info Sys -			OPA	1,078 743					
THIO DYS -	FIOF		UFA	200		/43			
				тС	TAL	1,941			
				10		-, - 1			

Installation Engineer: Joe Carroll

1.COMPONENT								2.DATE	
FY	2004 <b>MIL</b> I	TAR	Y CON	STF	RUCTION	PROJI	ECT DATA		
ARMY	06	FEB 2003							
3.INSTALLATION AND LOCA	ATION				4.PROJECT	TITLE	1		
Fort Lewis									
Washington					Deploym	ent S	Staging E	Facility	
5.PROGRAM ELEMENT	6.CATEGORY CODE		7.PR	OJE	CT NUMBER		8.PROJECT	COST (\$00	0)
							Auth	2,	650
46029A	141				54765		Approp	2,	650
		9	.COST E	STI	MATES				
ITEM	-	UM	(M/E)		QUAI	YTITV			-
PRIMARY FACILITY									1,492
THA Building Addit			(SF)		348.39		3,750)	1,870	
THA Covered Baggag	е		(SF)		81.75		880)	753.76	-
Covered High Dock			(SF)		464.51		5,000)	537.01	•
Joint Inspection C	anopy		(SF)		522.58		5,625)	493.74	•
Covered Ammo Dock		m2	(SF)		116.13	(	1,250)	545.30	-
Total from Conti									(209
SUPPORTING FACILIT	<u>IES</u>								915
Electric Service		LS							(133
Water, Sewer, Gas		LS							(46
Steam And/Or Chill									(2
Paving, Walks, Cur	bs & Gutters	LS							(154
Storm Drainage		LS							(2
Site Imp( 200) D		LS							(200
Information System	S	LS							(378
ESTIMATED CONTRACT	COCT								2,407
CONTINGENCY PERCEN									120
SUBTOTAL	1 (3.00%)								2,527
SUPV, INSP & OVERH								144	
TOTAL REQUEST								2,671	
TOTAL REQUEST (ROU								2,650	
INSTALLED EQT-OTHE								2,030	
TINDIVIDED EÕI-OIUE	N AFFROP								(
10.Description of Proposed Cor	struction Expa	ı and	the w	≏h i	cle den	artiii	re area a	at the	

10.Description of Proposed Construction Expand the vehicle departure area at the Arrival/Departure Air Control Group (A/DACG)facility, and the Troop Holding Area (THA) facility to provide sufficient capacity to deploy soldiers and their vehicles and equipment in 96 hours. Expand the vehicle ready lines and pallet staging area at the A/DACG; enclose the troop drop off area and eating area; and provide a covered baggage area at the THA; a covered high dock at the ammunition loading ramp; and a third scale at the vehicle inspection area. Supporting facilities include electric service; utility expansion; paving, walks, curbs and gutters; storm drainage; information systems; and site improvements. Supporting facilities cost is high due to the length of utility service lines, paving, and site clearing and leveling.

11. REQ: 3,381 m2 ADQT: 2,490 m2 SUBSTD: NONE PROJECT: Expand the vehicle departure and pallet staging area at the Arrival Departure Air Control Group facility and the Troop Holding Area. (New Mission) REQUIREMENT: This project is required to meet the Stryker Brigade Combat Team (SBCT) strategy of 96 hour air deployments by increasing vehicle inspection ready lanes to ten, and pallet staging area to 50 pallets for air deployment of vehicles and pallets at the A/DACG; providing an enclosed troop

1.COMPONENT								2.DATE			
	FY	2004	MILITAR	Y CON	STRUCTION	PROJ	JECT DATA				
ARMY								06	FEB 2003		
3.INSTALLATION AND LOCATION											
Fort Lewis, Wa	Fort Lewis, Washington										
4.PROJECT TITLE							5.PROJECT	NUMBER			
Deployment Sta	aging Fa	cility	7					54765			
	-										
9. COST ESTI	MATES (	CONTIN	IUED)								
								Unit	Cost		
Item			UM	(M/E)	QUA	NTIT	Y	COST	(\$000)		
PRIMARY FACILI	TY (CON	TINUED	))								
Pallet Roller	Systems	3	_ LS						(100)		
Overlay Hardst	and		m2	(SF)	8,19	4 (	88,200)	1.40	(11)		
Building Infor	rmation	System	ns LS						(98)		
_		_						Total	209		
									ļ		

### REQUIREMENT: (CONTINUED)

drop off and eating area, a covered baggage drop off area at the THA to support the processing of the 3,500 troops and baggage by air deployment; a covered high dock for ammunition pallets at the ammunition loading ramp to shorten the loading time, and a third scale at the vehicle inspection/weighing area to increase the vehicle throughput. These improvements are required to support the Army's Vision deployment requirements.

CURRENT SITUATION: Currently the call forward area A/DACG for Joint Inspections and Ready Line chalks has three vehicle chalks and a holding area for 36 pallets. The THA does not have a baggage drop off area, a troop drop off area, sufficient latrines or eating areas for the 700 troops waiting for aircraft. The lack of a high dock at the ammunition loading ramp limits the ammunition pallets that can be processed. There are not enough vehicle weighing scales at the vehicle inspection area to process the vehicles to meet the deployment schedule. The current throughput will not meet the 96-hour criteria for deploying the SBCTs.

IMPACT IF NOT PROVIDED: If this project is not provided, the SBCT will not be able to deploy its soldiers, vehicles, and equipment within the required 96-hours. The existing facilities will not be capable of providing the throughput required to meet air deployment requirements.

ADDITIONAL: This project has been coordinated with the installation physical security plan and all required physical security measures are included. No anti-terrorism/force protection (AT/FP) measures are required. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to satisfy the requirement. Sustainable principles will be integrated into the development, design, and construction of the project in accordance with Executive Order 13123 and other applicable laws and Executive Orders. JOINT USE CERTIFICATION: The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. This facility will be available for use by other components. A parametric cost estimate based upon project engineering design was used to develop this budget estimate.

1.COMPONEN	TT.							I O DATE	Ī			
I.COMPONEN	1	:	<b>FY</b> 2004	MILII	TARY CONS	TRUCTION PRO	JECT DATA	2.DATE				
ARMY								06 FI	EB 2003			
3.INSTALLA	TION A	ND LOCA	ATION									
Fort Lew	da W	aghin	aton									
4.PROJECT		asiiiii	gcon				5.PROJECT	NUMBER				
Deployme	nt St	aging	Facili	ty				547	765			
12. SUP	ים אים דרו	א דרדי א	DATA:									
12. SUP A.			DATA: Design	Data:								
	(1)	Stat										
	(a) Date Design Started											
		(b)				January 200						
		(c) (d)										
		(e)				ting Used to						
		(f)				t: Design-b	_					
		(g)				fe cycle cos		will be				
	documented during the final design.											
	(2) Basis:											
	,	(a)		rd or De	efinitive	Design: NO						
	(3)	Tota (a)				+(b) OR (d)+ d Specificat			112			
		(a) (b)										
		(c)										
		(d)										
		(e)	In-hou	se				• • • • • • • • • • • • • • • • • • • •	60			
	(4)	Cons	tructio	n Contra	act Award			NOV	2003			
	( - /	00110	01 00010	0011010	200 1111020			<u>-2.0 y</u>	2005			
	(5)	Cons	tructio	n Start				<u>FEB</u>	2004			
	(6)	0						T 7 1 T	2005			
	(6)	Cons	tructio	n Comple	etion	• • • • • • • • • • • • • • • • • • • •		<u>JAN</u>	2005			
В.				ated wit	th this p	roject which	will be p	rovided fi	com			
other	appro	priat	ions:				ni	- 7 77				
Fouri	pment				Procuri	na		al Year opriated	Cost			
_	nclat				Appropr			equested	<u>(\$000)</u>			
					NA							

Installation Engineer: Joe Carroll

1.COMPONENT								2.DATE	2.DATE				
	<b>FY</b> 2	004	MIL	ITARY CONSTRUCTION PROJECT DATA									
ARMY								06 FEB 2003					
3.INSTALLATION AN	D LOCAT	ION					4.PROJECT	TITLE					
Fort Lewis													
Washington							Shoot Ho	ouse					
5.PROGRAM ELEMENT	1	6.CAT	EGORY CODE		7.P	ROJI	ECT NUMBER		8.PROJECT	COST (\$00	00)		
									Auth	1,	250		
22212A			179				57653		Approp	1,	250		
				9	.COST	EST	IMATES						
	ITEM			UM	(M/E)		QUAN	TITY					
PRIMARY FACIL	ITY											1,061	
Shoot House				EΑ			1			1024860		(1,025)	
Covered Train	ing Ar	ea		m2	(SF)		122.63	(	1,320)	297.51		(36)	
SUPPORTING FAC	CILITI	ES										69	
Electric Serv	ice			LS								(7)	
Paving, Walks	, Curb	s & 0	utters	LS								(39)	
Site Imp( 2			)	LS								(23)	
<u>-</u> (	- ,	- (	,									( - /	
ESTIMATED CONT	TRACT (	COST										1,130	
CONTINGENCY PR			00%)									<u>57</u>	
SUBTOTAL		( ) .	, , ,									1,187	
SUPV, INSP & OVERHEAD (5.70%)												68	
TOTAL REQUEST												1,255	
TOTAL REQUEST (ROUNDED)												1,250	
INSTALLED EQT-OTHER APPROP			PΩP									()	
TINDIATION DOI:	OTHER	AFFF	COT.									( )	
10.Description of Prop	oged Const	rugtion	Conc	 	at a	1 4 -	ve-fire e	vor	aige Sho	ot House	747 i + 1	h	
multiple entry													
Imatethia and	ADTII	LD, E	cparate	T 00	mo WI	エレエエ	PATITATIO	y ao	OTP OILE	acii, a II	$a \perp \perp w$	a y	

multiple entry points, separate rooms with swinging doors on each, a hallway system throughout, and walls and floors of the structure are designed to absorb blasts from live small arms ammunition. Primary facilities are located within the perimeter of the complex and consist of a two-story Shoot House and a covered shelter. Supporting facilities include electric service, paving, walks, curbs and gutters, and site improvements.

11. REQ: 2 EA ADQT: 1 EA SUBSTD: 1 EA

PROJECT: Construct a Shoot House. (Current Mission)

<u>REQUIREMENT:</u> This project is required to support US Army Special Operations Command (USASOC) units conducting urban operations training at Fort Lewis. The Shoot House will facilitate training for individual soldiers through platoon level.

<u>CURRENT SITUATION:</u> Shoot House training is being conducted in shoot houses open to all Fort Lewis units, Army Reserve, and National Guard. Rangers and Special Forces units with no notice training requirements must compete with other units in scheduling the shoot houses.

1.COMPONENT	<b>FY</b> 20	∩∩4 <b>MTT.TTAPV</b>	CONSTRUCTION	DRO.TECT	מידבת י	Z.DATE
ARMY	<b>L L L</b> (	004 HIBITAKI	COMBINGCTION	TROUBE	DAIA	06 FEB 2003
3.INSTALLATION AN	D LOCATION					
Fort Lewis, Wa	ashington					
4.PROJECT TITLE				5.	PROJECT N	IUMBER
Shoot House						57653

IMPACT IF NOT PROVIDED: If this project is not provided, there will be a significant adverse effect on USASOC training. The Rangers and Special Forces will not be able to attain the degree of proficiency required for combat. Dedicated facilities will not be available for conduct of intense, focused training incident to rapid deployments.

ADDITIONAL: This project has been coordinated with the installation physical security plan and all physical security measures are included. No anti-terrorism/force protection measures are required. An economic analysis has been prepared and utilized in evaluating this project. This project is the most cost-effective method to satisfy the requirement. Sustainable principles will be integrated into the design, development, and construction of the project in accordance with Executive Order 13123 and other applicable laws and Executive Orders. JOINT USE CERTIFICATION: The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. This facility will be available for use by other components. A parametric cost estimate based upon project engineering design was used to develop this budget estimate.

## 12. SUPPLEMENTAL DATA:

- A. Estimated Design Data:
  - (1) Status:

(a)	Date Design Started	APR 2002
(b)	Percent Complete As Of January 2003	35.00
(c)	Date 35% Designed	JAN 2003
(d)	Date Design Complete	MAY 2003
(e)	Parametric Cost Estimating Used to Develop Costs	YES
(f)	Type of Design Contract: Design-bid-build	

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

(3)	Total Design Cost (c) = (a)+(b) OR (d)+(e):  (a) Production of Plans and Specifications  (b) All Other Design Costs	140 210 40
(4)	Construction Contract Award	DEC 2003
(5)	Construction Start	<u>JAN 2004</u>

(6) Construction Completion.................................. <u>DEC 2004</u>

						Т.	
1.COMPONENT	<b>FY</b> 2004	MTT TTAD	Y CONSTRUCTIO	ייי דר ∨סט זיי	מש האשא	2.DATE	
ARMY	<b>FI</b> 2007	MITHITIAN	I CONSTRUCTIO	N PROOF	CI DAIR	06 FF	B 2003
3.INSTALLATION AND	D LOCATION						D 2005
Fort Lewis, Wa	shington						
4.PROJECT TITLE					5.PROJECT 1	NUMBER	
Shoot House						576	553
DIIOOC IIOGEC						<u> </u>	33
	NTAL DATA: (						
		ated with	this project	which w	vill be p	rovided fr	·om
other approp	oriations:				Figa	al Year	
Equipment		P	rocuring			opriated	Cost
Nomenclatu	ıre		ppropriation			equested	<u>(\$000)</u>
			NA				
i							
				<del>.</del>	** **		
		Installat	ion Engineer:	Larry	⁷ McVay		

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## DEPARTMENT OF THE ARMY FISCAL YEAR 2004

# MILITARY CONSTRUCTION (PART I) (DOLLARS ARE IN THOUSANDS)

STATE INSTALLATION (COMMAND/RE	GION)			NEW/	
PROJECT		AUTHORIZATION	APPROPRIATION	CURRENT	
NUMBER PROJECT TITLE		REQUEST	REQUEST	MISSION	PAGE
Germany Various (USA					195
Bamberg Warner Barrack					
56074 Barracks - Warner 7083		8,000	8,000	C	197
56080 Barracks - Warner 7004		9,900	9,900	C	200
Darmstadt Cambrai Frit	sch Ksn				
56758 Barracks - Cambrai Fri	tsch 4029	7,700	7,700	С	203
Grafenwoehr East Camp	Grafenwoehr				
55974 Brigade Complex - Troo	p Support Facilities	46,000	46,000	C	206
55975 Brigade Complex - Barr	acks & Maint/Support	30,000	30,000	C	210
Heidelberg Heidelberg	Hospital				
56775 Barracks - Heidelberg	Hospital	17,000	17,000	С	214
Hohenfels Hohenfels Tr	aining Area				
46815 Physical Fitness Train	ing Center	13,200	13,200	С	217
Mannheim Sullivan Barr	acks				
52620 Barracks - Sullivan 20	5	4,300	4,300	C	220
Schweinfurt Schweinfur	t Trng Areas (23)				
53940 Modified Record Fire R	ange	7,500	7,500	С	223
Wuerzburg Leighton Bar	racks				
54286 Barracks - Leighton		18,500	18,500	С	226
J					
Subtotal Germany Various	PART I	\$ 162,100	162,100		
		, , , , , , , , , , , , , , , , , , , ,	. ,		
* TOTAL MCA FOR Germany		\$ 162,100	162,100		
-					

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ARMY  INSTALLATION AND LOG Germany Various Germany  6. PERSONNEL STRENG  A. AS OF 30 SEP 2000  B. END FY 2008				06 FEB 2003  5. AREA CONSTRUCTION COST INDEX								
Germany Various Germany  6. PERSONNEL STRENG  A. AS OF 30 SEP 2000		US Army Europe and Seventh Arm										
Germany Various Germany  6. PERSONNEL STRENG  A. AS OF 30 SEP 2000		US Army Europe and Seventh Arm										
6. PERSONNEL STRENG A. AS OF 30 SEP 2000	TH: PERMANI											
6. PERSONNEL STRENG A. AS OF 30 SEP 2000	TH: PERMANI		Germany Various US Army Europe and Seventh Army									
A. AS OF 30 SEP 200	TH: PERMANE	(Installation Management Acty,	Europe Region)	1.22								
A. AS OF 30 SEP 200	TH: PERMANI											
		ENT STUDENTS	SUPPORTED									
		ST CIVIL OFFICER ENLIST CIVIL										
B. END FY 2008				•								
	7990 4923	32 19750 0 283 12	2519 7526	21229 108,541								
		7. INVENTORY DATA (\$000	)									
A. TOTAL AREA		405,859 ha (1,002,896 AC										
B. INVENTORY TOTA	AL AS OF 30 SI	IP 2002	90,4	34,822								
C. AUTHORIZATION	NOT YET IN IN	ZENTORY	8	12,062								
D. AUTHORIZATION	REQUESTED IN T	THE FY 2004 PROGRAM	1	62,100								
E. AUTHORIZATION	REQUESTED IN T	THE FY 2005 PROGRAM	2	90,810								
F. PLANNED IN NE	XT FOUR YEARS	NEW MISSION ONLY)		65,850								
G. REMAINING DEF	CICIENCY		8,1	59,510								
H. GRAND TOTAL			99,9	25,154								
	_	ED IN THE FY 2004 PROGRAM:	COCIE	DEGLONI CHARLIC								
CATEGORY PROJECT		NECT TITLE	COST	DESIGN STATUS								
CODE NUMBER 740 46815			(\$000)	START COMPLETE 02/2002 09/2003								
	Barracks - Si	ness Training Cent	13,200 4,300	03/2001 08/2003								
178 53940		ord Fire Range	7,500	01/2002 11/2003								
721 54286		-	06/2001 11/2003									
721 55975		.ex - Barracks & M	12/2001 09/2003									
740 55974		.ex - Troop Suppor	03/2002 09/2003									
721 56080	5 -		46,000 9,900	01/2002 09/2003								
721 56074	Barracks - Wa	arner 7083	8,000	01/2002 09/2003								
721 56758	Barracks - Ca	ambrai Fritsch 402	7,700	02/2002 07/2003								
721 56775	Barracks - He	eidelberg Hospital	17,000	04/2002 08/2003								
		TOTAL	162,100									
9. FUTURE PROJECT A	PPROPRIATIONS:											
CATEGORY		ATTOM THE T	COST									
CODE		DIECT TITLE	(\$000)									
A. REQUESTED IN 178			10 400									
214	_	e Training Range Complex enance Facility	19,400 13,200									
721	Barracks Com	-	22,300									
214	_	- Maintenance and Operations	25,000									
721	BDE Complex -	-	32,500									
740	_	- Family Support	11,500									
214	_	- Maintenance and Operations	27,500									
721	BDE Complex -	-	32,500									
	-											

1. COMPONENT	FY 2004-2005 MILITARY CONSTRUCT	PROCERAM	2. DATE
ARMY	ri 2001 2003 Fillitaki Colvoikoo	TION TROOLON	06 FEB 2003
ARMI			00 FEB 2003
	<u> </u>		
TNICTAT I ATTA	N AND LOCATION: Germany Various	Cormoniz	
INSTALLATIO	N AND LOCATION: Germany various	Germany	
0			
	APPROPRIATIONS: (CONTINUED)	go om	
CATEGORY	222 222 222 2	COST	
CODE	PROJECT TITLE	(\$000)	
	N THE FY 2005 PROGRAM:		
721	BDE Complex - Barracks	12,800	
721	Barracks Complex-Sullivan 229/231	17,400	
178	Combined Arms Collective Training Fac	34,500	
178	Shoot House	1,370	
178	Urban Assault Course	1,540	
178	Modified Record Fire Range	10,300	
721	Barracks - Smith	29,000	
	TOTAL	290,810	
C. DEFERRED SU	STAINMENT, RESTORATION, AND MODERNIZATION (S	SRM): N/A	
11. OUTSTANDING PO	LLUTION AND SAFETY DEFICIENCIES:		
		(\$00	0)
A. AIR POLLUTIO	ON	V1	0
B. WATER POLLU			0
	L SAFETY AND HEALTH		0
C. OCCUPATIONA	D CAPETI AND HEADIN		U
REMARKS :			
	cost to remedy the deficiencies in all exist	-ing pagenont and go	mi normonont facilities
	on is \$3,544,635,000, based on the Installat		_
		lion status keport in	TOTILACTOR OF CONDICTORS
as of October 2002	•		

1.COMPONENT								2.DATE	
1. COM ONEN	<b>FY</b> 2	004 <b>MIL</b> I	LTAR	Y CO	NSTRUCTION 1	PROJ	ECT DATA	Z.DAIE	
ARMY								06	FEB 2003
3.INSTALLATION AN	D LOCAT	'ION			4.PROJECT	TITLE	 C	00	1111 2003
Warner Barrack	. c								
Germany (Bambe					Barrack	g - 1	Warner 70	83	
5.PROGRAM ELEMENT		6.CATEGORY CODE	<u> </u>	7.5	ROJECT NUMBER		8.PROJECT		0)
							Auth		000
22396A		721			56074		Approp		000
ZZ370A		721	9	. COST	ESTIMATES			0,	000
	T		777.6	(35 /E)	01173	TO T OX 7		Ī	
PRIMARY FACIL	ITEM [TV		UM	(M/E)	QUAR	TITY	+		6,452
Renovate Barra			m 2	(SF)	5,314	1	57,200)	1,078	(5,729)
Asbestos Remov			LS	(DI)	3,311		37,2007		(156)
IDS Installati			LS						(72)
Antiterrorism	-	Protection	LS						(316)
Building Infor			LS						(179)
Burraring Tillor	Illacio	II byscems	Ц						(17)
SUPPORTING FAC	דיתיד.	FC	1						697
Electric Servi		<u> </u>	LS						(44)
Water, Sewer,			LS						(81)
Paving, Walks		a & Cuttora	LS						(300)
Site Imp( 11			LS						(110)
Information Sy			LS						(110)
Antiterrorism			LS						(52)
Ancicerrorism	rorce	Procection	го						(34)
ESTIMATED CONT		COCT							7,149
									· ·
CONTINGENCY PE	RCENI	(5.00%)							3 <u>57</u> 7,506
	77727777	7D /6 E0%\							
SUPV, INSP & ( TOTAL REQUEST	) A EKUE	AD (0.50%)							488 7,994
TOTAL REQUEST	/ DOITH	DED /							8,000
INSTALLED EQT-		•							
INSTALLED EQT-	-OIHER	APPROP							( )
10 B	1.6	Mode	1	<b>70 0</b>	homeogleg i	n a l 111	1122 2 22		
10.Description of Prop									/ TDC \
operations are									
Supporting fac									
utility lines									
utilities; ele			_				_	_	
curbs and gutt									
Anti-terrorism									
reinforcement,									
building and f			a ae	esign	services a	re r	equirea.	Access	for the
handicapped wi	ııı be	providea.							
11 DEC:		210 DM 752	п•			ΛΤ C:	ID COD :		
11. REQ:		,218 PN ADQ			542 PI		UBSTD:		676 PN
		an existing						1 '	
REQUIREMENT:									
conditions for									on is 93
soldiers, and									
CURRENT SITUAT	LION:	This gang l	Latr	ine l	oarracks wa	s bu	11t in 19	35 for	tne

German Army and it has a layout that does not meet current standards for space and privacy. It also has deteriorated and inadequate building components and

1.COMPONENT						Z.DAIE		
	<b>FY</b> 2004	MILITARY	CONSTRUCTION	PROJECT	DATA			
ARMY						06	FEB	2003
3.INSTALLATION AND	LOCATION							
Warner Barrack	s, Germany (E	Bamberg)						
4.PROJECT TITLE				5.	PROJECT N	IUMBER		
Barracks - War	ner 7083						56074	

CURRENT SITUATION: (CONTINUED)

utility systems that require intensive maintenance.

<u>IMPACT IF NOT PROVIDED:</u> If this project is not provided, soldiers will continue to live and work in substandard and deteriorated facilities, which will adversely impact morale, retention, and readiness.

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

Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement. Sustainable principles will be integrated into the design, development, and construction of the project in accordance with Executive Order 13123 and other applicable laws and Executive Orders. JOINT USE CERTIFICATION: The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. Mission requirements, operational considerations, and location are incompatible with use by other components. During the past two years, \$552K has been spent on sustainment, restoration and modernization (SRM) (formerly known as Real Property Maintenance) of unaccompanied enlisted personnel housing at Warner Barracks. Upon completion of this project and other projects approved through FY 2004, the remaining unaccompanied enlisted permanent party personnel deficit will be 418 soldiers at maximum occupancy at this installation. A parametric cost estimate based upon project engineering design was used to develop this budget estimate.

<u>NATO SECURITY INVESTMENT:</u> This project is not eligible for NATO infrastructure support, nor is it expected to become eligible in the foreseeable future.

## 12. SUPPLEMENTAL DATA:

(2)

(3)

- A. Estimated Design Data:
  - (1) Status:

(a)	Date Design Started	JAN 2002
(b)	Percent Complete As Of January 2003	30.00
(c)	Date 35% Designed	FEB 2003
(d)	Date Design Complete	SEP 2003
(e)	Parametric Cost Estimating Used to Develop Costs	YES
(f)	Type of Design Contract: Design-bid-build	
(g)	An energy study and life cycle cost analysis will	be
	documented during the final design.	
Basi	s:	
(a)	Standard or Definitive Design: NO	
Tota	l Design Cost $(c) = (a)+(b)$ OR $(d)+(e)$ :	(\$000)
(a)	Production of Plans and Specifications	400

1.COMPONENT				2.DATE
	FY 2004 MILIT	ARY CONSTRUCTION PROJE	ECT DATA	
ARMY				06 FEB 2003
3.INSTALLATION AN	ND LOCATION			
Warner Barrac	ks, Germany (Bamberg	)		
4.PROJECT TITLE			5.PROJECT N	NUMBER
Barracks - Wa	rner 7083			56074
12. SUPPLEME	NTAL DATA: (Continue	d)		
A. Esti	mated Design Data: (	Continued)		
	(b) All Other Desi	gn Costs		140
		ost		
	( /			
	(e) III-IIOuse			
(4)	Construction Contra	ct Award		<u>DEC 2003</u>
(5)	Construction Start.			<u>MAR 2004</u>
(6)	Construction Comple	tion		<u>JUN 2005</u>
B. Equi other appro		h this project which w	will be pı	covided from
	_		Fisca	al Year
Equipment		Procuring	Appro	opriated Cost
Nomenclat	ure	Appropriation		equested (\$000)
Nomencial	<u>ur c</u>	WASTOSITACTOIL	OT K	<u> </u>
		NA		

Installation Engineer: Michael Kempner-Strehlow

1.COMPONENT								2.DATE	
	<b>FY</b> 2	004 <b>MIL</b>	ITAR	Y CON	STRUCTION	1 PROJ	ECT DATA		
ARMY								06	FEB 2003
3.INSTALLATION AN	ID LOCAT	ION			4.PROJEC	CT TITL	E		
Warner Barracl	ζS								
Germany (Bambe	erg)				Barrac	cks -	Warner 7	004	
5.PROGRAM ELEMENT	1	6.CATEGORY CODE	]	7.PR	OJECT NUMB	ΞR	8.PROJECT	COST (\$00	0)
							Auth	9,	900
22396A		721			56080		Approp	9,	900
			9.	COST E	STIMATES				
	ITEM		UM	(M/E)	Q1	JANTITY			
PRIMARY FACIL	ITY								8,451
Renovate Barra	acks		m2	(SF)	7,02	23 (	75,595)	1,074	(7,540
Asbestos Remov	<i>r</i> al		LS						(250
IDS Installat:	_		LS						(92)
Antiterrorism	Force	Protection	LS						(334
Building Info	rmatio	n Systems	LS						(235
									0.50
SUPPORTING FAC		<u>ES</u>							359
Electric Serv			LS						(51
Water, Sewer,			LS						(81
Steam And/Or (									(17
Paving, Walks			LS						(29
_	59) Dei	mo( )	LS						(59
Information Sy	-		LS						(105
Antiterrorism	/Force	Protection	LS						(17
ESTIMATED CONT	TRACT (	COST							8,810
CONTINGENCY PR	ERCENT	(5.00%)							441
SUBTOTAL									9,251
SUPV, INSP & 0	OVERHE	AD (6.50%)							601
TOTAL REQUEST									9,852
TOTAL REQUEST	(ROUN	DED)							9,900
INSTALLED EQT-	-OTHER	APPROP							(
10.Description of Prop							ding a co		
operations are								_	
Abate asbestos									
main exterior	utili	ty lines and	brai	nch l	ines; rem	noval	of an acc	cess road	d <i>i</i>

10.Description of Proposed Construction Modernize a barracks including a company operations area with arms room. Install an intrusion detection system (IDS). Abate asbestos. Supporting facilities include a partial replacement of the main exterior utility lines and branch lines; removal of an access road; utilities: electric service; fire protection and alarm systems; paving, walks, curbs and gutters; parking; information systems; and site improvements. Anti-terrorism/force protection (AT/FP) will be provided by structural reinforcement, special windows and doors, and site measures. Comprehensive building and furnishings related design services are required. Access for the handicapped will be provided.

11. REQ: 1,218 PN ADQT: 542 PN SUBSTD: 676 PN

PROJECT: Modernize an existing barracks. (Current Mission)

REQUIREMENT: This project is required to provide living and working conditions for soldiers that meet current standards. Maximum utilization is

123 soldiers, and the intended utilization is 99 E1-E4s and 12 E5-E6s.

CURRENT SITUATION: This gang latrine barracks was built in 1935 for the German Army and it has a layout that does not meet current standards for space and privacy. It also has deteriorated and inadequate building components and

1.COMPONENT	FY	2004	MILITARY	CONSTRUCTION	PROJEC	T DATA	Z.DAIE		
ARMY		2001					06	FEB	2003
3.INSTALLATION AN	D LOCATIO	N							
Warner Barrack	s, Germ	any (i	Bamberg)						
4.PROJECT TITLE					Ĩ	.PROJECT	NUMBER		
Barracks - War	ner 700	4						56080	)

#### CURRENT SITUATION: (CONTINUED)

utility systems that require intensive maintenance.

If this project is not provided, soldiers will IMPACT IF NOT PROVIDED: continue to live and work in substandard and deteriorated facilities, which will adversely impact morale, retention, and readiness.

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

Alternative methods of meeting this requirement were explored during project development. This project is the only feasible option to meet the requirement. Sustainable principles will be integrated into the design, development, and construction of the project in accordance with Executive Order 13123 and other applicable laws and Orders. JOINT USE CERTIFICATION: The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. Mission requirements, operational considerations, and location are incompatible with use by other components. During the past two years, \$552K has been spent on sustainment, restoration and modernization (SRM) (formerly known as Real Property Maintenance) of unaccompanied enlisted personnel housing at Warner Barracks. Upon completion of this project and other projects approved through FY 2004, the remaining unaccompanied enlisted permanent party personnel deficit will be 418 soldiers at maximum occupancy at this installation. A parametric cost estimate based upon project engineering design was used to develop this budget estimate. NATO SECURITY INVESTMENT: This project is not eligible for NATO infrastructure support, nor is it expected to become eligible in the

foreseeable future.

## 12. SUPPLEMENTAL DATA:

- A. Estimated Design Data:
  - (1) Status:

(a)	Date Design Started	JAN 2002
(b)	Percent Complete As Of January 2003	30.00
(c)	Date 35% Designed	FEB 2003
(d)	Date Design Complete	SEP 2003
(e)	Parametric Cost Estimating Used to Develop Costs	YES

- (f) Type of Design Contract: Design-bid-build
- (g) An energy study and life cycle cost analysis will be documented during the final design.
- (2) Basis:
  - (a) Standard or Definitive Design: NO

(3)	Tota	1 Design Cost (c) = $(a)+(b)$ OR $(d)+(e)$ :	(\$000)
	(a)	Production of Plans and Specifications	500
	(b)	All Other Design Costs	150

1.COMPONENT		2.DA	TE
	FY 2004 MILITARY CONSTRUCTION PROJE	CT DATA	
ARMY			06 FEB 2003
3.INSTALLATION A	ND LOCATION		
Warner Barrac	ks, Germany (Bamberg)		
4.PROJECT TITLE	5.PROJECT NUMBER	R	
Barracks - Wa	rner 7004		56080
12. SUPPLEME	NTAL DATA: (Continued)		
A. Esti	mated Design Data: (Continued)		
	(c) Total Design Cost		650
	(d) Contract		100
	(e) In-house		
(4)	Construction Contract Award		DEC 2003
(5)	Construction Start		MAR 2004
(6)	Construction Completion		<u>AUG 2005</u>
B. Equi	pment associated with this project which w	ill be provi	ded from
		Fiscal Y	ear
Equipment	Procuring	Appropria	ated Cost
Nomenclat	ure Appropriation	Or Reques	sted (\$000)
	NA		

Installation Engineer: Michael Kempner-Strehlow

1.COMPONENT										2.DATE	
I.COMPONENI	EV 0	004	мтт -	ፐጥአፑ	יע מטי	Mαπ	סנו⊂ייד∩אי	DDA.T	ECT DATA		
7 17 14 17	FI 20	004	МТТ.	LIAR	CI CO	ИРТ	RUCTION	PROJ	ECI DAIA		DDD 2002
ARMY	D 1003E	T 0.11		1						06	FEB 2003
3.INSTALLATION AN		LON					4.PROJECT	I.T.I.Pł	<u>4</u> ;		
Cambrai Fritso											
Germany (Darms									Cambrai	Fritsch	4029
5.PROGRAM ELEMENT	1	6.CATEGO	RY CODE	:	7.F	PROJ	ECT NUMBER	3	8.PROJECT	COST (\$00	00)
									Auth	7,	700
22396A		7	21				56758		Approp	7,	700
	•			9	.COST	EST	IMATES				
	ITEM			UM	(M/E)		OUA	ANTITY			
PRIMARY FACILI	TTY				, , ,		~ -				6,549
Renovate Barra				m2	(SF)		4,064	1 (	43,740)	1,141	
Renovate Compa		s Area			(SF)				10,935)		
Asbestos Remov				LS	( )		_, -, -		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		(113
IDS Installati				LS							(21
Antiterrorism	-	Drotec	tion	LS							(332
Building Infor				LS							(252
-			IIIS	го							329
SUPPORTING FAC		<u> </u>		T C							
Water, Sewer,		7	<b>5</b> ' .	LS							(24
Steam And/Or (											(13
Paving, Walks,		s & Gut	ters	LS							(76
Storm Drainage				LS							(13
_	79) Der	mo(	)	LS							(79
Information Sy				LS							(17
Antiterrorism,	/Force	Protec	tion	LS							(107
ESTIMATED CONT	TRACT (	COST									6,878
CONTINGENCY PR	ERCENT	(5.00	웅)								344
SUBTOTAL											7,222
SUPV, INSP & 0	OVERHEA	AD (6.	50%)								469
TOTAL REQUEST											7,691
TOTAL REQUEST	(ROUNI	DED)									7,700
INSTALLED EQT-	-OTHER	APPROP									(
10.Description of Prop	osed Const	ruction	Mode	erni	ze a	ba	rracks i	inclu	ding the	company	
operations are									_		
electric servi											
walks, curbs a											
Provide asbest											
Anti-terrorism											
reinforcement											
interior designment	ıı serv	vices 1	s requ	uire	eu. A	cce	ss lor t	ine n	anurcapp	ea wlll	ne
provided.											

11. REQ: 1,218 PN ADQT: 542 PN SUBSTD: 676 PN PROJECT: Modernize an existing barracks. (Current Mission)

REQUIREMENT: This project is required to provide living and working conditions for soldiers that meet current standards. Maximum utilization is 82 soldiers and the intended utilization is 66 E1-E4 and 8 E5-E6.

CURRENT SITUATION: This gang latrine barracks was built in 1936 for the German Army and it has a layout that does not meet current standards for space and privacy. It also has deteriorated and inadequate building components and utility systems that require intensive maintenance.

1.COMPONENT	EV	2004	MTT TTADV	CONSTRUCTION	DDO.TEC	ת האתו יי	Z.DATE
ARMY	FI	2004	MIDITARI	CONSTRUCTION	PROUEC	I DAIA	06 FEB 2003
3.INSTALLATION AN	D LOCATIO	N					
Cambrai Fritso	h Ksn,	German	ny (Darmst	adt)			
4.PROJECT TITLE					5	.PROJECT	NUMBER
Barracks - Cam	ıbrai Fr	ritsch	4029				56758

IMPACT IF NOT PROVIDED: If this project is not provided, soldiers will
continue to live and work in substandard and deteriorated facilities, which

will adversely impact morale, retention, and readiness. ADDITIONAL: This project has been coordinated with the installation physical security plan, and all required physical security measures are included. Also, all required anti-terrorism/force protection measures are included. This project is consistent with force structure plans. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement. Sustainable principles will be integrated into the design, development, and construction of the project in accordance with Executive Order 13123 and other applicable laws and Executive Orders. JOINT USE CERTIFICATION: The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. Mission requirements, operational considerations, and location are incompatible with use by other components. During the past two years, \$120K has been spent on sustainment, restoration and modernization (SRM) (formerly known as Real Property Maintenance) of

<u>NATO SECURITY INVESTMENT:</u> This project is not within an established NATO infrastructure category for common funding, nor is it expected to become eliqible in the foreseeable future.

unaccompanied enlisted personnel housing at Cambrai Fritsch Kaserne. Upon completion of this project, the remaining unaccompanied enlisted permanent party personnel deficit will be 418 soldiers at maximum occupancy at this installation. A parametric cost estimate based upon project engineering design

## 12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

was used to develop this budget estimate.

(1) Status:

(a)	Date Design Started	FEB 2002
(b)	Percent Complete As Of January 2003	30.00
(c)	Date 35% Designed	JAN 2003
(d)	Date Design Complete	<u>JUL 2003</u>
(e)	Parametric Cost Estimating Used to Develop Costs	YES

- (f) Type of Design Contract: Design-bid-build
- (g) An energy study and life cycle cost analysis will be documented during the final design.
- (2) Basis:
  - (a) Standard or Definitive Design: NO

(3)	Tota	l Design Cost $(c) = (a)+(b)$ OR $(d)+(e)$ :	(\$000)
	(a)	Production of Plans and Specifications	400
	(b)	All Other Design Costs	100
	(c)	Total Design Cost	500

1.COMPONENT						2.DATE	
1.COM ONLIVE	EV	2004	MTT.TTADV	CONSTRUCTION PROJ	משמת השת	Z.DAIL	
7.77	FI	200 <del>1</del>	MITITIANI	CONSTRUCTION FROM	ECI DAIA	06 555 0003	
ARMY						06 FEB 2003	
3.INSTALLATION AN	D LOCATIO	)N					
Cambrai Fritsch Ksn, Germany (Darmstadt)							
4.PROJECT TITLE					5.PROJECT	NUMBER	
Barracks - Can	nbrai Fı	citsch	4029			56758	
					J		
12. SUPPLEMEN	NTAL DAT	ГА <u>:</u> (Со	ntinued)				
			ata: (Cont	tinued)			
11. 1201		_				90	
	,						
	(e) Ir	1-nouse				410	
(4)	Constru	action	Contract A	Award		<u>DEC 2003</u>	
(5)	Constru	action	Start			<u>MAR 2004</u>	
(6)	Constru	action	Completion	n		<u>FEB 2005</u>	
B. Equip	oment as	ssociat	ed with the	nis project which	will be p	provided from	
other approp				<del>-</del> -	_		
	: =				Fisc	al Year	
Equipment			Dro	ocuring		copriated Cost	
	0			-		_	
Nomenclatu	<u>ire</u>		ADI	propriation	UL F	Requested (\$000)	
				NA			

Installation Engineer: LTC, DUTTWEILER, 26th ASG DPW
Phone Number: DSN 387-1360

1.COMPONENT									2.DATE	
	<b>FY</b> 2	004 <b>MIL</b>	[TAF	RY CON	IST	RUCTION P	ROJ	ECT DATA		
ARMY									06	FEB 2003
3.INSTALLATION AN	D LOCAT	ION				4.PROJECT	TITLE	]		
East Camp Graf	enwoel	nr				Brigade	Comp	plex - T	roop Supj	port
Germany (Grafe	enwoeh:	r)				Faciliti	.es			
5.PROGRAM ELEMENT	1	6.CATEGORY CODE		7.P	ROJ	ECT NUMBER		8.PROJECT	COST (\$00	0)
								Auth	46,	000
22396A		742				55974		Approp	46,	000
			9	.COST	EST	IMATES				
	ITEM		UM	(M/E)		QUAN	TITY			
PRIMARY FACILI	TY									38,190
Physical Fitne	ess Ce	nter	m2	(SF)		6,057	(	65,200)		
Softball Field	i		EΑ			3			279,120	(837)
Multipurpose A	Athlet	ic Field	EΑ			2			223,917	(448)
Running Path			m2	(SY)				9,000)		(277)
Dining Facilit	У		m2	(SF)		1,527	(	16,440)	3,387	(5,172)
Total from C	Contin	uation page								(18,722)
SUPPORTING FAC	CILITI	<u>ES</u>								3,297
Electric Servi	ce		LS							(641)
Water, Sewer,			LS							(730)
Steam And/Or C	Chille	d Water Dist	LS							(483)
Paving, Walks,	Curb	s & Gutters	LS							(537)
Storm Drainage	2		LS							(314)
_	.6) Dei	no( )	LS							(516)
Information Sy	stems		LS							(37)
Antiterrorism/	'Force	Protection	LS							(39)
ESTIMATED CONT	TRACT (	COST								41,487
CONTINGENCY PERCENT (5.00%)										2,074
SUBTOTAL										43,561
SUPV, INSP & OVERHEAD (6.50%)										2,831
TOTAL REQUEST									46,392	
TOTAL REQUEST (ROUNDED)									46,000	
INSTALLED EQT-OTHER APPROP									( )	
10 Degarintion of Drope						n gunnort	£ -		1	7

10.Description of Proposed Construction Construct troop support facilities: physical fitness center, baseball and multipurpose athletic fields, a dining facility, central vehicle wash facility with oil-water separator; renovate and expand main post office, and convert and expand headquarters buildings. Install intrusion detection systems (IDS) in the post office. Supporting facilities include electric service; storm sewer and surface drainage; district heat lines; paving, walks, curbs and gutters; roads and parking; information systems; and site improvements. Supporting facilities will connect to utility service lines and roads provided to the Brigade Complex area by FY 03 MCA Project Number 55973, Brigade Complex Infrastructure. Air conditioning (400 tons) will be provided by a self-contained system. Anti-terrorism/force protection (AT/FP) measures include laminated glass and traffic control barriers. Access for the handicapped will be provided. Comprehensive interior design services are required.

11. REQ: 9,710 m2 ADQT: 3,436 m2 SUBSTD: 217 m2
PROJECT: Construct and renovate troop support facilities. (Current Mission)

1 (0)(0)(0)(0)						0 0.00	
1.COMPONENT FY 2004 MIL	TTTAE	RY CONSTR	IICTTON T	DO TE	מיים האיים	2.DATE	
ARMY	CI DAIA	06	FEB 2003				
3.INSTALLATION AND LOCATION							
East Camp Grafenwoehr, Germany	(Gra	afenwoehr	)				
4.PROJECT TITLE					5.PROJECT 1	NUMBER	
Brigade Complex - Troop Support	Fac	cilities				5	5974
9. COST ESTIMATES (CONTINUED)							
						Unit	Cost
Item	UM	(M/E)	QUANT	TITY		COST	(\$000)
PRIMARY FACILITY (CONTINUED)							
Post Office Renovation	m2	(SF)	1,208	(	13,000)	891.14	(1,076)
Post Office Additions	m2	(SF)	278.71	(	3,000)	1,782	(497)
Wash Facility	LS						(8,072)
Renovate ASG HQ	m2	(SF)	1,977	(	21,279)	891.15	(1,762)
Renovate Training Command HQ	m2	(SF)	3,969	(	42,727)	891.14	(3,537)
Training Command HQ Addition	m2	(SF)	449.19	(	4,835)	2,011	(903)
Asbestos Removal	LS						(191)
IDS Installation	LS						(45)
Antiterrorism Force Protection	LS						(1,799)
Building Information Systems	LS						(840)
						Total	18,722

REQUIREMENT: This project is required to establish a consolidated Brigade Combat Team (BCT) in Grafenwoehr and to execute US Army, Europe (USAREUR) Efficient Basing East. BCTs are a necessity given the current environment. Additional duties, like the Balkan peacekeeping, limit readily available brigades for immediate mission. USAREUR must increase flexibility, efficiency, and deployability while retaining lethality. By placing a BCT on a single installation collocated with all necessary training facilities for live-fire and with live-fire maneuver training areas, USAREUR will maximize training time, enhance readiness, and reduce operational expenses. Additionally, this reduces risk of injury to soldier by eliminating the need to frequently load and unload heavy vehicles on flat bed cars, as well as travel the German autobahn to coordinate training densities and to participate in annual/semi-annual training exercises. An added benefit will be the closure of 13 small installations which are expensive to maintain. This program will provide all necessary facilities for the BCT in one location. Soldier and family quality of life, which is recognized as a critical readiness factor, will be improved by this multi-year funded program. CURRENT SITUATION: USAREUR units are stationed at widely dispersed installations constructed before or during World War II (WWII). Brigade units are scattered through numerous, widespread locations severely limiting single

installations constructed before or during World War II (WWII). Brigade units are scattered through numerous, widespread locations severely limiting single force lethality and command and control. Widely dispersed installations and facilities require more overhead than one single consolidated location. At least twice a year, units must pack supplies and equipment and transport combat vehicles 300 kilometers via rail to the Major Training Areas in Grafenwoehr and Hohenfels. Management and manning support facilities for these many scattered, small installations drains resources. Most of these small installations are located in exposed positions where proper force protection and anti-terrorist measures become costly or impossible to provide. Vehicles

1.COMPONENT	FY 2004 MILITARY CONSTRUCT	TON PROJECT DATA	Z.DAIE
ARMY	11 2001 MIDITAL CONSTRUCTS	ION INCOLCI BIIII	06 FEB 2003
3.INSTALLATION AN	D LOCATION		
East Camp Graf	Eenwoehr, Germany (Grafenwoehr)		
4.PROJECT TITLE		5.PROJECT N	NUMBER
Brigade Comple	ex - Troop Support Facilities		55974

### CURRENT SITUATION: (CONTINUED)

are maintained in substandard buildings up to 80 years old. Existing buildings are often categorized as non-usable because they do not meet the requirements of modern equipment. The facilities lack structural area able to admit an Abrams tank, and also lack ventilation systems, proper heat, lighting and lifting devices.

IMPACT IF NOT PROVIDED: If this project is not provided, the BCT will continue to be stationed in multiple WWII-era installations that drain maintenance resources and are extremely costly to renovate. This results in increased force protection, Personnel TEMPO and Operations TEMPO costs. Training costs are also increased and readiness degraded due to the distance to the nearest Major Training Areas. Base operations costs will also steadily increase due to the overhead and manpower required to run multiple installations. Split base operations also make Divisional command and control more difficult. Equipment maintenance costs will increase due to the rapidly deteriorating World War II facilities. These facilities continue to be less capable of meeting current Army physical, electrical and data requirements. If this project is not provided, troops will continue excessive amounts of time traveling to and from training sites and deployments and coordinating with headquarters elements, and less time preparing for and accomplishing current missions.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and all required physical security measures are included. Also, all required anti-terrorism/force protection measures are included. An economic analysis was prepared and utilized in evaluating this project. This project is the most cost effective method to satisfy the requirement. This project is located on an enduring installation which will be retained for the foreseeable future. Sustainable principles will be integrated into the design, development, and construction of the project in accordance with Executive Order 13123 and other applicable laws and Executive Orders. JOINT USE CERTIFICATION: The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. This facility will be available for use by other components. Approved standard US Army designs, energy conservation, and environmentally safe measures will be incorporated into this project wherever feasible, practical or required by regulation, Host Nation laws or Status of Forces (SOFA) agreements. A parametric cost estimate based upon project engineering design was used to develop this budget estimate.

<u>NATO SECURITY INVESTMENT:</u> This project is not within an established NATO Infrastructure Category for Common funding, nor is it expected to become eliqible

.COMPONENT						2.DATE	
		<b>FY</b> 2004	MILITARY CONSTR	UCTION PROJE	CT DATA		
ARMY						06 FE	B 200
.INSTALLATION	AND LOC	ATION					
	_						
ast Camp G PROJECT TITL		ehr, Germa	ny (Grafenwoehr	)	5.PROJECT	NUMBER	
PROJECT TITL	E.				5.PROJECI	NUMBER	
cigade Com	plex -	Troop Supr	ort Facilities			559	74
	L -						
SUPPLE	MENTAL	DATA:					
		l Design Da	ıta:				
(1	•						
	(a)		gn Started				
	(b)		Complete As Of J				5.00
	(c)		Designed				
	(d)		gn Complete				
	(e)		c Cost Estimati			osts	YES
	(f)		esign Contract:				
	(g)		study and life d during the fi		anarysis	will be	
		aocumence	a during the rr	nai design.			
(2	) Basi	.s:					
	(a)	Standard	or Definitive D	esign: NO			
(3			cost(c) = (a) + (a)			(\$0	
	(a)		n of Plans and				
	(b)		Design Costs				
	(c) (d)		sign Cost				
	(a) (e)	_					.,490 .,190
	(6)	III nouse.					.,100
( 4	) Cons	truction C	Contract Award			<u>DEC</u>	2003
( 5	) Cons	truction S	start			<u>APR</u>	2004
(6	) Cons	struction C	Completion			<u>MAY</u>	2006
B. Eq	uipment	associate	ed with this pro	ject which w	vill be p	rovided fr	om
other app	ropriat	ions:				_	
<b>-</b> .	i		- ·			al Year	<b>a</b> .
Equipme			Procuring			opriated	Cost
<u>Nomencl</u>	<u>acure</u>		<u>Appropria</u>	LION	<u>Or R</u>	<u>equested</u>	<u>(\$00</u>
			NA				

Installation Engineer: LTC Dwane E. Watsek

1.COMPONENT									2.DATE	
	<b>FY</b> 2	004 <b>MIL</b> I	ITAI	RY CON	ISTRUC	TION I	PROJ	ECT DATA		
ARMY			06	FEB 2003						
3.INSTALLATION AN	D LOCAT	CION	4.PROJECT TITLE							
East Camp Graf	Eenwoe	hr			Br	igade	Com	plex - Ba	arracks	&
Germany (Grafe						int/Si		_		
5.PROGRAM ELEMENT		6.CATEGORY CODE	}	7.PI		NUMBER			COST (\$00	0)
								Auth	30,	000
22396A		721			55	975		Approp	30,	000
			9	O.COST	ESTIMA	res		ı	•	
	ITEM		TIM	(M/E)		MALIO	TITY	1		
PRIMARY FACIL			011	(11/2)		2011				22,959
Barracks			m2	(SF)		5,400	(	58,125)	1,996	
Equipment Stor	rage		m2	(SF)		60	(	645.83)	1,343	(81)
Vehicle Mainte		Shop	m2	(SF)	9	21.13	(	9,915)	2,175	(2,003)
Vehicle Storag	ge She	ds	m2	(SF)	6	60.63	(	7,111)	451.55	
Concrete Apron			m2	(SY)		3,560	(	4,258)	91.10	(324)
Total from Continuation page										(9,473)
SUPPORTING FACILITIES										4,240
Electric Servi	ice		LS							(629)
Water, Sewer,	Gas		LS							(707)
Steam And/Or (	Chille	d Water Dist	LS							(574)
Paving, Walks	, Curb	s & Gutters	LS							(718)
Storm Drainage	=		LS							(431)
Site Imp( 93	37) De	mo()	LS							(937)
Information Sy	ystems		LS							(39)
Antiterrorism	/Force	Protection	LS							(205)
ESTIMATED CONT	TRACT	COST								27,199
CONTINGENCY PR	ERCENT	(5.00%)								1,360
SUBTOTAL										28,559
SUPV, INSP & (	OVERHE	AD (6.50%)								1,856
TOTAL REQUEST										30,415
TOTAL REQUEST	(ROUN	DED)								30,000
INSTALLED EQT-OTHER APPROP										( )
10.Description of Prop	osed Cons	truction Cons	 	ıct fa	  cilit	ies f	or a	Brigade	Combat	Team

10.Description of Proposed Construction Construct facilities for a Brigade Combat Team headquarters and its separate support elements in support of the U.S. Army, Europe (USAREUR) Efficient Basing East (EBE) initiative. Project includes barracks, maintenance and operations facilities, and company headquarters. Renovate a brigade headquarters building. Install an intrusion detection system (IDS). Supporting facilities include utilities; electric service; exterior lighting; sanitary sewer; storm drainage; POL separator; fire protection and alarm system; security fencing, gates and lighting; paving, walks, curbs, and gutters; parking; information systems; and site improvements. Heating will be provided by connection to district heating system. Supporting facilities will connect to utility service lines and roads provided to the Brigade Complex area by FY 03 MCA Project Number 55973, Brigade Complex Infrastructure. Anti-terrorism/force protection measures will be provided by structural reinforcement, special windows and doors, and site measures. Comprehensive interior design services are required. Access for the handicapped will be provided.

11. REQ: 2,369 PN ADQT: 455 PN SUBSTD: 1,914 PN PROJECT: Construct barracks, an organizational vehicle maintenance facility,

1.COMPONENT						2.DATE				
FY 2004 MIL:	ITAR	Y CONSTRU	CTION I	PROJI	ECT DATA					
ARMY						06	FEB 2003			
3.INSTALLATION AND LOCATION										
East Camp Grafenwoehr, Germany (Grafenwoehr)										
4.PROJECT TITLE					5.PROJECT	NUMBER				
Brigade Complex - Barracks & Ma	int/	Support				5	5975			
9. COST ESTIMATES (CONTINUED)										
						Unit	Cost			
Item	UM	(M/E)	QUAN'	ΓΙΤΥ		COST	(\$000)			
PRIMARY FACILITY (CONTINUED)										
Covered Grease Rack	EA		1			90,730	(91)			
Organizational Vehicle Parking,	m2	(SY)	8,391	(	10,035)	91.10	(764)			
POL Separator	EA		1			131,301	(131)			
Fuel Canopy w/Separator	LS						(414)			
Company Operations Facilities	m2	(SF)	2,259	(	24,314)	1,818	(4,107)			
IDS Installation	LS						(177)			
Renovate Brigade Headquarters	m2	(SF)	1,718	(	18,496)	1,105	(1,899)			
Antiterrorism Force Protection	LS						(1,319)			
Building Information Systems	LS						(571)			
						Total	9,473			

## PROJECT: (CONTINUED)

and company operations facilities; and renovate a brigade headquarters. (Current Mission)

REQUIREMENT: This project is required to execute the EBE plan and establish a consolidated Brigade Combat Team (BCT) in Grafenwoehr. This will provide USAREUR with increased flexibility, efficiency, and deployability. It will also allow the closure of several small installations. The maximum and intended utilization of the barracks will be 150 personnel.

CURRENT SITUATION: USAREUR units are stationed at widely dispersed installations constructed before or during World War II (WWII). Brigade units are scattered through numerous, widespread locations severely limiting single force lethality and command and control. Widely dispersed installations and facilities require more overhead than one single consolidated location. At least twice a year, units must pack supplies and equipment and transport combat vehicles 300 kilometers via rail to the Major Training Areas in Grafenwoehr and Hohenfels. Management and manning support facilities for these many scattered, small installations drains resources. Most of these small installations are located in exposed positions where proper force protection and anti-terrorist measures become costly or impossible to provide. Vehicles are maintained in substandard buildings up to 80 years old, which cannot accommodate modern equipment.

IMPACT IF NOT PROVIDED: If this project is not provided, the BCT will continue to be stationed in multiple WWII-era installations, which creates inefficiencies and adversely impacts readiness. Soldiers will also continue to live in substandard conditions.

<u>ADDITIONAL:</u> This project has been coordinated with the installation physical security plan, and all required physical security measures are included. Also, all required anti-terrorism/force protection measures are included. This project is located on an enduring installation which will be retained for the

1.COMPONENT			Z.DAIE
	FY 2004 MILITARY CONSTRUCTION	PROJECT DATA	
ARMY			06 FEB 2003
3.INSTALLATION AN	D LOCATION		
East Camp Graf	enwoehr, Germany (Grafenwoehr)		
4.PROJECT TITLE		5.PROJECT N	IUMBER
Brigade Comple	ex - Barracks & Maint/Support		55975

## ADDITIONAL: (CONTINUED)

foreseeable future. An economic analysis was prepared and utilized in evaluating this project. This project is the most cost effective method to satisfy the requirement. Sustainable principles will be integrated into the design, development, and construction of the project in accordance with Executive Order 13123 and other applicable laws and Executive Orders. JOINT USE CERTIFICATION: The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. Mission requirements, operational considerations, and location are incompatible with use by other components. During the past two years, \$222K was spent on sustainment, restoration and modernization (SRM) (formerly known as Real Property Maintenance (RPM)) of unaccompanied enlisted personnel housing at Grafenwoehr Barracks. Upon completion of this project, the remaining unaccompanied enlisted permanent party peersonnel deficit will be 1,764 soldiers at maximum occupancy at this installation. A parametric cost estimate based upon project engineering design was used to develop this budget

NATO SECURITY INVESTMENT: This project is not within an established NATO infrastructure category for common funding, nor is it expected to become eligible in the foreseeable future.

## 12. SUPPLEMENTAL DATA:

- A. Estimated Design Data:
  - (1) Status:

(a)	Date Design Started	_DEC_	2001
(b)	Percent Complete As Of January 2003	3	35.00
(c)	Date 35% Designed	<u>JAN</u>	2003
(d)	Date Design Complete	_SEP	2003
(e)	Parametric Cost Estimating Used to Develop Costs		YES
(f)	Type of Design Contract: Design-bid-build		

- (g) An energy study and life cycle cost analysis will be documented during the final design.
- (2) Basis:
  - (a) Standard or Definitive Design: YES
  - (b) Where Most Recently Used: USAREUR - Various Locations

(3)	Tota	l Design Cost $(c) = (a)+(b)$ OR $(d)+(e)$ :	(\$000)
	(a)	Production of Plans and Specifications	1,500
	(b)	All Other Design Costs	300
	(c)	Total Design Cost	1,800
	(d)	Contract	960
	(e)	In-house	840

1.COMPONENT	<b>FY</b> 2004	MTT TTADS	Y CONSTRUCTIO	M DDOTE	יריים האים:	2.DA	ΓE				
ARMY	F1 2004	MILLIAK	CONSTRUCTIO	N PROOF	CI DAI	· .	06 FE	B 2003			
3.INSTALLATION	AND LOCATION					•					
East Camp Grafenwoehr, Germany (Grafenwoehr) 4.PROJECT TITLE 5.PROJECT NUMBER											
4.PROJECT TITLE											
Brigade Comp	559	75									
	ENTAL DATA: (C										
	imated Design										
(4) Construction Contract Award <u>DEC 2003</u>											
(	Com = + = + + - =						מחם	2004			
(5) Construction Start								<u> 2004</u>			
(6)	Construction	Completion	on				MAR	2005			
B. Eau	ipment associa	ted with	this project	which w	jill be	provid	led fr	^om			
	opriations:	icca wich	ciiib projece	WIII CII V	VIII DC	PIOVIO	ica II	. Ош			
					Fi	scal Ye	ar				
Equipmen	.t	Pi	rocuring		Ap	propria	ited	Cost			
Nomencla	ture	<u>A</u> 1	<u>opropriation</u>		<u>Or</u>	Or Requested (\$0					
			NA								

1.COMPONENT									2.DATE		
1,00111 0112111	<b>FY</b> 20	004 <b>MIL</b> I	ITAI	RY CO	NST	RUCTION	PROJ	ECT DATA	-		
ARMY						06 FEB 2003					
3.INSTALLATION AND LOCATION						4.PROJEC	T TITLE		- 00		2003
Heidelberg Hospital											
Germany (Heide	_	)				Barrac	ks - 1	Heidelbe	ra Hospi	tal	
5.PROGRAM ELEMENT		6.CATEGORY CODE	:	7.F	ROJ	ECT NUMBE		8.PROJECT			
		0.0111200111 0001	•	/ • •	1100	201 1101121		Auth	17,	,	
22396A		721				56775		Approp	17,		
22370A		721	9	O.COST	ST ESTIMATES						
	ITEM		TIM	/M/E)	I	OT.	יא אייי דיייע				
PRIMARY FACIL			UM	(M/E)	$\vdash$	Qu	JANTITY				12,805
Barracks	<del></del>		m 2	(SF)		4.89	6 (	52,700)	1,984		(9,716)
Company Operat	ions 7	Area		(SF)				12,901)			(2,236)
IDS Installati			LS	(21)		_,_,		,_,			(29)
Antiterrorism		Protection	LS								(598)
Building Information Systems			LS								(226)
		2 2 2 2 2 3 3 3									(,
SUPPORTING FAC	CILITII	ES									2,256
Electric Servi			LS								(192)
Water, Sewer,	Gas		LS								(78)
Steam And/Or (	Chilled	d Water Dist	LS								(345)
Paving, Walks,	Curb	s & Gutters	LS							(635)	
Storm Drainage	2		LS								(37)
Site Imp( 29	92) Der	no( 290)	LS								(582)
Information Sy	stems		LS								(22)
Antiterrorism	Force	Protection	LS								(365)
ESTIMATED CONT	TRACT (	COST									15,061
CONTINGENCY PR	ERCENT	(5.00%)									753
SUBTOTAL											15,814
SUPV, INSP & C	OVERHE	AD (6.50%)									1,028
TOTAL REQUEST											16,842
TOTAL REQUEST	(ROUNI	OED)									17,000
INSTALLED EQT-OTHER APPROP											( )
10 Degarintion of Dron		Com	~	1a+ a	lo -		' + la	dompant			

10.Description of Proposed Construction Construct a barracks, with company operations area in the basement floor. Install an intrusion detection system (IDS). Supporting facilities include utilities; electric service; exterior lighting; street lighting; fire protection and alarm systems; access road; paving, walks, curbs and gutters; parking; storm drainage; information systems and site improvements. Heating will be provided by connection to the existing district heat system. Anti-terrorism/force protection will be provided by structural reinforcement, special windows and doors, and site measures. Demolish three buildings (31,037 GSF). Comprehensive interior design services are required. Access for the handicapped will be provided.

PROJECT: Construct a barracks. (Current Mission)

<u>REQUIREMENT:</u> This project is required to provide living and working conditions for soldiers that meet current standards. Maximum utilization is 136 soldiers, and the intended utilization is 110 E1-E4s and 13 E5-E6s.

<u>CURRENT SITUATION:</u> The capacity of existing barracks at this installation will be reduced as they are modernized to current standards. This will create a deficit that requires construction of a new barracks. There are no

1.COMPONENT	.COMPONENT  FY 2004 MILITARY CONSTRUCTION PROJECT DATA								
ARMY	11 200	1 MIDITALI COMPINACTION	TROOLET BILL	06 FEB 2003					
3.INSTALLATION AND LOCATION									
Heidelberg Hos	spital, Ger	many (Heidelberg)							
4.PROJECT TITLE	NUMBER								
Barracks - He:	idelberg Ho	spital		56775					

#### CURRENT SITUATION: (CONTINUED)

facilities on the installation that can be converted to barracks, nor are there any facilities located nearby that could satisfy the requirement. IMPACT IF NOT PROVIDED: If this project is not provided, soldiers will be forced to either live in overcrowded conditions or far away from their duty station, which will adversely impact morale, retention, and readiness. ADDITIONAL: This project has been coordinated with the installation physical security plan, and all physical security measures are included. Also, all required anti-terrorism/force protection (AT/FP) measures are included. This project is consistent with force structure plans. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement. Sustainable principles will be integrated into the design, development, and construction of the project in accordance with Executive Order 13123 and other applicable laws and Executive Orders. JOINT USE CERTIFICATION: The Deputy Assistant Secretary of the Army(Installations and Housing) certifies that this project has been considered for joint use potential. Mission requirements, operational considerations, and location are incompatible with use by other components. During the past two years, \$96K was spent on sustainment, restoration and modernization (SRM) of unaccompanied enlisted personnel housing at Heidelberg Hospital. Upon completion of this project, the remaining unaccompanied enlisted permanent party personnel deficit will be 168 soldiers at maximum occupancy at this installation. A parametric cost estimate based upon project engineering design was used to develop this budget estimate. NATO SECURITY INVESTMENT: This project is not eligible for NATO infrastructure support nor is it expected to become eligible in the foreseeable future.

## 12. SUPPLEMENTAL DATA:

- A. Estimated Design Data:
  - (1) Status:

(a)	Date Design Started	APR 2002
(b)	Percent Complete As Of January 2003	30.00
(c)	Date 35% Designed	JAN 2003
(d)	Date Design Complete	AUG 2003
(e)	Parametric Cost Estimating Used to Develop Costs	YES

- (f) Type of Design Contract: Design-bid-build
- (g) An energy study and life cycle cost analysis will be documented during the final design.
- (2) Basis:
  - (a) Standard or Definitive Design:
  - (b) Where Most Recently Used: USAREUR - Various Locations

1.COMPONENT			2.DATE							
	FY 2004 MILITARY CONSTRUCTION PROJE	CT DATA								
ARMY			06 FEB 2003							
3.INSTALLATION AN	D LOCATION		00 FEB 2003							
J.INSTALLATION AN	3.2.0.1.22.1.20.1.1.20.1.20.1.20.1.									
Heidelberg Hospital, Germany (Heidelberg)										
4.PROJECT TITLE 5.PROJECT NUMBER										
Barracks - He:	idelberg Hospital		56775							
·										
12. SUPPLEMEN	NTAL DATA: (Continued)									
A. Estir	nated Design Data: (Continued)									
(3)	Total Design Cost (c) = $(a)+(b)$ OR $(d)+(e)$	e):	(\$000)							
	(a) Production of Plans and Specification	ons	600							
	(b) All Other Design Costs									
	(c) Total Design Cost									
	(d) Contract									
	(e) In-house		250							
(4)	Construction Contract Award		<u>DEC 2003</u>							
(5)	Construction Start		M7D 2004							
(3)	Constituction State		<u>MAR 2004</u>							
(6)	Construction Completion		<u>JUN 2005</u>							
B. Equir	ement associated with this project which we	will be pr	covided from							
other approp		viii be pi	TOVIGED TIOM							
ocher approp	71 14010110 -	Ficas	ıl Year							
Earliannes	Droguring									
Equipment	Procuring		opriated Cost							
<u>Nomenclat</u> ı	<u>Appropriation</u>	<u>Or Re</u>	equested (\$000)							
	NA									

NA

Installation Engineer: Frank Webb D/DPW

1.COMPONENT									2.DATE	
	<b>FY</b> 2	004 <b>MILI</b>	TAR	Y CON	ISTE	RUCTION	PROJ	ECT DATA		
ARMY									06	FEB 2003
3.INSTALLATION AND	D LOCAT	ION				4.PROJEC	T TITLE	1		
Hohenfels Trai	ining .	Area								
Germany (Hohen	ıfels)					Physic	al Fit	tness Tra	aining C	enter
5.PROGRAM ELEMENT	1	6.CATEGORY CODE		7.PF	ROJE	CT NUMBE	R	8.PROJECT	COST (\$00	0)
		1						Auth	13,	200
22396A		742				46815		Approp	13,	200
			9.	COST 1	ESTI	MATES				
	ITEM		UM	(M/E)		QU	JANTITY			
PRIMARY FACILI										10,518
Physical Fitne		_		(SF)		5,15	6 (	55,500)	1,949	, ,
Antiterrorism			LS							(123)
EMCS Connection	on		LS							(307)
Building Infor	rmatio	n Systems	LS							(41)
SUPPORTING FAC							<del>_</del>			1,355
Electric Servi			LS							(205)
Water, Sewer,			LS							(146)
Steam And/Or C			LS							(455)
Paving, Walks,		s & Gutters	LS							(147)
Storm Drainage	جَ خ	!	LS							(34)
Site Imp( 23	38) De	mo( 104)	LS							(342)
Information Sy	stems	!	LS							(9)
Antiterrorism/	/Force	Protection	LS							(17)
ESTIMATED CONT	TRACT	COST								11,873
CONTINGENCY PE	ERCENT	(5.00%)								<u>594</u>
SUBTOTAL		!								12,467
SUPV, INSP & C	)VERHE	AD (6.50%)								810
TOTAL REQUEST		!								13,277
TOTAL REQUEST	(ROUN	DED)								13,200
INSTALLED EQT-	-OTHER	APPROP								( )
10.Description of Propo	osed Const	cruction Cons	truc	ct a	sta	ndard-	design	n, small	physica	1

fitness facility. Provide connection for energy monitoring and control system (EMCS). Supporting facilities include utilities; electric service and area lighting; fire protection and alarm system; paving, walks, curbs and gutters; parking; storm drainage; information systems; and site improvements. Anti-terrorism/force protection (AT/FP) measures include laminated glass and barriers. Access for the handicapped will be provided. Heating will be provided by district heat. Air conditioning (350 tons) will be provided by a self-contained system. Demolish two buildings (5,808 SF). Comprehensive interior design services are required.

11. REQ: 6,020 m2 ADQT: 2,457 m2 SUBSTD: 1,548 m2

PROJECT: Construct a standard-design, small physical fitness center. (Current
Mission)

<u>REQUIREMENT:</u> This project is required to provide adequate physical fitness facilities for personnel assigned to barracks, family housing, administrative offices of the Combat Maneuver Training Complex. The Hohenfels community consists of approximately 6,600 personnel.

1.COMPONENT	<b>FY</b> 2004	MILITARY CONSTRUCTION		מיית האיים	Z.DAIE
ARMY	F1 2004	MILITARY CONSTRUCTION	PROOF	JI DAIA	06 FEB 2003
3.INSTALLATION AN	D LOCATION				
Hohenfels Trai	ining Area, Ge	ermany (Hohenfels)			
4.PROJECT TITLE			!	5.PROJECT 1	NUMBER
Physical Fitne	ess Training (	Center			46815

CURRENT SITUATION: Physical fitness facilities are scattered in several buildings. The existing installation assets serving a military population of 6,594 persons consist of a gymnasium and weight training facility at the main post, Camp Nainhof. Additionally, a substandard mini gymnasium, providing half basketball court and a small room for weight training, is located in the billeting area of the 1/4 Infantry Battalion at Camp Unteroedenhardt. A former warehouse was recently diverted for boxing and other sports activities. Existing adequate facilities provide only 45 percent of the space needed for physical fitness. During training rotations the number of people utilizing the existing facilities increases by 600 persons per day, creating overcrowding, especially at the main post field house.

IMPACT IF NOT PROVIDED: If this project is not provided, soldiers assigned to this remote installation will not have an adequate facility in which to conduct physical fitness programs, organized indoor sports, or pursue individual fitness activities during off-duty hours. This will continue to adversely affect physical conditioning; quality-of-life, health and morale, and ultimately adversely effect retention rates and combat readiness. This project has been coordinated with the installation physical ADDITIONAL: security plan, and all physical security measures are included. Also, all required anti-terrorism/force protection (AT/FP) measures are included. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement. Sustainable principles will be integrated into the design, development, and construction of the project in accordance with Executive Order 13123 and other applicable laws and Executive Orders. JOINT USE CERTIFICATION: The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. This facility will be available for use by other components. A parametric cost estimate based upon project engineering design was used to develop this budget estimate.

<u>NATO SECURITY INVESTMENT:</u> This project is not within an established NATO Infrastructure Category for Common Funding, nor is it expected to become eligible.

### 12. SUPPLEMENTAL DATA:

- A. Estimated Design Data:
  - (1) Status:

(a)	Date Design Started	<u>FEB 2002</u>
(b)	Percent Complete As Of January 2003	30.00
( a )	Data 25% Dagigned	EED 3003

- (e) Parametric Cost Estimating Used to Develop Costs _____YES
- (f) Type of Design Contract: Design-bid-build
- (g) An energy study and life cycle cost analysis will be documented during the final design.

		1			I a ====	
1.COMPONEN	IT	EX 2004 MILTER	ARY CONSTRUCTION PROJE	Cm Dama	2.DATE	
ARMY	-	FY 2004 MILIT	ARI CONSTRUCTION PROJE	CI DAIA	06 ድድ	в 2003
		L ND LOCATION			00 FE	Б 2003
Hohenfel	s Tra	ining Area, Germany	(Hohenfels)			
4.PROJECT			(11011111111111111111111111111111111111	5.PROJECT I	NUMBER	
Physical	Fitn	ess Training Center			468	15
12. SUP	PLEME	NTAL DATA: (Continue	d)			
Α.		mated Design Data: (				
	(2)	Basis:				
		(a) Standard or De	finitive Design: YES			
		(b) Where Most Rec	ently Used:			
		Fort Knox				
	(2)	m-+-1 D	)	. \ •	( 0.0	00)
	(3)	_	c) = (a)+(b) OR (d)+(e Plans and Specification		(\$0	
			gn Costs			
			ost			
	(4)		ct Award			
	(1)	Constituetion Contra	ct Award		<u>DEC</u>	2005
	(5)	Construction Start.			<u>APR</u>	2004
	(6)	Construction Comple	tion		<u>JUN</u>	2005
B. other		pment associated wit priations:	h this project which w	vill be p	rovided fr	om
OCIICI	appr 0	PT 14610110.		Fisca	al Year	
Equi	.pment		Procuring		opriated	Cost
_	nclat	<u>ure</u>	<u>Appropriation</u>		equested	(\$000)
			NA			

Installation Engineer: JOSEPH C. CANSLER

1.COMPONENT									2.DATE	
	<b>FY</b> 2	004 <b>MIL</b> :	ITAF	RY C	ONSI	RUCTION I	ROJ	ECT DATA		
ARMY									06	FEB 2003
3.INSTALLATION AND	LOCAT	ION				4.PROJECT	TITLE	1		
Sullivan Barra	cks									
Germany (Mannhe	eim)					Barracks	s - S	Sullivan	205	
5.PROGRAM ELEMENT		6.CATEGORY CODE	]	7	.PROJ	ECT NUMBER		8.PROJECT	COST (\$00	0)
								Auth	4,	300
22396A		721				52620		Approp	4,	300
			9	.cos	T EST	IMATES				
	ITEM		UM	(M/E	Ξ)	QUAN	TITY			
PRIMARY FACILI	ΓY									3,412
Renovate Barra			m2	(SF	)	1,992		21,443)	1,130	(2,252)
Renovate Compai	ny Opa	s Area	m2	(SF	)	702.07	(	7,557)	1,130	(794)
IDS Installation	on		LS							(25)
Asbestos Abater	ment		LS							(51)
Antiterrorism 1			LS						(184)	
Building Inform	matio	n Systems	LS							(106)
SUPPORTING FAC:	ILITI	<u>ES</u>								415
Water, Sewer, (			LS							(87)
Paving, Walks,			LS							(215)
Site Imp( 2'		mo( 58)	LS							(85)
Information Sys			LS							(13)
Antiterrorism/	Force	Protection	LS							(15)
ESTIMATED CONTI										3,827
CONTINGENCY PER	RCENT	(5.00%)								191
SUBTOTAL		/6 500;								4,018
SUPV, INSP & O	VERHE	AD (6.50%)								261
TOTAL REQUEST	/ D.C.===	DED )								4,279
TOTAL REQUEST										4,300
INSTALLED EQT-0	OTHER	APPROP								( )
10.Description of Propos		20.7	<u> </u>		_	rracks in				

10.Description of Proposed Construction Modernize a barracks including a company operations area with arms rooms. Install an intrusion detection system (IDS). Supporting facilities include fire protection and alarm systems; paving, walks, curbs and gutters; minor repairs of building utility connections; parking; information systems; and site improvements. Demolish one building (4,393 SF) with asbestos removal. Heating will be provided by connection to the existing district heat system. Anti-terrorism/force protection (AT/FP) will be provided by structural reinforcement, special windows and doors, and site measures. Comprehensive interior design services are required.

11. REQ: 1,941 PN ADQT: 1,489 PN SUBSTD: 452 PN PROJECT: Modernize an existing barracks building. (Current Mission)

REQUIREMENT: This project is required to provide living and working conditions for soldiers that meet current standards. Maximum utilization is 43 soldiers, and the intended utilization is 35 E1-E4s and 4 E5-E6s.

CURRENT SITUATION: This gang latrine barracks was built in 1938 for the German Army and it has a layout that does not meet current standards for space and privacy. It also has deteriorated and inadequate building components and utility systems that require intensive maintenance.

1.COMPONENT	FY	2004	MILITARY CONSTRUCTION	PROJEC	ביים די	Z.DATE
ARMY		2001	millimi construction	11001		06 FEB 2003
3.INSTALLATION AN	D LOCATIO	N				
Sullivan Barra	acks, Ge	ermany	(Mannheim)			
4.PROJECT TITLE				ĩ	.PROJECT 1	NUMBER
Barracks - Sul	llivan 2	205				52620

IMPACT IF NOT PROVIDED: If this project is not provided, soldiers will continue to live and work in substandard and deteriorated facilities which will adversely impact morale, retention, and readiness.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and all required physical security measures are included. Also, all anti-terrorism/force protection measures are included. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement. Sustainable principles will be integrated into the design, development, and construction of the project in accordance with Executive Order 13123 and other applicable laws and Executive Orders. JOINT USE CERTIFICATION: The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. Mission requirements, operational considerations, and location are incompatible with use by other components. During the past two years, \$420K has been spent on sustainment, restoration and modernization (SRM) (formerly known as Real Property Maintenance) of unaccompanied enlisted personnel housing at Sullivan Barracks. Upon completion of this project, the remaining unaccompanied enlisted permanent party personnel deficit will be 409 soldiers at maximum occupancy at this installation. A parametric cost estimate based upon project engineering design was used to develop this budget estimate.

<u>NATO SECURITY INVESTMENT:</u> This project is not within an established NATO infrastructure category for common funding, nor is it expected to become eliqible in the foreseeable future.

## 12. SUPPLEMENTAL DATA:

- A. Estimated Design Data:
  - (1) Status:

(a)	Date Design Started	MAR 2001
(b)	Percent Complete As Of January 2003	30.00
(c)	Date 35% Designed	FEB 2003
(d)	Date Design Complete	AUG 2003
(e)	Parametric Cost Estimating Used to Develop Costs	YES

- (f) Type of Design Contract: Design-bid-build
- (g) An energy study and life cycle cost analysis will be documented during the final design.
- (2) Basis:
  - (a) Standard or Definitive Design: NO

(3)	Tota	1 Design Cost $(c) = (a)+(b)$ OR $(d)+(e)$ :	(\$000)
	(a)	Production of Plans and Specifications	230
	(b)	All Other Design Costs	210
	(c)	Total Design Cost	440
	(d)	Contract	270

1.COMPONENT							2.DATE		
	FY	2004	MILITAR	Y CONSTRUCTION	PROJE	CT DATA			
ARMY							06 FE	B 2003	
3.INSTALLATION AN	ND LOCATION	ON							
Sullivan Barracks, Germany (Mannheim)									
4.PROJECT TITLE 5.PROJECT NUMBER									
Barracks - Su	llivan :	205					526	520	
					•				
12. SUPPLEME	NTAL DA	TA: (Co	ontinued)						
A. Estir	mated De	esiqn I	Data: (Co	ntinued)					
		_						170	
	<b>,</b> - <i>,</i>								
(4)	Constr	uction	Contract	Award			<u>DEC</u>	2003	
(5)	Constr	uction	Start				<u>FEB</u>	2004	
(6)	Constr	uction	Completi	on			<u>APR</u>	2005	
B. Equip	nment a	ggogjat	-ed with	this project w	which w	ill be pr	rowided fr	· Om	
other approp	_		Jea with	chis project v	VIII CII W	III be pi	Ovided II	· Otti	
orner approp	ριταιΙΟΙ	112.				Ti c	ıl Year		
n			_					Q	
Equipment				rocuring			priated	Cost	
<u>Nomenclat</u> ı	<u>ure</u>		<u>A</u>	<u>ppropriation</u>		<u>Or Re</u>	equested	<u>(\$000)</u>	
				NA					

Installation Engineer: LTC. JAMES F. DUTTWEILER Phone Number: DSN 387-1360
PREVIOUS EDITIONS MAY BE USED INTERNALLY
UNTIL EXHAUSTED

1 0040000000								0 53.00		
1.COMPONENT	EV O	004 <b>MTT</b> :	T TT X T	37 AC	NUMBRICATION	DDO T		2.DATE		
7. 17. 14.5.7	FI Z	004 <b>MIL</b>	LIAF	CI CO	NSTRUCTION	PROU.	ECI DAIA		EED 00	102
ARMY 3.INSTALLATION AN	דיטטאים	TON			4.PROJECT	יידייד.	י	06	FEB 20	103
					4.FROOLCI	11111				
Schweinfurt Tr	_				M-3161-	J D-		- D		
Germany (Schwe 5.PROGRAM ELEMENT		6.CATEGORY CODE			MOGILLE PROJECT NUMBER	a Re	cord Fire	COST (\$00	.0.)	
5.PROGRAM ELEMENT		6.CATEGORY CODE	i	/	PROJECT NUMBER				,	
000107		1.50			F 2 0 4 0		Auth Approp		500	
22212A		178		2025	53940		11551.05	7,	500	
9.COST ESTIMATES										
-	ITEM		UM	(M/E	QUAI	YTITV				
PRIMARY FACILI										,260
Firing Points		mplacements	FP					127,012		,524)
Protective Ber	rms		m3	(CY)	14,488	(	18,950)	10.06	(	(146)
Construct Baff	les		EΑ		9			194,216	(1,	,748)
Construct Bull	Let Ca	tch	LS						(	(531)
Operations/Sto	rage :	Facility	m2	(SF)	139.35	(	1,500)	2,116	(	(295)
Building Infor	rmatio	n Systems	LS							(16)
SUPPORTING FAC	CILITI	ES							2,	,446
Electric Servi	Lce		LS						(	(374)
Water, Sewer,	Gas		LS						(	(267)
Paving, Walks,	Curb	s & Gutters	LS						(	(479)
Site Imp( 1,01			LS							,101)
Information Sy		,	LS							(225)
									`	,
ESTIMATED CONT	TRACT (	COST	+						6	,706
CONTINGENCY PE									٠,	335
SUBTOTAL	arcenii i	(3.00%)							7	,041
SUPV, INSP & (	W. LOUL	7D (6 50%)							′ ,	458
TOTAL REQUEST	) V E1(11E)	(0.50%)							7	,499
TOTAL REQUEST	/ DOTINT	DED /								,500
· -									/ ,	
INSTALLED EQT-	-OIHER	APPROP								( )
					10 1	- 11 E		:	/ MED. )	
10.Description of Prop					12-lane, m					
range includir										
positions, bac	_				_		_	_		
the Remote Tar										
include utilit										
information sy										-
be provided fo										
of support fac										
tunnel, baffle					_		_			
to a relativel	ly und	eveloped, rem	note	e sit	e, and perf	orm	the site	work ne	cessary	7
for this range	e faci	lity. Target:	cy v	vill	be funded by	y Otl	her Proc	urement,	Army	
(OPA).										
11. REQ:		12 FP ADQ	Γ:		NONE	SI	UBSTD:		20 F	P
PROJECT: Cons	struct	a modified	reco	ord f	ire range a	t the	e Dittell	brunn Ra	nge	
Area, Schweinf					_					
REQUIREMENT:					e an improv	ed r	ifle mar	ksmanshi	p	
training and o										

I.COMPONENT	<b>FY</b> 2004	MTT.TTARY	CONSTRUCTION	PROJE	T DATA	2.DATE		
ARMY	11 2001		001101110011011	11.002	J. J	06	5 FEB	2003
3.INSTALLATION AN	D LOCATION							
Schweinfurt Tr	ng Areas (23)	), Germany	(Schweinfurt	(,)				
4.PROJECT TITLE					5.PROJECT	NUMBER		
Modified Recor	d Fire Range						53940	

### REQUIREMENT: (CONTINUED)

M16A1/A2 and M4/M4A1 rifles. Upgrade M249 Squad Assault Weapon 10 meter firing and qualification. This capability is vital to the USAREUR individual marksmanship program, is mission essential, and urgently required. This project will provide USAREUR soldiers with modern marksmanship training and qualification facilities and gives commanders the ability to qualify a firing order in less than 20 minutes.

CURRENT SITUATION: Currently, conduct of rifle marksmanship is on a pre-World War II (WWII) vintage known distance range, inadequate in size and structure to support the requirements of modern weapons qualification in accordance with US Army training requirements and standards. The Dittelbrunn Range, originally built in a rural setting, is encircled with regional development, including housing areas, public roads, and recreation areas. The local development around the range area forces the installation to construct extensive earth berms and concrete, wood-faced baffles to eliminate the possibility of stray bullets and ricochets from leaving the range area. IMPACT IF NOT PROVIDED: If this project is not provided, marksmanship training will continue to be conducted on a degraded facility that has failed to keep pace with weapons fielding and doctrinal Army qualification requirements and is inadequate to support Army Standard 300-meter record fire marksmanship training and qualification. Its use will result in the continued loss of training time and significant costs relating to the maintenance of an inadequate facility. Without the modernization of this range, marksmanship training will continue to use the practices of the 1930s.

ADDITIONAL: This project was coordinated with the installation physical security plan, and all required physical security measures are included. No anti-terrorism/force protection measures are required. Alternative methods of meeting this requirement were explored during project development. This project is the only feasible option to meet the requirement. Sustainable principals will be integrated into the development, design, and construction of the project in accordance with Executive Order 13123 and other applicable laws and Executive Orders. JOINT USE CERTIFICATION: The Deputy Assistant Secretary of the Army(Installation and Housing)certifies that this project has been considered for joint use potential. This facility will be available for use by other components. A parametric cost estimate based upon project engineering design was used to develop this budget estimate.

<u>NATO SECURITY INVESTMENT:</u> This project is not within an established NATO infrastructure category for common funding, nor is it expected to become eligible.

1.COMPONENT						2.DATE	
	FY	2004 <b>M</b>	ILITARY CONST	RUCTION PROJE	CT DATA		
ARMY						06 FI	EB 2003
B.INSTALLATION A	AND LOCATI	ON					
Schweinfurt T	Trna Are	as (23).	Germany (Schw	einfurt)			
PROJECT TITLE		(== //	( 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		5.PROJECT	NUMBER	
Modified Reco	ord Fire	Range				539	940
() CIIDDI EME	יגרו דגייינאי.	<b>Ͳ</b> λ•					
<u>L2. SUPPLEME</u> A. Esti		esign Dat	·a:				
(1)	Status						
, ,	(a) D	ate Desid	n Started			JAN	2002
			omplete As Of				30.00
	(c) D	ate 35% I	esigned			<u>FEB</u>	2003
	(d) D	ate Desig	n Complete			<u>NOV</u>	2003
	(e) P	arametric	Cost Estimat	ing Used to D	evelop C	osts	YES
			sign Contract				
			study and lif		analysis	will be	
	d	ocumented	l during the f	inal design.			
(2)	Basis:						
( - /		tandard c	or Definitive	Design: NO			
				_			
(3)			st (c) = (a) +			٠.	000)
			of Plans and				
			Design Costs.				
			.gn Cost				
	` '	_	• • • • • • • • • • • • • • • • • • • •				<u>370</u>
	(e) I:	n-nouse	• • • • • • • • • • • • • • • • • • • •			• • • • • • • • • • • • • • • • • • • •	160
(4)	Constr	uction Co	ontract Award.			<u>DEC</u>	2003
(5)	Constr	uction St	art			<u>APR</u>	2004
(6)	Constr	uction Co	ompletion			<u>AUG</u>	2005
B. Equi			l with this pr	oject which w	ill be b	rovided fi	rom
ocher appro	PT TACTO	110 •			Fisc	al Year	
Equipment	_		Procurin	q		opriated	Cost
Nomenclat			Appropri			<u>equested</u>	(\$000)
			AN				

Installation Engineer: Mr. Robin Fisher

1.COMPONENT									2.DATE	
	<b>FY</b> 20	004 <b>MIL</b> I	TAF	RY CC	NSI	RUCTION	PROJ	ECT DATA		
ARMY									06	FEB 2003
3.INSTALLATION AND	D LOCAT	ION				4.PROJECT	TITLE	1	1 33	122 2000
Leighton Barra	icks									
Germany (Wuerz						Barrack	s - 1	Leighton		
5.PROGRAM ELEMENT		6.CATEGORY CODE		7.	PROJ	ECT NUMBER			COST (\$00	0)
								Auth	18,	500
22369A		721				54286		Approp	18,	
		,	9	.COST	EST	'IMATES			207	
ITEM UM (M/E) QUANTITY										
PRIMARY FACILI			OIVI	(1-1/E	/	QUA	71777			14,066
Barracks			m2	(SF)		5,400	(	58,125)	1,949	•
Company Operat	ions A	Area		(SF)		1,384			1,826	
Equipment Stor				(SF)		59.92		645)	1,343	(80)
IDS Installati	_		LS	, ,				,		(28)
Antiterrorism	Force	Protection	LS							(662)
Building Infor	matio	n Systems	LS							(246)
SUPPORTING FAC										2,608
Electric Servi	.ce		LS							(205)
Water, Sewer,	Gas		LS							(263)
Steam And/Or C	hille	d Water Dist	LS							(234)
Paving, Walks,	Curb	s & Gutters	LS							(877)
Storm Drainage	2		LS							(64)
Site Imp( 66	(2) Der	mo( )	LS							(662)
Information Sy	stems		LS							(98)
Antiterrorism/	Force	Protection	LS							(205)
ESTIMATED CONT	RACT (	COST								16,674
CONTINGENCY PE	RCENT	(5.00%)								<u>834</u>
SUBTOTAL										17,508
SUPV, INSP & O	VERHE	AD (6.50%)								1,138
TOTAL REQUEST										18,646
TOTAL REQUEST										18,500
INSTALLED EQT-	NSTALLED EQT-OTHER APPROP									( )
	osed Const					rracks i				

10.Description of Proposed Construction Construct a barracks including equipment storage area, and a company operations area with arms rooms. Install an intrusion detection system (IDS). Supporting facilities include utilities; electric service; exterior lighting; fire protection and alarm systems; sanitary sewer; storm drainage; access road; paving, walks, curbs and gutters; parking; information systems; and site improvements. Heating will be provided by connection to the existing district heat system. Anti-terrorism/force protection will be provided by structural reinforcement, special windows and doors, and site measures. Comprehensive interior design services are required. Access for the handicapped will be provided.

PROJECT: Construct a barracks. (Current Mission)

<u>REQUIREMENT:</u> This project is required to provide living and working conditions for soldiers that meet current standards. Maximum and intended utilization is 150 soldiers.

<u>CURRENT SITUATION:</u> The capacity of existing barracks at this installation will reduce as they are modernized to current standards. This will create a deficit that requires construction of a new barracks. There are no facilities

1.COMPONENT	FY	2004	MTT.TTARY	CONSTRUCTION	PROJECT	рата	2.DATE		
ARMY		2001		001101110011011	11100201		06	FEB	2003
3.INSTALLATION AN	D LOCATIO	N							
Leighton Barra	ıcks, Ge	ermany	(Wuerzbur	g)					
4.PROJECT TITLE					5.1	PROJECT 1	NUMBER		
Barracks - Lei	.ghton							54286	5

### CURRENT SITUATION: (CONTINUED)

on the installation that can be converted to barracks, nor are there any facilities located nearby that could satisfy the requirement. IMPACT IF NOT PROVIDED:
If this project is not provided, soldiers will be forced to either live in overcrowded conditions or far away from their duty station, which will adversely impact morale, retention, and readiness. ADDITIONAL: This project has been coordinated with the installation physical security plan, and all physical security measures are included. Also, all required Anti-Terrorism/Force Protection measures are included. Alternative methods of meeting this requirement have been explored during period development. This project is the only feasible option to meet the requirement. Sustainable principles will be integrated into the design, development, and construction of the project in accordance with Executive Order 13123 and other applicable laws and Executive Orders. JOINT USE CERTIFICATION: The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. Mission requirements, operational considerations, and location are incompatible with use by other components. During the past two years, \$0.5M has been spent on sustainment, restoration and modernization (SRM) (formerly known as Real Property Maintenance) of unaccompanied enlisted personnel housing at Leighton Barracks. Upon completion of this project, the remaining unaccompanied enlisted permanent party personnel deficit will be 219 soldiers at maximum occupancy at this installation. A parametric cost estimate based upon project engineering design was used to develop this budget estimate. NATO SECURITY INVESTMENT: This project is not within an established NATO infrastructure category for common funding, nor is it expected to become

eligible in the foreseeable future.

## 12. SUPPLEMENTAL DATA:

- A. Estimated Design Data:
  - (1)Status:

(a)	Date Design Started	<u> </u>
(b)	Percent Complete As Of January 2003	30.00
(C)	Date 35% Designed	FEB 2003
( 7 )		

- (e) Parametric Cost Estimating Used to Develop Costs _____YES
- (f) Type of Design Contract: Design-bid-build
- (g) An energy study and life cycle cost analysis will be documented during the final design.
- (2) Basis:
  - (a) Standard or Definitive Design: YES
  - (b) Where Most Recently Used: Coleman Barracks GE140

(a) Date Degian Started

TITM 2001

1.COMPONENT				2.DATE	
	FY 2004 MILITA	ARY CONSTRUCTION PROJE	CT DATA		
ARMY				06 FE	в 2003
3.INSTALLATION AN	D LOCATION				
Leighton Barra	acks, Germany (Wuerz	hura)			
4.PROJECT TITLE	terib, cermany (macra	Sarg,	5.PROJECT N	TIMBER	
1.11.00001 1112			3.1100201		
Decrease Today	t alla er a a			F40	0.6
Barracks - Lei	ignton			542	86
10 011001 51451		7.			ļ
	NTAL DATA: (Continue	•			l
	mated Design Data: (	•			ļ
(3)	Total Design Cost (	c) = (a) + (b) OR (d) + (e)	∍):	(\$0	00)
	(a) Production of 3	Plans and Specification	ons		<u>825</u>
	(b) All Other Design	gn Costs		· · ·	285
		ost			
	` '				
	(e) III IIOuse			• • • • • • • • • • • • • • • • • • • •	_ 3 / 0
(4)	Construction Contra	ct Award		DEC	2003
` '					
(5)	Construction Start.			<u>APR</u>	2004
(6)	Construction Comple	tion		<u>JUL</u>	2005
B. Equip	pment associated with	h this project which w	vill be pr	ovided fr	om
other approp	oriations:				
			Fisca	ıl Year	
Equipment		Procuring		priated	Cost
Nomenclatu	120	Appropriation		guested	(\$000)
MOMETICIACO	<u>ire</u>	Appropriacion	OT VE	equestea	(3000)
		NA			

Installation Engineer: William K. Holz

## DEPARTMENT OF THE ARMY FISCAL YEAR 2004

# MILITARY CONSTRUCTION (PART I) (DOLLARS ARE IN THOUSANDS)

STATE	PROJECT NUMBER	INSTALLATION (COMMAND/REGION) PROJECT TITLE	Al	JTHORIZATION REQUEST	APPROPRIATION REQUEST		
Italy	53881	Italy Various (USAREUR/EURO) Aviano Air Base Joint Deployment Facility		15,500	15,500	С	231 233
	58493	Livorno Livorno Supply & Maint Area  Vehicle Maintenance Facility		22,000	22,000	С	236
		Subtotal Italy Various PART I	\$	37,500	37,500		
		* TOTAL MCA FOR Italy	\$	37,500	37,500		

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. COMPONENT	I F	Y 2004-2005 MILI	TARY CONSTR	JCTION PF	ROGRAM		2. DA	TE
ARMY								FEB 2003
INSTALLATION AND I	OCATION	4. COMMANI	D				5. AR	EA CONSTRUCTION
								ST INDEX
Italy Various		US Army Europe	and Sevent	n Armv				
Italy		(Installation I		_	none Re	aion)		1.22
reary		(IIIDedIIIdeIOII I	anagement .	ice, ia	ope ne	910117		1.22
6. PERSONNEL STREN	IGTH: PERMA	ANTENTT :	STUDENTS		STIE	PORTED		
o. Hadorwal birda		IST CIVIL OFFIC		IVII. OFF			~тулт, т	OTAL
A. AS OF 30 SEP 20		276 2733	0 0	0	114	996	2438	11,213
B. END FY 2008		2309 1364	0 0	0	57	518	1178	5,757
D. END 11 2000	331 2	1301	0 0	· ·	3,	310	1170	3,737
		7. TNVE	NTORY DATA	(\$000)				
A. TOTAL AREA		5,156 ha	(12,7					
		SEP 2002				2	930,188	
		NVENTORY					37,909	
		THE FY 2004 PRO					37,500	
		THE FY 2005 PRO					23,500	
		(NEW MISSION ON					0	
							37,935	
						3 (	067,032	
ii. dulu ioiii.						3,	007,032	
8. PROJECT APPROPE	TATTONS RECITES	TED IN THE FY 20	04 PROGRAM:					
CATEGORY PROJEC		11 10	01 1100011		CC	ST	DESTON	STATUS
CODE NUMBER		PROJECT TITLE				00)		COMPLETE
		yment Facility				5,500		12/2003
	_	ntenance Facility	i.r			2,000		12/2003
211 3013	y venicie nai	inculation ractific	Y		2	2,000	00/2002	12/2003
			TOT	AL	3	7,500		
9. FUTURE PROJECT	ADDRODR TATTOMS							
CATEGORY	ALLIGITATION	, •			CC	ST		
CODE	т	PROJECT TITLE				00)		
A. REQUESTED I					(40	00,		
441		perations Facili	Fs7		2	3,500		
111	Wal Cloube C	peracions raciii	Cy		2	3,300		
			TOT	AL	2	3,500		
B. PLANNED NEX	T FOUR PROGRAM	YEARS (NEW MISS:	ION ONLY):	NONE				
C. DEFERRED SU	STAINMENT, RES	TORATION, AND MO	DERNIZATION	(SRM):	13	2,049		
10. MISSION OR MAJ			,				_	
USAREUR twin n	ussions are de	eterring war and l	oeing able	to win if	attac	ked. S	upport of	US Army, Europe

1. COMPONENT	FY 2004-2005 MILITARY CONSTRU	ICTION PROGRAM	2. DATE
ARMY			06 FEB 2003
TNICTIAT I ATTA	I AND I OCADION. The last Morei cue	Tholas	
INSTALLATION	N AND LOCATION: Italy Various	Italy	
11 OUTSTANDING POU	LUTION AND SAFETY DEFICIENCIES:		
11. 00101112110 101		(\$00	0)
3 3 TD DOLLING	·	( \$00	
A. AIR POLLUTIO			0
B. WATER POLLUT	TION		0
C. OCCUPATIONAL	SAFETY AND HEALTH		0
REMARKS :			
	3 5 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7		
	cost to remedy the deficiencies in all exi		
	on is \$132,049,000, based on the Installat	ion Status Report Info	rmation on conditions as
of October 2002.			
1			

1.COMPONENT	EV )	^^4 <b>MTT.</b> T	יייא דע ע	COME	TRUCTION PROJ	ነው <i>ኮኔ</i> ሞል	2.DATE		
ARMY	<b>FY</b> 2	UU4 MILII	TAKI	COMP	TRUCTION FROM	CI DETE		FEB 2003	
3.INSTALLATION AN	D LOCAT	ION			4.PROJECT TITLE		00	FED ZUUJ	
Aviano Air Bas									
Italy	,				Joint Deploy	cility			
5.PROGRAM ELEMENT		6.CATEGORY CODE		7.PRO	JECT NUMBER		COST (\$00	00)	
						Auth	15,500		
22369A		218			53881	Approp	15,		
			9.0	COST ES	TIMATES				
	ITEM		UM (	M/E)	QUANTITY				
PRIMARY FACILI	TY							11,208	
Heavy Drop Rig	ging	Facility	m2 (	SF)	2,415 (	26,000)	3,898	(9,414)	
40-Ton Vehicle	Scal	е	EA		1		299,165	(299)	
Building Repla	cemen	t	m2 (	SF)	428.93 (	4,617)	1,166	(500)	
Antiterrorism	Force	Protection	LS					(532)	
EMCS Connection	n		LS					(55)	
Building Infor	rmatio	n Systems	LS					(408)	
SUPPORTING FAC	CILITI	<u>ES</u>						2,617	
Electric Servi			LS					(492)	
Water, Sewer,			LS					(98)	
Paving, Walks,		s & Gutters	LS					(217)	
Storm Drainage			LS					(305)	
-	.4) De	mo( 118)	LS					(332)	
Information Sy			LS					(827)	
Antiterrorism/	'Force	Protection	LS					(346)	
EGETMANED GOVE		GO GET						12 005	
ESTIMATED CONT								13,825	
CONTINGENCY PE	IRCENT.	(5.00%)						691	
SUBTOTAL SUPV, INSP & C	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	7D /6 E0%)						14,516 944	
TOTAL REQUEST	VERDE.	AD (0.50%)						15,460	
TOTAL REQUEST	/ DOITH	רבּט /						15,500	
INSTALLED EQT-								13,300	
INSTALLED EQT-	OINEK	APPROP						( )	
10.Description of Propo	osed Const	ruction Cons	l struc	t a H	eavy Drop Rig	ging Fac	ility. P	hase T	
of the Deploym									
high-line shed									
area, 40-ton o								-	
Demolish and r								•	
electrical sub	_		_				_	pression	
facility (tota		_				_	_	_	
water, sanitar									
safety systems									
improvements.									
units. Connect									
monitoring sys								_	
barriers, and								<u>~</u> ·	
		- 						<del></del>	
11. REQ:		,415 m2 ADQT				JBSTD:		907 m2	
PROJECT: Cons	struct	a Heavy Drop	Rig	ging	Facility (HDRI	F) Phase	I of Ai	rborne	
Deployment Fac	cility	. (Current Mi	ssio	n)					

1.COMPONENT	<b>FY</b> 2004	MTTTTNDV	CONSTRUCTION	DDO.TEC	ע האלו ה	2.DATE		
ARMY	FI 2004	MILLIARI	CONSTRUCTION	PROUEC	I DAIA	06	FEB	2003
3.INSTALLATION AND	D LOCATION							•
Aviano Air Bas	se, Italy							
4.PROJECT TITLE				5	.PROJECT	NUMBER		
Joint Deployme	ent Facility						53881	

<u>REQUIREMENT:</u> This project is required to provide the necessary facilities to deploy an airborne battalion ready force (1,000 soldiers and equipment) within 36 hours from Aviano Air Force Base, Aviano, Italy. This facility will provide space to conduct all heavy drop rigging operations of equipment and ammunition; storage of cargo and personnel parachutes, rigging material and equipment, and rigged pallets of ammunition; covered wash area to prepare vehicles for airlift operations; and administrative area for operational control. Consolidating all operations in one facility in the proximity of the designated departure airfield, will allow for much faster response times and more efficient rigging operations.

CURRENT SITUATION: The heavy drop rigging operations are performed ad-hoc in temporary space at Aviano Air Base. The current rigging facility is an old (early 1970s), temporary metal warehouse shell that is undersized, without an overhead crane, fixed pallet rollers, or K-loader dock. It is located on the side of the airfield furthest from where uploading of aircraft takes place. It is in a non-explosive area prohibiting rigging of ammunitions. Heavy loads must be initially rigged outside with the aid of a mobile crane, rolled inside on temporary rollers, rigged, and then rolled outside and lifted to a truck for movement to a K-loader transfer area. Ammunition must be transported to the hot cargo area and rigged outside and exposed to the weather.

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

IMPACT IF NOT PROVIDED: If this project is not provided, the rapid deployment mission will continue to be conducted in inefficient facilities and disjointed locations resulting in the airborne battalion's failure to meet deployment requirements. This adversely affects combat readiness.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and all physical security measures are included. Also, all required anti-terrorism/force protection measures are included. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement. Sustainable principles will be integrated into the design, development, and construction of the project in accordance with Executive Order 13123 and other applicable laws and Executive Orders. JOINT USE CERTIFICATION: The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. The facility will be available for use by other components. A parametric cost estimate based upon project engineering design was used to develop this budget estimate. A parametric cost estimate based upon project engineering design was used to develop this budget estimate.

NATO SECURITY INVESTMENT: North Atlantic Treaty Organization (NATO) project approval funding, although being pursued, is 5 years away from realization; hence, Military Construction, Army (MCA) funding is required to prefinance this project. Project solicitation and discussion with NATO will highlight this issue, thus allowing potential future recoupment of United States expenditures. Recent world terrorist events and heightened force protection conditions have accelerated the need for this facility.

1.COMPONENT	T	T							2.DATE	
			<b>FY</b> 2004	MILIT	ARY CONST	RUCTION I	PROJECT :	DATA		
ARMY									06 FI	EB 2003
3.INSTALLAT	TION A	ND LOC.	ATION							
Aviano Ai	ir Ba	.aa T	[+a] ₃₇							
4.PROJECT T		.SE, 1					5.PF	ROJECT I	NUMBER	
Joint Dep	ploym	nent F	a <u>cility</u>						538	381
			DATA:	D-+						
Α.	Est1 (1)	mateo. Stat	d Design I	Data:						
	( 1 )	(a)		sian St	arted				<u>MAY</u>	2002
		(b)							<u>MAI</u>	
		(c)							<u>JAN</u>	
		(d)							DEC	
		(e)	Parameti	ric Cos	st Estimat	ing Used	to Deve	lop Co	osts	
		(f)			Contract					
		(g)			ly and lif			lysis	will be	
			document	tea aur	ing the f	inal des	ign.			
	(2)	Basi	ig:							
	\ <del>-</del> ,	(a)		d or De	efinitive	Design:	NO			
		•				=				
	(3)		al Design							000)
		(a)							• • • • • • • • • • • • • • • • • • • •	
		(b)							• • • • • • • • • • • • • • • • • • • •	
		(c) (d)							· · · · · <u> </u>	
		(a) (e)								
I		( )	±11 110 c	<b>=</b>	• • • • • • • • •		• • • • • • • •	• • • • •		140
I	(4)	Cons	struction	Contra	act Award.				<u>APR</u>	2004
I										
I	(5)	Cons	struction	Start.				• • • • •	<u>MAY</u>	2004
I	161	Conc		7-m-1-					M7\37	2006
İ	(6)	COIIE	struction	COMPTE	ETTOII			• • • • •	<u>MAY</u>	2006
В.	Equi	.pment	associat	ted wit	h this pr	roject wh	ich will	be p	rovided fi	rom
other a	appro	priat	cions:							
l									al Year	
	pment				Procurir				opriated	Cost
Nomer	<u>nclat</u>	<u>.ure</u>			Appropri	<u>lation</u>		Or K	<u>equested</u>	<u>(\$000)</u>
					NA					

1.COMPONENT								2.DATE	
	<b>FY</b> 2	004 <b>MILI</b>	TARY	CONST	TRUCTION P	ROJE	CT DATA		2000
ARMY 3.INSTALLATION AND					TA PROTECT!			06	FEB 2003
					4.PROJECT	ТІТЬЬ			
Livorno Supply		int Area		Vehicle Maintenance Facility					
Italy (Livorno		T COTTOODY CODE		T		Mair			
5.PROGRAM ELEMENT	ŀ	6.CATEGORY CODE		7.PKOJ	JECT NUMBER			COST (\$00	•
======	ŀ	01.4			50400		Auth Approp	22,	
72896A	'	214	0.0	SOOM FOR	58493		APPLOF	22,	000
				COST EST					
יז דד / ערד זיי היייד ריי	ITEM		UM (N	M/E)	QUAN	TITY			16 216
PRIMARY FACILI		E 2		~= \	4 056	,	52 246)	1 000	16,216
Vehicle Maint.			m2 (S	•	4,956		53,346)		
Hazardous Wast			m2 (S		119		1,281)		
Administrative		_	m2 (S		1,006		10,828)		
Armament Maint		-	m2 (S		426		4,585)		
Industrial Gas			m2 (S	SF)	212	(	2,282)	328.40	
Total from C			<b></b>						(3,586)
SUPPORTING FAC		<del></del>							3,359
Electric Servi			LS						(210)
Water, Sewer,			LS						(56)
Steam And/Or C									(22)
Paving, Walks,			LS						(1,423)
Storm Drainage			LS						(39)
Site Imp( 1,05			LS						(1,391)
Information Sy			LS						(82)
Antiterrorism/	Force	Protection	LS						(136)
			<del> </del>						10 555
ESTIMATED CONT									19,575
CONTINGENCY PE	RCENT	(5.00%)							979
SUBTOTAL									20,554
SUPV, INSP & O	VERHE.	AD (6.50%)							1,336
TOTAL REQUEST									21,890
TOTAL REQUEST									22,000
INSTALLED EQT-	OTHER	APPROP							( )
			Ļ	L	- 1 - 1			_	
10.Description of Propo									
facility, haza									
maintenance/st									
pre-wash rack,		_						_	_
dock at rail s	_	_			_				
receiving open									
fuel/defuel pa									
service; under									
wastewater con									
lighting; conc									
drainage ditch									
site improveme									
by a central h									nclude
facility struc									
measures. Demo								nt area	roads
(9,160 m2). Ac	cess	for the handi	cappe	ed wil	ll be prov	rided	1.		

6,727 m2 ADQT:

NONE

SUBSTD:

11. REQ:

PROJECT:

3,139 m2

1.COMPONENT							2.DATE	
	FY 2004 MILI	TAR	Y CONSTRUC	TION E	PROJE	CT DATA		
ARMY							06	FEB 2003
3.INSTALLATION AND	) LOCATION							
Livorno Supply	. & Maint Area, Ita	aly	(Livorno)					
4.PROJECT TITLE						5.PROJECT	NUMBER	
Vehicle Mainte	nance Facility						Ţ	58493
9. COST ESTI	MATES (CONTINUED)							
							Unit	Cost
Item		UM	(M/E)	QUANT	rity		COST	(\$000)
PRIMARY FACILI	TY (CONTINUED)							
Manual Vehicle	Wash Rack	LN		1			161,806	(162)
Manual Grease	Rack	LN		1			261,021	(261)
Automatic Wash	Facility	LN		1			300,934	(301)
Loading Dock,	Rail Spur	m2	(SF)	1,350	(	14,531)	134.23	(181)
Loading Dock,	Shpng & Rcvng	m2	(SF)	638	(	6,867)	125.55	(80)
Open Storage,	Shpng & Rcvng	m2	(SF)	930	(	10,010)	117.72	(109)
Sentry Box w/	Barriers	EΑ		2			21,544	(43)
Fuel/Defuel Pa	ds	m2	(SF)	600	(	6,458)	170.08	(102)
Antiterrorism	Force Protection	LS						(691)
Railroad Track	s w/Ties & Ballas	m	(LF)	2,830	(	9,285)	336.70	(953)
Building Infor	mation Systems	LS						(703)
							Total	3,586

REQUIREMENT: Commander, US Army, Europe (USAREUR) is to conduct land reinforcing operations in the Southern Region for the reinforcement, movement and sustainment of US Forces; or in support of out-of-area operations. USAREUR must have the capability to respond immediately to any aggression, seize the initiative to restore the Region's territorial integrity, and rapidly employ capable forces in crisis management for peacekeeping situations under USAREUR planning scenarios. USAREUR needs the ability to inject a heavy brigade-sized reaction or augmentation force into the Southern Region at a rate which can only be achieved by pre-positioned material. This in turn requires adequate storage and maintenance facilities for equipment and supplies, located to provide a strategic logistics projection platform for US operations throughout the Region. The supply stocks and echelon-above-brigade (EAB) support slice which form part of the US reaction or augmentation force will also improve the US ability to respond to peace support operations including humanitarian assistance and disaster relief. One heavy brigade set of equipment with commensurate EAB support slice must be provided, or assigned to the Allied Command, Europe (ACE) Rapid Reaction Corps(ARRC). Upon deployment, this brigade must be operational at about the same time as the ARRC Headquarters. This project is required to store and maintain pre-positioned US 1x1 brigade set vehicles, supplies, equipment, and ammunition to be employed by US Forces in an AARC deployment to the Southern Region and improve the operational efficiency of the Livorno Supply and Maintenance Depot. This project is required to provide facilities and sites which meet current minimum AT/FP and seismic standards to protect US personnel and facilities from earthquakes and terrorist acts.

<u>CURRENT SITUATION:</u> Existing rail, truck, and seaport deployment facilities and staging areas are inadequate, inefficient, and cannot support a major

1.COMPONENT	<b>FY</b> 2004	MILITARY CO	ONSTRUCTION	PROJEC	T DATA	2.DATE		
ARMY						06	FEB 2	2003
3.INSTALLATION AN	D LOCATION							
Livorno Supply	/ & Maint Are	ea, Italy (Liv	vorno)					
4.PROJECT TITLE				5	.PROJECT 1	NUMBER		
Vehicle Mainte	enance Facili	tv				5	8493	

deployment in the time frame required. Existing permanent facilities,

#### CURRENT SITUATION: (CONTINUED)

originally constructed in the 1950s, are deteriorated and have never had a major renovation. Existing deteriorated and temporary clamshell shelters must now support permanent operations. Existing vehicle maintenance and preservation and armament maintenance and storage facilities are comprised of temporary clamshell shelters, which are inadequate to meet national missions at the site. Pre-positioned, expensive US 1X1 brigade set vehicles and equipment are maintained at less than full mission capability. Administrative and technical support facilities are seriously inadequate or non-existent. Existing building and site information systems are inadequate and do not meet current communication, command and control requirements. Existing inhabited facilities and sites do not meet current minimum seismic and force protection standards. Facilities are susceptible to damage and US personnel are at risk to loss of life or injury due to earthquakes and terrorist acts. IMPACT IF NOT PROVIDED: If this project is not provided, rail, truck and seaport capacities within the Southern Region will not be adequate to support USAREUR's mission to respond immediately to a crisis or aggression, to seize the initiative to restore the Region's territorial integrity, or to support the rapid employment of capable forces as required in Guidelines for Operational Planning. Prepositioned, expensive US 1X1 brigade set vehicles and equipment will continue to be maintained at less than full mission capability. Limited, strategic, maritime assets will continue to cross the Atlantic or equipment that might be part of other USAREUR force packages will continue to be used to replace deteriorating, non-maintained 1X1 brigade set vehicles and equipment resulting in delayed response and degraded unit effectiveness. Southern Region rail, truck and seaport operations will continue to be negatively impacted by the lack of adequate staging areas and vehicle maintenance and preservation, armament maintenance/storage, administrative and technical support facilities. If this project is not provided, soldiers conducting movements from Livorno to Southern Region Area of Operations will continue to be exposed to safety hazards and will continue to be at risk of loss of life or injury due to earthquakes and terrorist acts. This project has been coordinated with the installation physical ADDITIONAL: security plan, and all physical security measures are included. Also, all required anti-terrorism/force protection measures are included. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement. Sustainable principles will be integrated into the design, development, and construction of the project in accordance with Executive Order 13123 and other applicable laws and Executive Orders. JOINT USE CERTIFICATION: The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. Mission requirements, operational considerations, and location are incompatible with use by other components. A parametric cost estimate based upon project

1.COMPONENT		I o name
1.COMPONENT	THE COOK WILLIAM BY GOVERNMENT BOOTH	2.DATE
	FY 2004 MILITARY CONSTRUCTION PROJE	
ARMY		06 FEB 2003
3.INSTALLATION AN	ID LOCATION	
	y & Maint Area, Italy (Livorno)	
4.PROJECT TITLE		5.PROJECT NUMBER
Vehicle Mainte	enance Facility	58493
ADDITIONAL:	(CONTINUED)	
engineering de	esign was used to develop this budget esti	mate. A parametric cost
estimate based	d upon project engineering design was used	to develop this budget
estimate.		
NATO SECURITY	INVESTMENT: This project is only partial	ly eligible for funding
	ablished NATO infrastructure category for	
	CP3A-0019. This project has the potential	
of costs from		1
12. SUPPLEMEN	NTAL DATA:	
	mated Design Data:	
(1)	Status:	
( 1 )	(a) Date Design Started	лит 2002
	(b) Percent Complete As Of January 2003.	
	(c) Date 35% Designed	
	(d) Date Design Complete	
	(e) Parametric Cost Estimating Used to D	
	(f) Type of Design Contract: Design-bid	
	(g) An energy study and life cycle cost	analysis will be
	documented during the final design.	
(2)	Basis:	
	(a) Standard or Definitive Design: NO	
(3)	Total Design Cost $(c) = (a)+(b)$ OR $(d)+(e)$	): (\$000)
	(a) Production of Plans and Specificatio	ns <u>1,080</u>
	(b) All Other Design Costs	1,075
	(c) Total Design Cost	<u>2,155</u>
	(d) Contract	
	(e) In-house	
		<del></del>
(4)	Construction Contract Award	MAR 2004
( - )		
(5)	Construction Start	MAV 2004
(3)	Construction Start	PAI 2004
(6)	Construction Completion	CED 2006
(0)	CONSCIUCCION COMPTECTON	<u>SEP ZUUb</u>

1.COMPONENT	0004			2.DATE	
	FY 2004 MILIT	ARY CONSTRUCTION PROJE	CT DATA	0.6	- 0000
ARMY	D I OCATION			06 F.E.	В 2003
3.INSTALLATION AN	D HOCATION				
I irrama Garaga	r C Moint Amer The	· (Liverno)			
Livorno Supply 4.project title	/ & Maint Area, Ital	Y (LIVOTHO)	5.PROJECT N	TIMBED	
1. F. V. OO P. C. 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			J.FROUECI N	אמטוייט	
Wohialo Mainte	enance Facility			584	0.2
venicie mainte	Hance Facility			304	93
12. SUPPLEMEN	NTAL DATA: (CONTINU	(正)			
		th this project which w	vill be pr	covided fr	Om
other approp		ii ciiib project wiiicii v	VIII DC PI	Ovided iii	Oili
ocher approp	7114616115		Fisca	l Year	
Equipment		Procuring		priated	Cost
Nomenclatu	ıre	<u>Appropriation</u>		quested	<u>(\$000)</u>
<u> </u>	<u></u>	11991 091 1401011	<u> </u>	gaebeca	10007
		NA			

Phone Number: 633 7736

Installation Engineer: Giovanni Tognetti

# DEPARTMENT OF THE ARMY FISCAL YEAR 2004

# MILITARY CONSTRUCTION (PART I) (DOLLARS ARE IN THOUSANDS)

STATE		INSTALLATION (COMMAND/REGION)			NEW/	
	PROJECT		AUTHORIZATION	APPROPRIATION	CURRENT	
	NUMBER	PROJECT TITLE	REQUEST	REQUEST	MISSION	PAGE
Korea		Korea Various (EUSA/KORO)				243
	i	Area I Camp Casey				
	54214	Barracks Complex - Engineer Drive	41,000	41,000	C	245
	54589	Barracks Complex - Ace Boulevard	45,000	35,000	C	249
	i	Area I Camp Hovey				
	58243	Barracks Complex - Hovey	29,000	29,000	С	253
		Subtotal Korea Various PART I	\$ 115,000	105,000		
		* TOTAL MCA FOR Korea	\$ 115,000	105,000		

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1. COMPONENT	FY	2004-2005 MILITARY C	ONSTRUCTION P.	ROGRAM		2. DAT	
ARMY						06 F	EB 2003
3. INSTALLATION AND LO	CATION	4. COMMAND				5. ARE	A CONSTRUCTION
						COS	T INDEX
Korea Various		Eighth United States	_				1 05
Korea		(Installation Manage	ment Acty, Ko	rea Region	)		1.07
6. PERSONNEL STRENG	TH: PERMAN	ENT STUDEN	TS	SUPPOR	TED		
	OFFICER ENLI	ST CIVIL OFFICER ENL	IST CIVIL OF	FICER ENLI	ST CI	VIL TO	TAL
A. AS OF 30 SEP 200	2 8370 533	65 23839 0	394 0	1212 136	15 2	26213 1	.27,008
B. END FY 2008	3864 246	69 10712 0	135 0	544 62	09 1	2048	58,181
		7. INVENTORY	DATA (\$000)				
A. TOTAL AREA		108,851 ha (	268,976 AC)				
B. INVENTORY TOT	ALAS OF 30 S	EP 2002			16,51	.8,185	
C. AUTHORIZATION	NOT YET IN IN	VENTORY			73	88,757	
D. AUTHORIZATION	REQUESTED IN	THE FY 2004 PROGRAM		•	11	5,000	
E. AUTHORIZATION	REQUESTED IN	THE FY 2005 PROGRAM		•	16	51,800	
F. PLANNED IN NE	XT FOUR YEARS	(NEW MISSION ONLY)		•		3,730	
G. REMAINING DEF	'ICIENCY				71	6,370	
H. GRAND TOTAL					18,25	3,842	
	ATTONIC DESTROIT	ממת 2004 אינו יוודי ואד מינו	CDAM•				
CATEGORY PROJECT		ED IN THE FY 2004 PRO	GRAM.	COST		DESIGN	CTATTIC
CODE NUMBER		OJECT TITLE		(\$000)			COMPLETE
		plex - Engineer Drive	,	41,0			08/2003
		plex - Ace Boulevard		35,0			08/2003
	Barracks Com			29,0			10/2003
			moma i	105.0	00		
			TOTAL	105,0	00		
9. FUTURE PROJECT A	PPROPRIATIONS:			COSE			
CATEGORY	<i></i>			COST			
CODE		OJECT TITLE		(\$000)			
A. REQUESTED IN	_			10.0	00		
832	Sanitary Sew	er System tenance Facility		12,0			
214		-		21,8			
721 721		plex - Camp Casey plex - Camp Humphreys		37,0 48 5			
721		piex - camp Humphreys plex-Camp Stanley		48,5 42,5			
121	Dattacks COII	brev camb prantel		42,3	00		
			TOTAL	161,8	00		
C. DEFERRED SUS	TAINMENT, REST	ORATION, AND MODERNIZ	ATION (SRM):	903,8	00		

## 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

ARMY	FY 2004-2005 MILITARY CONSTRUCTION	ON PROGRAM	2. DATE 06 FEB 2003
INSTALLATION	AND LOCATION: Korea Various	Korea	
Korea (ROK). If det operations to defea Headquarters, Unite CFC and USFK. Provi	R FUNCTIONS: (CONTINUED) errence fails, EUSA will conduct sustained A t the enemy. Provides logistical and adminis d Nations Command (HQ UNC), in order to fulf des support to other commands, agencies, ser ected by higher authority.	trative support for ill the operational	forces, including requirements of ROK-US
11. OUTSTANDING POL	LUTION AND SAFETY DEFICIENCIES:	(\$00	0)
A. AIR POLLUTIO	N		0
B. WATER POLLUT	ION		0
C. OCCUPATIONAL	SAFETY AND HEALITH		0

1.COMPONENT										2.DATE			
	<b>FY</b> 2	004	MIL	LTAR	Y COI	NST	RUCTION	PROJ	ECT DATA				
ARMY										0.6	06 FEB 2003		
3.INSTALLATION AN	D LOCAT	ION					4.PROJECT	TITLE	2				
Camp Casey													
Korea (Area I)	)						Barrack	s Co	mplex -	Engineer	Drive		
5.PROGRAM ELEMENT		6.CATE	GORY CODE		7.P	PROJ	ECT NUMBER	2	8.PROJECT	COST (\$0	00)		
									Auth	41,	000		
22496A			721				54214		Approp	41,	000		
				9	.COST	EST	IMATES						
	ITEM			UM	(M/E)		QUA	ANTITY					
PRIMARY FACILI	TY										26,670		
Barracks				m2	(SF)			5 (			(13,225)		
Company Operat	cions :	Build:	ing	m2	(SF)				48,276)	1,063	(4,769)		
Dining Facilit	У			m2	(SF)		2,870	) (	30,892)	2,339	(6,714)		
Special Founda	ation			LS							(241)		
IDS Installati	lon			LS							(302)		
Total from (	Contin [*]	uation	n page								(1,419)		
SUPPORTING FAC	CILITI	E <u>S</u>									10,439		
Electric Servi	Lce			LS							(1,224)		
Water, Sewer,	Gas			LS							(5,045)		
Paving, Walks	Curb	s & G1	utters	LS							(318)		
Storm Drainage	2			LS							(443)		
Site Imp( 2,34	l0) Dei	mo(	)	LS							(2,340)		
Information Sy	stems			LS							(416)		
Antiterrorism	/Force	Prote	ection	LS							(299)		
Other				LS							(354)		
ESTIMATED CONT	TRACT (	COST									37,109		
CONTINGENCY PR	ERCENT	(5.0	00%)								1,855		
SUBTOTAL											38,964		
SUPV, INSP & (	VERHE.	AD (	5.50%)								2,533		
TOTAL REQUEST											41,497		
TOTAL REQUEST	(ROUN	DED)									41,000		
INSTALLED EQT-	OTHER	APPRO	ΟP								( )		
10.Description of Prop	osed Const	ruction	Cons	stru	ct m	odi	fied sta	andar	d-design	2+2 bar	racks,		
six medium con	npany	operat	tions fa	acil	itie	s a	nd expar	nd and	d upgrad	e an exi	sting.		
dining facilit	y to	serve	801-1,3	300	pers	ons	. Instal	ll an	intrusi	on detec	tion:		
system (IDS).	Suppo	rting	facilit	cies	inc	lud	e utilit	cies;	electri	c servic	:e;		
security light	ing;	fire p	protect	ion	and a	ala	rm syste	em; pa	aving, w	alks, cu	ırbs and		
gutters; parki	ng; s	torm d	drainage	e; s	ite :	imp	rovement	ts; i	nformati	on syste	ems; and		
fuel oil stora	age ta:	nks. A	Access f	for	the l	han	dicapped	d wil	l be pro	vided.			
Supporting fac	ciliti	es cos	sts are	hig	h du	e t	o upgrad	de of	undergr	ound ele	ctrical		
cabling, water	and	sewer	lines,	sew	er l	ift	station	ns, a	nd site	improvem	nents,		
including exca	avatio:	n and	retain	ing	wall	. н	eating a	and a	ir condi	tioning	(400		
tons) will be	provi	ded by	y self-d	cont	aine	d s	ystems.	Anti	-terrori	sm/force	<u> </u>		

11. REQ: 9,479 PN ADQT: 5,775 PN SUBSTD: 3,704 PN PROJECT: Construct a barracks complex. (Current Mission)

protection (AT/FP) will be provided by structural reinforcement, special windows and doors, and site measures. Comprehensive building and furnishings

related interior design services are required.

1.COMPONENT						2.DATE			
	FY 2004 MIL	ITAR	Y CONS	TRUCTION PROJ	ECT DATA				
ARMY						06	FEB 2003		
3.INSTALLATION AN	D LOCATION								
Camp Casey, Korea (Area I)									
4.PROJECT TITLE					5.PROJECT N	IUMBER			
Barracks Compl	lex - Engineer Dri	ve					54214		
9. COST EST	MATES (CONTINUED)	<u> </u>							
						Unit	Cost		
Item		UM	(M/E)	QUANTITY		COST	(\$000)		
PRIMARY FACIL	ITY (CONTINUED)								
Antiterrorism	Force Protection	LS					(851)		
Building Infor	rmation Systems	LS					(568)		
						Total	1,419		

REQUIREMENT: This project is required to provide living and working conditions for soldiers that meet current standards. Maximum utilization is 348 soldiers, and the intended utilization is 164 E1-E4s and 92 E5-E6s. CURRENT SITUATION: Under the Land Partnership Plan (LPP), several units will relocate to this installation allowing other installations to be returned to the Korean government. These restationings will create a barracks deficit at Camp Casey. There are no facilities on the installation that can be converted to barracks, and the 2nd Infantry Division soldiers are not authorized to live off-post due to mission requirements. Adequate dining and company operations facilities are also not available at Camp Casey to support the restationings. IMPACT IF NOT PROVIDED: If this project is not provided, soldiers will be required to live and eat in overcrowded and deteriorated facilities, and the restationed units will not have adequate company operations facilities. This will adversely impact morale, retention, and readiness. Also, the sewer system overflows will continue, which are a health hazard and adversely affect host nation relations.

This project has been coordinated with the installation physical security plan, and all physical security measures are included. Also, all required anti-terrorism/force protection measures are included. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement. Sustainable principles will be integrated into the design, development, and construction of the project in accordance with Executive Order 13123 and other applicable laws and Executive Orders. JOINT USE CERTIFICATION: The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. Mission requirements, operational considerations, and location are incompatible with use by other components. During the past two years, \$3,375M has been spent on sustainment, restoration, and modernization (SRM) (formerly known as Real Property Maintenance) of unaccompanied enlisted personnel housing at Camp Casey. Upon completion of this project and other projects approved through FY 2004, the remaining unaccompanied enlisted permanent party personnel deficit is 3,008 soldiers at maximum occupancy at this installation. 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 has been addressed, but sufficient funds

1.COMPONENT		2.DATE
	FY 2004 MILITARY CONSTRUCTION PROJE	CT DATA
ARMY		06 FEB 2003
3.INSTALLATION AN	ID LOCATION	
Camp Casey, K	orea (Area I)	
4.PROJECT TITLE		5.PROJECT NUMBER
Barracks Comp.	lex - Engineer Drive	54214
3 DD TEIT (313 I .	(COMMITMED)	
	(CONTINUED)	
	Nation programs are not available to supp	
	st estimate based upon project engineering	g design was used to
develop this	budget estimate.	
12. SUPPLEME	NTAL DATA:	
	mated Design Data:	
(1)	Status:	
( ± )	(a) Date Design Started	NOV 2001
	(b) Percent Complete As Of January 2003.	
	(c) Date 35% Designed	
	(d) Date Design Complete	
	(e) Parametric Cost Estimating Used to I	
	(f) Type of Design Contract: Design-bid	
	(g) An energy study and life cycle cost	
	documented during the final design.	ana1/212 WIII 20
	The second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second secon	
(2)	Basis:	
	(a) Standard or Definitive Design: YES	
	(b) Where Most Recently Used:	
	Camp Casey	
(3)	Total Design Cost (c) = $(a)+(b)$ OR $(d)+(e)$	(\$000)
	(a) Production of Plans and Specification	ons <u>800</u>
	(b) All Other Design Costs	800
	(c) Total Design Cost	1,600
	(d) Contract	1,000
	(e) In-house	
(4)	Construction Contract Award	TAN 2004
(4)	CONSCIUCTION CONCIACT AWARD	<u>UAN 2004</u>
(5)	Construction Start	<u>JUN 2004</u>
,		
(6)	Construction Completion	<u>JUN 2007</u>

1.COMPONENT							2.DATE	
	FY	2004	MILITAR	Y CONSTRUCTION	N PROJE	ECT DATA		
ARMY							06 FE	EB 2003
3.INSTALLATION AN	D LOCATIO	)N						
Camp Casey, Ko	rea (Ar	rea I)						
4.PROJECT TITLE						5.PROJECT N	IUMBER	
Barracks Compl	.ex - Er	ngineer	Drive				542	214
12. SUPPLEMEN	ITAL DAT	<u>ΓΑ:</u> (C	ONTINUED	)				
B. Equip	ment as	ssociat	ed with	this project v	which w	will be pr	covided fr	com
other approp	riatior	ns:						
						Fisca	al Year	
Equipment			P:	rocuring		Appro	priated	Cost
Nomenclatu	ıre		Αı	ppropriation		Or Re	equested	(\$000)

NA

Installation Engineer: DANIEL J. RUSSELL, LTC(P), EN
Phone Number: DSN (315) 730-3659

4							To	
1.COMPONENT	<b></b>	004			NAMBUAMTON BBOT	EGE 53E3	2.DATE	
	<b>F</b> Y 2	004 <b>MIL</b> I	LTAF	RY CO	NSTRUCTION PROJ	ECT DATA		0000
ARMY					4 220 220 220	_	06	FEB 2003
3.INSTALLATION AN	D LOCAT	ION			4.PROJECT TITLE	S		
Camp Casey								
Korea (Area I)					Barracks Co	_		
5.PROGRAM ELEMENT		6.CATEGORY CODE	]	7.1	PROJECT NUMBER	8.PROJECT	COST (\$00	00)
						Auth	45,	000
22496A		721			54589	Approp	35,	000
			9	.COST	ESTIMATES			
	ITEM		UM	(M/E	QUANTITY			
PRIMARY FACILI	TY							26,914
Barracks			m2	(SF)	8,815 (	94,884)	1,500	(13,225)
Company Operat	ions	Facilities	m2	(SF)	1,495 (			
Brigade Headqu				(SF)			1,253	
Dining Facilit		2 201101119		(SF)			2,339	
Special Founda			LS	(DI)	2,012 (	30,200)		(1,516)
Total from (		uation nago	го					
			₩					(1,822)
SUPPORTING FAC		<u>F2</u>	T G					13,772
Electric Servi			LS					(1,075)
Water, Sewer,			LS					(4,698)
Paving, Walks,		s & Gutters	LS					(589)
Storm Drainage			LS					(579)
Site Imp( 5,59			LS					(5,598)
Information Sy	/stems		LS					(186)
Antiterrorism/	'Force	Protection	LS					(899)
Fuel Oil Stora	ige Ta	nks	LS					(148)
ESTIMATED CONT	RACT	COST						40,686
CONTINGENCY PE	RCENT	(5.00%)						2,034
SUBTOTAL								42,720
SUPV, INSP & C	VERHE	AD (6.50%)						2,777
FUNDS PROVIDED								_,
SAVINGS	, 111011	112002 11011	LS					
TOTAL REQUEST			ПО					35,497
TOTAL REQUEST	/ DOITH	רבט /						35,407
INSTALLED EQT-			<u> </u>		1'		0 . 0 . 1	()
10.Description of Propo					modified stand			
					any operation f			
_			_		. Install intru			_
(IDS). Support	ing f	acilities ind	clud	le ut	ilities; electr	ic servi	ce; secu	ırity
lighting; pavi	ng, w	alks, curbs a	and	gutt	ers; parking; s	torm dra:	inage;	
information sy	rstems	; site improv	veme	ents;	and fuel oil s	torage ta	anks. Su	pporting
facilities cos	st is	high due to t	the	need	for underground	d water :	storage	tanks
and extensive	site	improvements	, ir	nclud	ing rock excava	tion and	large	
					ion. Heating an			ng (350
					ned systems. An			
					structural rein			
					comprehensive bu			·
					vices are requi			+ho
			5191	ı ser	vices are requi	ieu. Acce	ESS IUI	CITE
handicapped wi	.ii be	provided.						
11 220.		470 DN ADOL			F 775 DN G			2 704 DM
11. REQ:		,479 PN ADQ		_	•	UBSTD:		3,704 PN
<u>PROJECT:</u> Cons	truct	a barracks (	comp	plex.	(Current Missi	on)		

1.COMPONENT						2.DATE				
	<b>FY</b> 2004 <b>MIL</b>	ITAR	Y CONSTR	UCTION PROJE	CT DATA					
ARMY						06	FEB 2003			
3.INSTALLATION AN	D LOCATION									
Camp Casey, Korea (Area I)										
4.PROJECT TITLE					5.PROJECT N	UMBER				
Barracks Complex - Ace Boulevard 54589										
9. COST ESTI	MATES (CONTINUED)	_								
						Unit	Cost			
Item		UM	(M/E)	QUANTITY		COST	(\$000)			
PRIMARY FACILI	TY (CONTINUED)									
IDS Installati	on	LS					(218)			
Antiterrorism	Force Protection	LS					(777)			
Building Infor	mation Systems	LS					(827)			
						Total	1,822			

REQUIREMENT: This project is required to provide living and working conditions for soldiers that meet current standards. Maximum utilization is 348 soldiers, and the intended utilization is 164 E1-E4s and 92 E5-E6s CURRENT SITUATION: Under the Land Partnership Plan (LPP), several units will relocate to this installation allowing other installations to be returned to the Korean government. These restationings will create a barracks deficit a Camp Casey. There are no facilities on the installation that can be converted to barracks, and 2nd Infantry Division soldiers are not authorized to live off-post due to mission requirements. Adequate dining, company operations, and brigade headquarters facilities are also not available at Camp Casey to support the restationings.

IMPACT IF NOT PROVIDED: If this project is not provided, soldiers will be required to live and eat in overcrowded and deteriorated facilities, and the restationed units will not have adequate brigade and company operations facilites. This will adversely impact morale, retention, and readiness. Also, the water distribution system will not be able to provide the necessary capacity and pressure for fire fighting. Lastly, the sewer system overflows will continue, which are a health hazard and adversely affect host nation relations.

This project has been coordinated with the installation physical ADDITIONAL: security plan, and all physical security measures are included. Also, all required anti-terrorism/force protection measures are included. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement. Sustainable principles will be integrated into the design, development, and construction of the project in accordance with Executive Order 13123 and other applicable laws and Executive Orders. JOINT USE CERTIFICATION: The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. Mission requirements, operational considerations, and location are incompatible with use by other components. During the past two years, \$3.375M has been spent on sustainment, restoration and modernization (SRM) (formerly known as Real Property Maintenance) of unaccompanied enlisted personnel housing at Camp Casey. Upon completion of this project and other projects approved through FY 2004, the remaining unaccompanied enlisted permanent party personnel deficit

1.COMPONENT						_	2.DATE		
	FY	2004	MILITARY	CONSTRUCTION	PROJE	CT DATA			
ARMY							06 FEB 2003		
3.INSTALLATION AND LOCATION									
Camp Casey, Ko	orea (Ai	rea I)							
4.PROJECT TITLE						5.PROJECT 1	NUMBER		
Barracks Compl	Lex - Ac	ce Boul	evard				54589		
ADDITIONAL:	(CONT)	NUED)							

will be 3,008 soldiers at maximum occpancy at this installation. 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 has been addressed, but sufficient funds from the Host Nation programs are not available to support this requirement. A parametric cost estimate based upon project engineering design was used to develop this budget estimate.

#### SUPPLEMENTAL DATA:

- A. Estimated Design Data:
  - (1) Status:

(a)	Date Design Started	NOV 2001
(b)	Percent Complete As Of January 2003	40.00
(C)	Date 35% Designed	OCT 2002
(d)	Date Design Complete	AUG 2003
(e)	Parametric Cost Estimating Used to Develop Costs	YES

- (f) Type of Design Contract: Design-bid-build
- (g) An energy study and life cycle cost analysis will be documented during the final design.
- (2) Basis:
  - (a) Standard or Definitive Design: YES
  - (b) Where Most Recently Used: Camp Casey

(3)	Total Design Cost $(c) = (a)+(b)$ OR $(d)+(e)$ :	(\$000)
	(a) Production of Plans and Specifications	1,200
	(b) All Other Design Costs	1,000
	(c) Total Design Cost	2,200
	(d) Contract	1,600
	(e) In-house	600
(4)	Construction Contract Award	<u>JAN 2004</u>
(5)	Construction Start	<u>MAR 2004</u>

(6) Construction Completion.................................. MAR 2006

I.COMPONENT				Z.DAIE					
	<b>FY</b> 2004 <b>MI</b>	LITARY CONSTRUCTION PRO	OJECT DATA						
ARMY				06 FE	B 2003				
3.INSTALLATION AN	D LOCATION								
Camp Casey, Korea (Area I)									
4.PROJECT TITLE	NUMBER								
Barracks Complex - Ace Boulevard 54589									
12. SUPPLEMEN	TAL DATA: (CONT	CINUED)							
B. Equip	ment associated	with this project which	h will be pı	covided fr	:om				
other approp	oriations:								
			Fisca	al Year					
Equipment		Procuring	Appro	opriated	Cost				
Nomenclatu	<u>ire</u>	<u>Appropriation</u>	<u>Or Re</u>	equested	<u>(\$000)</u>				

NA

Installation Engineer: DANIEL J. RUSSELL, LTC(P), EN
Phone Number: DSN (315) 730-3659

1.COMPONENT									2.DATE	
	<b>FY</b> 2	004 <b>MIL</b> :	ITA	RY COI	IRN	RUCTION 1	PROJ	ECT DATA		
ARMY									06	FEB 2003
3.INSTALLATION AN	D LOCAT	ION				4.PROJECT	TITLE	1		
Camp Hovey										
Korea (Area I)	)					Barrack	s Coi	mplex - 1	Hovey	
5.PROGRAM ELEMENT 6.CATEGORY COI				7.P	ROJ	ECT NUMBER		8.PROJECT	COST (\$00	00)
								Auth	-	000
22496A		721				58243		Approp	29,	000
				9.COST	EST	'IMATES				
	ITEM		UM	I (M/E)		QUAI	YTITY			
PRIMARY FACILI	<u>ITY</u>									20,963
Barracks				(SF)		7,131		76,757)		
Company Operat		Facilities		(SF)		1,495				
Dining Facilit				(SF)		2,721	(	29,289)		
Special Founda			LS LS							(1,171)
IDS Installation										(101)
Total from Continuation page SUPPORTING FACILITIES										(967)
SUPPORTING FAC Electric Servi		<u> </u>	LS							5,417 (728)
Water, Sewer,			LS						(202)	
water, sewer, Paving, Walks,		a & Cuttora	LS					(339)		
Storm Drainage		s & Gutters	LS					(165)		
Site Imp( 3,50		mo( )	LS					(3,503)		
Information Sy			LS							(151)
Antiterrorism,			LS							(211)
Fuel Oil Stora			LS							(118)
011 0010	.je 10									(===)
ESTIMATED CONT	TRACT	COST								26,380
CONTINGENCY PR	ERCENT	(5.00%)								1,319
SUBTOTAL										27,699
SUPV, INSP & (	OVERHE	AD (6.50%)								1,800
TOTAL REQUEST										29,499
TOTAL REQUEST	(ROUN	DED)								29,000
INSTALLED EQT-	-OTHER	APPROP								( )
10.Description of Prop									_	
and two mediur	n two-	story compan	у 01	oerat:	ion	s facili	ties	, and exi	oand and	upgrade

and two medium two-story company operations facilities, and expand and upgrade an existing 500 person dining facility to a 1,300 person facility. Install intrusion detection systems (IDS). Access for the handicapped will be provided for the dining facility. Supporting facilities include underground utilities; paving, walks, curbs and gutters; parking; storm drainage; fuel oil storage tanks; information systems; and site improvements. Special foundation work is required. Construct sewer lines and manholes; construct and upgrade existing sewage lift stations to include associated equipment and generators. Heating will be provided by oil-fired units and air conditioning (300 tons) by self-contained units. Anti-terrorism/force protection (AT/FP) measures include structural reinforcement, special windows and doors, and site measures. Comprehensive building and furnishings-related interior design services are required. The supporting facilities cost is high due to the need to provide fire pump houses and rock excavation.

11. REQ: 4,551 PN ADQT: 2,850 PN SUBSTD: 1,515 PN PROJECT: Construct a barracks complex. (Current Mission)

1.COMPONENT								2.DATE	
	FY	2004	MILITAF	Y CONS	STRUCTION	PROJE	CT DATA		
ARMY								06	FEB 2003
3.INSTALLATION AN	ID LOCATIO	NC							
Camp Hovey, Ko	orea (Ar	rea I)							
4.PROJECT TITLE							5.PROJECT 1	JUMBER	
Barracks Compl	lex - Ho	ovey							58243
9. COST ESTI	IMATES (	(CONTIN	IUED)						
								Unit	Cost
Item			UM	(M/E)	QUA	NTITY		COST	(\$000)
PRIMARY FACILI	ITY (CON	NTINUED	<u>))</u>						
Antiterrorism	Force I	Protect	ion LS						(610)
Building Infor	rmation	System	ns LS						(357)
								Total	967

REQUIREMENT: This project is required to provide living and working conditions for soldiers that meet current standards. Maximum utilization is 300 soldiers, and the intended utilization is 140 E1-E4s and 80 E5-E6s.

CURRENT SITUATION: Under the Land Partnership Plan (LPP), several units will relocate to this installation allowing other installations to be returned to the Korean government. These restationings will create a barracks deficit at Camp Hovey. There are no facilities on the installation that can be converted to meet this requirement, and 2nd Infantry Division soldiers are not authorized to live off-post due to mission requirements. Adequate dining and company operations facilities are also not available at Camp Hovey to support the restationings.

IMPACT IF NOT PROVIDED: If this project is not provided, soldiers will be required to live and eat in overcrowded and deteriorated facilities, and the restationed units will not have adequate company operations facilities. This will adversely impact morale, retention, and readiness. Also, sewer system overflows will continue, which are a health hazard and adversely affect host nation relations.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and all physical security measures are included. Also, all required anti-terrorism/force protection measures are included. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement. Sustainable principles will be integrated into the design, development, and construction of the project in accordance with Executive Order 13123 and other applicable laws and Executive Orders. The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. Mission requirements, operational considerations, and location are incompatible with use by other components. During the past two years, \$1.5M has been spent on sustainment, restoration and modernization (SRM) (formerly know as Real Property Maintenance) of unaccompanied enlisted personnel housing at Camp Hovey. Upon completion of this project, and other projects approved through FY 2004, the remaining unaccompanied enlisted permanent party personnel deficit will be 1,143 soldiers at maximum occupancy at this installation. 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

1.COMPONENT		2.DATE
1.00/11 01/21/2	FY 2004 MILITARY CONSTRUCTION PROJE	
ARMY	F1 2001 MADAMA GG, B11001101 - 11001	06 FEB 2003
3.INSTALLATION	AND LOCATION	00 110 2003
<b>5 ·</b>	20011211	
Camp Howev	Korea (Area I)	
4.PROJECT TITL		5.PROJECT NUMBER
4.FROODCI III	·	5.PROOECT NOMBER
Parragka Co	mplex - Hovey	58243
Ballacks CO	lpiex - novey	JUZIJ
ADDITIONAL:	(CONTINUED)	
	<u>(CONTINGED)</u> ing has been addressed, but sufficient funds	s from the West Nation
	e not available to support this project. A p	
_		
_	project engineering design was used to devel	top tills budget
estimate.		
12. SUPPLE	י אים איד די אים איד איד איד איד איד איד איד איד איד איד	
	MENTAL DATA:	
	timated Design Data: ) Status:	
(1	,	MAZZ 2002
	(a) Date Design Started	
	(b) Percent Complete As Of January 2003.	
	(c) Date 35% Designed	
	(d) Date Design Complete	
	(e) Parametric Cost Estimating Used to I	_
	(f) Type of Design Contract: Design-bio	
	(g) An energy study and life cycle cost	analysis will be
	documented during the final design.	
( 2		
	(a) Standard or Definitive Design: NO	
, ,		. (4000)
( 3		
	(a) Production of Plans and Specification	
	(b) All Other Design Costs	
	(c) Total Design Cost	
	(d) Contract	<u>1,600</u>
	(e) In-house	<u>500</u>
( 4	) Construction Contract Award	<u>JAN 2004</u>
( 5	) Construction Start	<u>MAR 2004</u>
(6	) Construction Completion	<u>MAR 2006</u>

L.COMPONENT							2.DATE			
	FY	2004	MILITA	RY CONSTRUCT	ION PROJI	ECT DATA				
ARMY							06 FE	EB 2003		
3.INSTALLATION AN	D LOCATIO	N								
Camp Hovey, Korea (Area I)										
1.PROJECT TITLE	PROJECT TITLE 5.PROJECT						NUMBER	NUMBER		
Barracks Complex - Hovey							582	243		
12. SUPPLEMEN	ITAL DAT	<u>'A:</u> (C	ONTINUE	D)						
B. Equip	ment as	sociat	ed with	this projec	t which	will be ;	provided fr	rom		
other approp	riation	ıs:				_				
						Fisc	cal Year			
Equipment				Procuring		App	ropriated	Cost		
Nomenclatu	120			<u>Appropriatio</u>	n		Requested	(\$000)		
Nomenciaco	11.6			Appropriacio	11	<u>O1 1</u>	<u>requested</u>	(\$000)		
				NA						
				AVI						

Installation Engineer: Horace E. Williams, EN
Phone Number: DSN (315)730-3659

## DEPARTMENT OF THE ARMY FISCAL YEAR 2004

# MILITARY CONSTRUCTION (PART I) (DOLLARS ARE IN THOUSANDS)

STATE		INSTALLATION (COMMAND/REGION)			]	NEW/	
	PROJECT		AUTHORIZATION .				
	NUMBER	PROJECT TITLE		REQUEST REQUEST			
Kwajal	ein	Kwajalein Atoll (SMDC/PARO)					259
	50845	Vehicle Paint & Prep Facility		9,400	9,400	C	261
		Subtotal Kwajalein Atoll PART I	\$	9,400	9,400		
		* TOTAL MCA FOR Kwajalein	\$	9,400	9,400		
** T	OTAL OUTSII	DE THE UNITED STATES FOR MCA	\$	324,000	314,000		

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1. COMPONENT	L'V	2004-2005 MIL	.ΤͲΔΡΥ Λ	ומידיפות	ICTTON 1	DR/CCR AM		2. D	74.t.		
ARMY	1.1	. 2004-2005 MIL	IIIAKI C	JINDIIK	JCIION I	FICOSIVAVI			FEB 2003		
ARMI								06	FEB 2003		
2		4 90.55									
3. INSTALLATION AND LO	CATION	4. COMMA	AND					5. AREA CONSTRUCTION			
								C	COST INDEX		
Kwajalein Atoll		US Army Strat									
Kwajalein		(Installation	n Manager	ment A	Acty, Pa	acific Re	egion)		2.29		
								1			
6. PERSONNEL STRENG	TH: PERMAN	ENT	STUDEN	rs		SUPE	PORTED				
	OFFICER ENLI	ST CIVIL OFFI	CER ENL	IST C	IVIL O	FFICER EN	NLIST C	IVIL :	TOTAL		
A. AS OF 30 SEP 200		7 47	0	0	0	0	0	1509	1,579		
B. END FY 2008	17	6 60	0	0	0	0	0	1501	1,584		
		7. INV	ENTORY I	DATA (	(\$000)						
A. TOTAL AREA		1,444 ha			58 AC)						
B. INVENTORY TO							1 0	52,798			
C. AUTHORIZATION							1	49,604			
D. AUTHORIZATION	-							9,400			
E. AUTHORIZATION	~							0			
F. PLANNED IN N	EXT FOUR YEARS	(NEW MISSION C	MLY)	• • • • •		• •		0			
G. REMAINING DEF	FICIENCY			<b></b> .				45,750			
H. GRAND TOTAL.							2,1	57,552			
8. PROJECT APPROPRI	IATIONS REQUEST	ED IN THE FY 2	2004 PRO	GRAM:							
CATEGORY PROJECT	Γ					COS	ST	DESIG	N STATUS		
CODE NUMBER	PR	OJECT TITLE				(\$00	00)	START	COMPLETE		
	5 Vehicle Pair		itv				9,400		l 06/2004		
211 5001	veniere ran	ic a frep ractr	1107			_	, 100	10/200	00/2001		
				TOTA	AL	9	9,400				
9. FUTURE PROJECT A CATEGORY CODE		OJECT TITLE				COS (\$00					
A. REQUESTED I											
-											
B. PLANNED NEXT	FOUR PROGRAM	YEARS (NEW MIS	SSION ON	LY):	NONE						
C. DEFERRED SUS	STAINMENT, REST	ORATION, AND M	MODERNIZ.	ATION	(SRM):	244	1,812				
10. MISSION OR MAJO Provide technic development prograr operational testing Government of the F	cal and logistins. Provide tec g. Collect data	chnical support on objects in	for sta	rategi	ic offe	nsive wea	apon sy	stem de	velopment and		
11. OUTSTANDING POI	LLUTION AND SAF	ETY DEFICIENCI	IES:				(\$0	00)			
A. AIR POLLUTIO	ON							0			

ARMY	FI 2004-2005 MILLIARI CONS.	ROCIION PROGRAM	06 FEB 2003
INSTALLATION	I AND LOCATION: Kwajalein Atoll	Kwajalein	
B. WATER POLLUT	LUTION AND SAFETY DEFICIENCIES: (CONTION SAFETY AND HEALTH	TINUED) (\$000	0 0 0
	rost to remedy the deficiencies in all e on is \$244,812,000, based on the Install		

	<b>FY</b> 2	004 <b>MIL</b>	ITARY	CONS	STRUCTION PRO	OJECT DATA		
ARMY					4 550 550 55		06	FEB 2003
3.INSTALLATION AN		'ION			4.PROJECT TI	LLE		
Kwajalein Ato	11							
Kwajalein		T			Vehicle Pa			
5.PROGRAM ELEMENT		6.CATEGORY CODE	C	7.PR	OJECT NUMBER		COST (\$00	
						Auth		400
65301A		214			50845	Approp	9,	400
			9.	COST E	STIMATES			
	ITEM		UM	(M/E)	QUANTI	TY		
PRIMARY FACIL:	ITY							6,850
Vehicle Paint	& Pre	p Shop	m2 (	SF)	1,818 (	19,573)	3,757	(6,832
Building Info	rmatio	n Systems	LS			-		(18
CIIDDODETNIC EN	777 7007	EC.						1 207
SUPPORTING FAC		<u> </u>	T C					1,207
Electric Serv			LS			_		(203
Water, Sewer,		- C C-++	LS			_		(170
Paving, Walks			LS			_		(510
Site Imp( 2:			LS			_		(319
Information Sy	ystems		LS			-		(5)
								0.055
ESTIMATED CONT								8,057
CONTINGENCY PI	ERCENT	(5.00%)						403
SUBTOTAL	~	(6 500)						8,460
SUPV, INSP & 0								550
DESIGN/BUILD	- DESI	GN COST						363
TOTAL REQUEST		,						9,373
TOTAL REQUEST	-	· · · · · · · · · · · · · · · · · · ·						9,400
INSTALLED EQT	-OTHER	APPROP						(
10.Description of Prop					vehicle paint			
Project includ								
space. Support								
protection and								
drainage, info								(10
tons) and dehi	umidif	ication (25	tons)	will	l be provided	d. Access	for the	
handicapped wa								
slabs (2,500 S					. Hazardous m	material a	batement	will be
accomplished l	oy oth	er appropria	tions	· .				
11 DEO:	1	0.212 7.00	m •		NONE	GIID GIID :		2262
11. REQ:		,821 m2 ADQ'		7	NONE	SUBSTD:		236 m2
		a vehicle p						
REQUIREMENT:		project is						
shop for sandl								
application of	t pain	ts and coati:	ngs i	n a c	dehumidified	environme	nt. Thes	е

equipment from Kwajalein's highly corrosive environment (moist, salt-laden air and constant winds) in order to obtain expected useful life. When properly applied, two treatments will preserve full useful life. Proper application

corrosion prevention and surface treatment systems protect vehicles and

1.COMPONENT

2.DATE

I.COMPONENT							2.DATE
	FY	2004	MILITARY	CONSTRUCTION	PROJEC	T DATA	
ARMY							06 FEB 2003
3.INSTALLATION AN	D LOCATIO	N					
Kwajalein Atol	ll, Kwaj	jalein					
4.PROJECT TITLE					5	.PROJECT I	NUMBER
Vehicle Paint	& Prep	Facil	itv				50845

#### REQUIREMENT: (CONTINUED)

requires the surfaces to be sandblasted, clean, dry and of uniform temperature. This project is required to provide indoor facilities in which sandblasting, surface preparation, cleaning, and painting and coatings can be done under controlled environmental conditions.

CURRENT SITUATION: Currently, 850 vehicles and pieces of equipment require treatment coatings. Because the preparation, cleaning and application is not made under proper environmental conditions, two treatments only preserve the items for up to one-half of normal useful life. Military authorities have certified this fact and have adjusted the replacement schedule to a 5-year cycle from the normal 10-year cycle. Facility capacity is not sufficient to process all of the vehicles and equipment. Sandblasting, surface preparation and cleaning operations must be done outside in the ever-present wind on Kwajalein. The effectiveness of this open air workplace is poor and results in hazardous materials being released into the atmosphere, violating environmental standards.

IMPACT IF NOT PROVIDED: If this project is not provided, sandblasting, surface preparation, and the application of paints and coatings will continue in an outdoor, uncontrolled environment. Deteriorated and failing existing facilities will continue to be used, resulting in ineffective treatments and degraded protection. Vehicles and equipment will continue to deteriorate at an accelerated rate and result in shortened service lives. Application of hazardous coatings without adequate filtration will continue to compromise the environment and could result in judicial enforcement by the Republic of the Marshall Islands.

ADDITIONAL: This project has been coordinated with the installation physical security plan and all physical security measures are included. No anti-terrorism/force protection measures are required. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement. Sustainable principles will be integrated into the development, design, and construction of this project in accordance with Executive Order 13123 and other applicable laws and Executive Orders. JOINT USE CERTIFICATION: The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. This facility will be available for use by other components. A parametric cost estimate based upon project engineering design was used to develop this budget estimate.

## 12. SUPPLEMENTAL DATA:

- A. Estimated Design Data:
  - (1) Status:

(a)	Date Design Started	OCT 2001
(b)	Percent Complete As Of January 2003	20.00
(c)	Date 35% Designed	<u>JAN 2004</u>
(d)	Date Design Complete	<u>JUN 2004</u>

1.COMPONE	NTT.				2.DATE					
T. COME OIVE	NI	FY 2004 MILI	TARY CONSTRUCTION 1	PROJECT DATA	Z.DAIE					
ARM					06 FEB 2003					
3.INSTALLA	ATION A	ND LOCATION								
Kwajalei	in Ato	ll, Kwajalein								
4.PROJECT		<u> </u>		5.PROJECT N	JUMBER					
Trabial a	Daint	C Decem Engiliter			F004E					
Venicie	Ратпс	& Prep Facility			50845					
12. SUE		NTAL DATA: (Continue								
Α.	Esti	mated Design Data: (e) Parametric Cos		- 1 0						
	osts <u>YES</u>									
	(2)	Basis:								
		(a) Standard or De	efinitive Design:	NO						
	(3)	Total Design Cost	(c) = (a) + (b) OR (c)	d)+(e):	(\$000)					
		(a) Production of	Plans and Specifi	cations	200					
			ign Costs							
			(c)Total Design Cost							
		(E) III 110asc								
	(4)	Construction Contra	act Award		DEC 2003					
	(5)	Construction Start			<u>JUN 2004</u>					
	(6)	Construction Comple	etion		OCT 2005					
В.	Equi	pment associated wit	th this project wh	ich will be pr	rovided from					
-		priations:	JII 01110 P10,000	1011 W111 20 F	.001464 110					
					al Year					
_	ipment -		Procuring		opriated Cost					
Nome	<u>enclat</u>	<u>ure</u>	<u>Appropriation</u>	<u>Or Re</u>	equested (\$000)					
			NA							

Installation Engineer: Gene M. Dohrman

Phone Number: 805-355-3778

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# DEPARTMENT OF THE ARMY FISCAL YEAR 2004

# MILITARY CONSTRUCTION (PART I) (DOLLARS ARE IN THOUSANDS)

STATE		INSTALLATION (COMMAND/REGION)				
	PROJECT		AU	THORIZATION A	PPROPRIATION	
	NUMBER	PROJECT TITLE		REQUEST	REQUEST	PAGE
Worldwi	ide Various	Worldwide Various Locations (WORLDWD/OTHR)				
	53976	Classified Project		178,700	178,700	267
		Host Nation Support				
		Subtotal Worldwide Various Locations PART I	\$	178,700	178,700	
		Planning and Design (PLNGDES/OTHR)				
	51094	Planning and Design - Host Nation		0	22,000	269
		Subtotal Planning and Design PART I	\$		22,000	
		Minor Construction (MINOR/OTHR)				
	51083	Minor Construction		0	20,000	271
		Subtotal Minor Construction PART I	\$	0	20,000	
		Planning and Design (PLNGDES/OTHR)				
	51092	Planning and Design		0	100,710	273
		Subtotal Planning and Design PART I	\$	0	100,710	
		* TOTAL MCA FOR Worldwide Various	\$	178,700	321,410	
** T(	OTAL WORLDW	IIDE FOR MCA	\$	178,700	321,410	
MILIT	TARY CONSTR	RUCTION (PART I) TOTAL	\$	1,317,300	1,536,010	

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1.COMPONENT								2.DATE	
	FY 2	2004	MIL	TARY	CON	STRUCTION PRO	JECT DATA		
ARMY								06	FEB 2003
3.INSTALLATION AN	D LOCA	TION				4.PROJECT TIT	LLE		
Worldwide Vari		location	າຣ						
Worldwide Vari						Classified	d Project		
5.PROGRAM ELEMENT	ī	6.CATEG	ORY CODE		7.P	ROJECT NUMBER	8.PROJECT	COST (\$00	00)
							Auth	178,	700
92798A		9	999			53976	Approp	178,	700
				9.C	OST	ESTIMATES			
	ITEM			1) MU	M/E)	QUANTI:	ГҮ		
PRIMARY FACIL									178,700
Classified Project				LS			-		(178,700)
SUPPORTING FAC	CILITI	IES							
ECTIMATED COM		COCT							170 700
ESTIMATED CONT			۰ ۱						178,700
CONTINGENCY PE	LRCEN	(.00	6)						170 700
SUBTOTAL			00 0)						178,700
SUPV, INSP & (	)VERHI	IAD (.)	JU 8)						
TOTAL REQUEST									178,700
TOTAL REQUEST									178,700
INSTALLED EQT-	-OTHEF	R APPRO	٥						(0)
10.Description of Prop					-	covers class			at
various locati									
associated wit							ss during t	the revi	ew of
Military Const					isca	l Year 2004,			
Authorization,	/Appro	priatio	on Requ	ıest.					
<u>11. REQ:</u>		NONE	ADQT	Γ:		NONE	SUBSTD:		NONE
PROJECT: To k	oe pro	ovided o	during	Congr	ress	sional review	of MCA red	quest. (	Current
Mission)									
REQUIREMENT:	To k	oe prov	ided dı	ıring	Con	gressional re	eview of M	CA reque	st.
CURRENT SITUAT	CION:	To be	e provi	ided d	duri	ng Congressio	onal review	w of MCA	
request.									
IMPACT IF NOT	PROVI	[DED:	To be	prov	ided	l during Congr	ressional i	review o	f MCA
request.		<del>_</del>							
_									

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1.COMPONENT									2.DATE	
	<b>FY</b> 2	004	MILI	TARY	CON	STRUCTION 1	PROJI	ECT DATA		
ARMY						1		_	06	FEB 2003
3.INSTALLATION AN		ION				4.PROJECT	TITLE			
Host Nation Su		-1 '	-		,					
Worldwide Vari				Desig				d Design		
5.PROGRAM ELEMENT		6.CATEGORY	CODE		7.PR	OJECT NUMBER		8.PROJECT	COST (\$00	00)
010117		0.5	4			F1004		Auth Approp	0.0	000
91211A		96	4	0 0	0000 0	51094		1.551.05	22,	000
				9.0	OST E	STIMATES				
DD TWADIL BAGTI	ITEM			UM (N	M/E)	QUAI	NTITY			00 000
PRIMARY FACILI										22,000
Planning & Des	sign -	HOST Na	tion	LS						(22,000
GLIDDODELNG EAG	NTT TMT	EI C								
SUPPORTING FAC	<u> </u>	<u>ES</u>								
ECHTMANED COM		O O O O								22 000
ESTIMATED CONT			,							22,000
CONTINGENCY PE	ERCENT.	(.00 %	)							
SUBTOTAL	), (ED 11E	7D / OO	٥. ١							22,000
SUPV, INSP & (	JVERHE.	AD (.00	6)							0
TOTAL REQUEST TOTAL REQUEST	/ DOITHT	DED /								22,000 22,000
INSTALLED EQT-	-OIHER	APPROP								( 0
10 December of Door	3 0+		Thia	itor	n nr.	orridos for	anit	toria dor	rolonmon	+ and
10.Description of Prop design and cor					_	ovides for			_	
where US Force								_	_	
wifere on roice	s are	CHE BOI	C 01	Ъттию	агу	aser as au	CIIOI .	ized by i	.0 05C Z	007.
11. REQ:		NONE	ADQT	:		NONE	SI	UBSTD:		NONE
					( C11	rrent Miss		02012		110112
REQUIREMENT:						to represe		S interes	sts duri	ng the
planning, desi										
when US Forces	_				_	-		-	_	
required to as		_	_	_						
operational ar										
executive ager										
the Pacific.										
and much of th										
used to overse										
Corps of Engir										
designs, and m										
percent of the										
the Host Natio										

I.COMPONENT		0004		G011G=D11G=T01			2.DATE	
ARMY	FY	2004	MILITARY	CONSTRUCTION	N PROJE	CT DATA	06	FEB 2003
3.INSTALLATION AN	D LOCATIO	N					l	
					_			
Host Nation Su	apport,	World	wide Vario	us (Planning	and De	esign)		
4.PROJECT TITLE						5.PROJECT N	UMBER	
Planning and I	Design -	Host	Nation				5	1094

### REQUIREMENT: (CONTINUED)

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.

1 001/001777777							I 0	
1.COMPONENT	EV 2	004 <b>MIL</b>	TTADV	CONT	STRUCTION PROJ	בייי האים בייי	2.DATE	
ARMY	FI Z	004 <b>MIL</b>	LIARI	CONS	SIRUCIION PROD	ECI DAIA		FEB 2003
3.INSTALLATION AN	D LOCAT	'TON			4.PROJECT TITL	F.	06	FEB 2003
Minor Construc		101.			111100201 1112			
Worldwide Vari					Minor Const	ruction		
5.PROGRAM ELEMENT		6.CATEGORY CODE		7.PR	OJECT NUMBER		COST (\$00	00)
						Auth	( )	,
91211A		962			51083	Approp	20.	000
			9.0	OST E	STIMATES		,	
	ITEM		UM (I	M/E)	QUANTITY			
PRIMARY FACIL			011 (1	1/ 1/	QUINTITI			20,000
Minor Construction		LS					(20,000)	
SUPPORTING FAC	CILITI	ES						
ESTIMATED CONT	TRACT	COST						20,000
CONTINGENCY PR	ERCENT	(.00 %)						0
SUBTOTAL								20,000
SUPV, INSP & (	VERHE	AD (.00 %)						0
TOTAL REQUEST								20,000
TOTAL REQUEST	(ROUN	DED)						20,000
INSTALLED EQT-	· -OTHER	APPROP						(0)
~								
10.Description of Prop	osed Cons	truction Unsi	oecif:	ied n	ninor construc	tion pro	iects wh	ich have
a funded cost	of \$1							
conversion of								
2805. The fund								
to correct a c								
safety threate		-			J.			
11. REQ:		NONE ADQ	Γ:		NONE S	UBSTD:		NONE
PROJECT: Mind	or Mil	itary Constru	uction	n, Wo	orldwide			
REQUIREMENT:	This	line item is	s need	ded t	o provide for	Unspeci:	fied Min	or
Construction I	rogra	m projects fo	or wh	ich t	he need canno	t reason	ably be	foreseen
nor justified								
program.					-		•	_
CURRENT SITUAT	CION:	These urge	nt un:	forse	en projects a	ddress h	igh nati	onal
priorities suc								
and provide for								
projects canno								
1 - 5			'					

I.COMPONENI	<b>FY</b> 2004	MILITARY CONSTRUCTION	PROJECT DATA	Z.DAIE
ARMY	22 2001		11100201 21111	06 FEB 2003
3.INSTALLATION AN	D LOCATION			
Minor Construc	ction, Worldwi	de Various		
4.PROJECT TITLE			5.PROJECT 1	NUMBER
Minor Construc	ction			51083

IMPACT IF NOT PROVIDED: If this line item is not provided, unforeseen
mission requirements, environmental protection, and critical
life/health/safety issues will not be adequately addressed.
ADDITIONAL: These projects will be coordinated with the installation
physical security and force protection plans. All required physical security
and force protection measures will be included. These projects will not be
eligible for Host Nation funding.

1.COMPONENT									2.DATE	
	<b>FY</b> 2	004	MIL	ITARY	CON	STRUCTION P	PROJE	CT DATA		
ARMY									06	FEB 2003
3.INSTALLATION AN	D LOCAT	ION				4.PROJECT T	TITLE			
Planning and I										
Worldwide Vari	ious					Planning	g and	Design		
5.PROGRAM ELEMENT	ı	6.CATE	GORY CODE	]	7.P	ROJECT NUMBER		8.PROJECT	COST (\$00	00)
								Auth		
91211A			000			51092		Approp	100,	710
				9.0	OST	ESTIMATES				
	ITEM			UM (I	M/E)	QUAN'	TITY			
PRIMARY FACILI	YTI									100,710
Planning and I	Design			LS						(100,710)
SUPPORTING FAC	CILITI	E <u>S</u>								
ESTIMATED CONT	TRACT	COST								100,710
CONTINGENCY PE	ERCENT	(.00	) %)							0
SUBTOTAL										100,710
SUPV, INSP & (	OVERHE	AD (	.00 %)							0
TOTAL REQUEST										100,710
TOTAL REQUEST	(ROUN	DED)								100,710
INSTALLED EQT-			OΡ							(0)
~										, ,
10.Description of Prop	osed Cons	truction	This	s iter	n pr	ovides for:	par	ametric	concep	t, and
final design of										
engineering; a										
in conjunction									-	
			-							
11. REQ:		NONE	ADQ'	г:		NONE	SU	BSTD:		NONE
	nning	and de	~		(Cu	rrent Missi	on)			
REQUIREMENT:						to provide		on and e	engineer	ing
services for a										
projects, incl										
criteria and s	_		_		_			_		_
is dissimilar										
reflective of										
construction p										
(USACE) distri										
administrative										
of final corre										
FY 2004 progra										
for initiation										

1.COMPONENT						2.DATE	
	FY	2004	MILITARY CONST	RUCTION PR	OJECT DATA		
ARMY						06 FEB 2	2003
3.INSTALLATION AN	D LOCATIO	N					
Planning and I	esign,	World	vide Various				
4.PROJECT TITLE					5.PROJECT N	UMBER	
Planning and I	esign					51092	

## REQUIREMENT: (CONTINUED)

annual planning and design requirement includes value engineering, the costs to update standards and criteria, guide specifications, technical manuals, and the cost to continue the Department of the Army Facility Standardization Program.



# **Army Family Housing**

FY 2004/FY 2005 Biennial Budget Estimates
Justification Data Submitted to Congress
February 2003

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# ARMY FAMILY HOUSING FY 2004 BUDGET ESTIMATE TABLE OF CONTENTS

BUDGET SUMMARY
Summary
NEW CONSTRUCTION1
POST ACQUISITION CONSTRUCTION
PLANNING & DESIGN7
OPERATIONS AND MAINTENANCE SUMMARY
OPERATIONS
MAINTENANCE  Maintenance & Repair Summary (Exhibit OP-5)
UTILITIES Summary (Exhibit OP-5)11
LEASING Summary (Exhibit OP-5)
PRIVATIZATION Summary (Exhibit OP-5)
DEBT PAYMENT
REIMBURSABLE PROGRAM13

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# ARMY FAMILY HOUSING FY 2004 BUDGET ESTIMATE SUMMARY

#### (\$ in Thousands)

		<b>V</b> 1	,	
FY	2004	Authorization	Request	\$1,401,917
FY	2004	Appropriation	Request	\$1,399,917
FΥ	2003	Appropriation		\$1,405,620

## PURPOSE AND SCOPE

The Army Family Housing (AFH) Budget supports the operation, maintenance, leasing, privatization and construction of military family housing located worldwide. This budget supports the Army Family Housing Master Plan. The Army's investment required from FY2003 to FY2007 to eliminate all inadequate family housing is estimated at \$5 billion. Using a combination of privatization, traditional military construction, and operations and maintenance support, the FY2004 Budget Request supports DoD's goal of funding the elimination of inadequate family housing units by 2007.

## PROGRAM SUMMARY

Authorization is requested for the performance of certain construction, \$358,891,000, summarized hereafter, which includes the use \$2,000,000 in funds appropriated in prior years.

Appropriation of \$1,399,917,000 is requested to fund:

- a. This Family Housing Construction; and
- b. Family Housing Operations already authorized in existing legislation.

# ARMY FAMILY HOUSING FY 2004 BUDGET ESTIMATE SUMMARY (Continued)

# REQUEST

A summary of the Fiscal Year 2004 AFH funding program follows:

CONSTRUCTION REQUEST  New Construction  Post Acquisition Construction  Advance Planning & Design	(\$ in Thousands)  126,600 197,803 32,488	(\$ in Thousands) \$356,891
OPERATION AND MAINTENANCE REQUEST Operation Utilities Maintenance of Real Property Leasing - World-wide Privatization Mortgage Insurance Premiums	179,030 167,332 432,605 234,471 29,587	\$1,043,026
TOTAL FAMILY HOUSING APPROPRIATION REQUEST		\$1,399,917
REIMBURSABLE PROGRAM		\$22,000
TOTAL FAMILY HOUSING PROGRAM		\$1,421,917

# DEPARTMENT OF THE ARMY FISCAL YEAR 2004 ARMY FAMILY HOUSING NEW CONSTRUCTION (PART IIA) (DOLLARS ARE IN THOUSANDS) INSIDE THE UNITED STATES

STATE	PROJECT	INSTALLATION (COMMAND/REGION)	AUTHORIZATION AP	
	NUMBER	PROJECT TITLE		PROPRIATION
Alaska		Fort Wainwright (USARPAC/PARO)		
	57785	Family Housing New Construction	44,000	44,000
	ST	JBTOTAL Fort Wainwright PART IIA	\$ 44,000	
	*	TOTAL AFH FOR Alaska	\$ 44,000	44,000
Arizona		Fort Huachuca (TRADOC/SWRO)		
	58604	Family Housing Replacement Construction	27,000	27,000
	Sī	JBTOTAL Fort Huachuca PART IIA	\$ 27,000	27,000
	*	TOTAL AFH FOR Arizona	\$ 27,000	27,000
Kentucky		Fort Knox (TRADOC/SERO)		
	58677	Family Housing Replacement Construction	41,000	41,000
	SI	JETOTAL Fort Knox PART IIA	\$ 41,000	41,000
	*	TOTAL AFH FOR Kentucky	\$ 41,000	41,000
New Mexico	)	White Sands Missile Range (ATEC/SWRO)		
	34082	Family Housing Replacement Construction	14,600	14,600
	SI	JBTOTAL White Sands Missile Range PA	\$ 14,600	14,600
	*	TOTAL AFH FOR New Mexico	\$ 14,600	14,600
**	TOTAL INS	SIDE THE UNITED STATES FOR AFH	\$ 126,600	126,600
MILIT	ARY CONSTI	RUCTION (PART IIA) TOTAL	\$ 126,600	126,600

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# DEPARTMENT OF THE ARMY FISCAL YEAR 2004 ARMY FAMILY HOUSING POST ACQUISITION (PART IIB) (DOLLARS ARE IN THOUSANDS) INSIDE THE UNITED STATES

STATE	PROJECT	INSTALLATION (COMMAND/REGION)	AUTHORIZATION AP	PROPRIATION
	NUMBER	PROJECT TITLE	REQUEST	REQUEST
New York	:	Fort Drum (FORSCOM/NERO)		
	58559	Family Housing Privatization	52,000	52,000
	SI	UBTOTAL Fort Drum PART IIB	\$ 52,000	52,000
		United States Military Academy (USMA/NERO)		
	56102	Family Housing Improvements	530	530
	SI	UBTOTAL United States Military Academy	\$ 530	530
	*	TOTAL AFH FOR New York	\$ 52,530	52,530
Pennsylv	ania	Carlisle Barracks (TRADOC/NERO)		
	59123	Family Housing Privatization	22,000	22,000
	SI	UBTOTAL Carlisle Barracks PART IIB	\$ 22,000	22,000
	*	TOTAL AFH FOR Pennsylvania	\$ 22,000	22,000
Texas		Fort Bliss (TRADOC/SWRO)		
	57813	Family Housing Privatization	38,000	38,000
	SI	UBTOTAL Fort Bliss PART IIB	\$ 38,000	38,000
		Fort Sam Houston (MEDCOM/SWRO)		
	57811	Family Housing Privatization	6,600	6,600
	SI	UBTOTAL Fort Sam Houston PART IIB	\$ 6,600	6,600
	*	TOTAL AFH FOR Texas	\$ 44,600	44,600
Utah		Dugway Proving Ground (AMC/NWRO)		
	56176	Family Housing Improvements	3,200	3,200
	SI	UBTOTAL Dugway Proving Ground PART I	\$ 3,200	3,200
	*	TOTAL AFH FOR Utah	\$ 3,200	3,200
	** TOTAL IN	SIDE THE UNITED STATES FOR AFH	\$ 122,330	122,330

# DEPARIMENT OF THE ARMY FISCAL YEAR 2004 ARMY FAMILY HOUSING POST ACQUISITION (PART IIB) (DOLLARS ARE IN THOUSANDS) OUTSIDE THE UNITED STATES

STATE		INSTALLATION (COMMAND/REGION)		
	PROJECT		AUTHORIZATION APP	ROPRIATION
	NUMBER	PROJECT TITLE	REQUEST	REQUEST
Germany		Germany Various (USAREUR/EURO)		
	i	Ansbach Storck Barracks		
	55859	Family Housing Improvements	18,973	18,973
	1	Baumholder Fam Hsg		
	56341	Family Housing Improvements	11,600	11,600
	]	Baumholder Wetzel Family Housing		
	56379	Family Housing Improvements	14,000	14,000
	I	Mannheim Benjamin Franklin Vil Fam Hsg		
	56559	Family Housing Improvements	16,500	16,500
	Ţ	Wiesbaden Crestview Housing		
	55880	Family Housing Improvements	14,400	14,400
	SI	UBTOTAL Germany Various PART IIB	\$ 75,473	75,473
	*	TOTAL AFH FOR Germany	\$ 75,473	75,473
*	* TOTAL OU	ISIDE THE UNITED STATES FOR AFH	\$ 75,473	75,473
			105.000	100.000
MILI	TARY CONST	RUCTION (PART IIB) TOTAL	\$ 197,803	197,803

# ARMY FAMILY HOUSING FY 2004 BUDGET ESTIMATE PERFORMANCE METRICS

The Army's investment goal is to eliminate all inadequate family housing by FY 2007. The performance metric "inadequate family housing units" is below. The FY 2004 budget will fund the elimination of 4,609 inadequate family housing units. Of these, 1,648 inadequate units are replaced, improved, or revitalized through traditional construction and improvement projects. Four family housing privatization projects are funded in FY 2004, which address 2,639 inadequate units. Another 322 inadequate units are reduced from the inventory during FY 2004 by being demolished or combined with other inadequate units to reduce the number of inadequate units.

Inadequate Family Housing Inventory

Beginning FY 2002 Government Owned Inventory: 101,796

Total Inadequate Units: 66,967

Percent Inadequate: 65.79%

## Funded Annual Drawdown of Inadequate Units

 FY 02
 FY 03
 FY 04
 FY 05
 FY 06
 FY 07
 FY 08
 FY 09

 15677
 15805
 4,609
 15,558
 8,359
 6,959
 0
 0

	Total	Total
	Inadequate	Inadequate
	Inventory	Addressed
Units at beginning of FY 2004	34,593	4,609
FY 2004 traditional construction, improvement and O&M		
projects to eliminate inadequate units		
Improve/Ansbach 235th BSB	596	108
Improve/Baumholder 222rd BSB	1,204	208
Improve/Dugway Proving Grounds	260	29
Improve/Mannheim 293rd BSB	1,540	96
Improve/West Point Military Academy	196	56
Improve/Wiesbaden 221st BSB	1,079	96
Replace/Fort Huachuca	1,486	160
Replace/Fort Knox	3,007	178
Replace/White Sands Missile Range	415	58
Revite/Baumholder 222rd BSB	996	73
Revite/Darmstadt 233rd BSB	731	83
Revite/Mannheim 293rd BSB	1,444	285
Revite/Red River Army Depot	1	1
Revite/Stuttgart 6th ASG	836	68
Revite/Vilseck 409th BSB	136	29
Revite/Wuerzburg 417th BSB	776	120
		1,648

# ARMY FAMILY HOUSING FY 2004 BUDGET ESTIMATE PERFORMANCE METRICS (Continued)

	Total	Total
	Inadequate	Inadequate
	Inventory	Addressed
FY 2004 funded privatization projects to eliminate	Í	
inadequate housing		
RCI/Fort Sam Houston	315	315
RCI/Fort Bliss	2,045	2,045
RCI/Fort Drum	2	2
RCI/Carlise Barracks	277	277
		2,639
Units demolished/otherwise permanently removed from		
family housing inventory	100	
Demolition/Bad Aibling Station ¹	122	61
Demolition/Mannheim 293rd BSB	1,159	15
Demolition/Schweinfurt 280th BSB	545	18
Demolition/Stuttgart 6th ASG	768	41
Demolition/Vilseck 409th BSB	107	3
Demolition/Wiesbaden 221st BSB	983	37
Demolition/Letterkenney	8	5
Demolition/Watervliet Arsenal	46	26
Demolition/West Point Military Academy	140	1
Demolition/Indiana Army Ammunition Plant	25	25
Demolition/Iowa Army Ammunition Plant	2	1
Demolition/Fort Huachuca	1,326	86
Demolition/Yuma Proving Grounds	242	3
Projects added by Congress in previous FY	None	322
II.' 1 CFV 2004	20.004	4.600
Units at end of FY 2004	29,984	4,609

Note: Fort Drum Privatization - The Army's Family Housing Master Plan (FHMP) indicates that 2 of Fort Drum's inventory of 2,272 units are inadequate. In addition, there are currently 2000 family housing off-post leases. These Section 2835 ("801") leases will expire beginning in early FY2008. Privatization will consider acquisition or new lease contracts for the existing adequate leases in the project scope. Many of these leases are inadequate for continued use, thus creating a projected family housing deficit of 1,244 units, which must be addressed as part of the scope of this project.

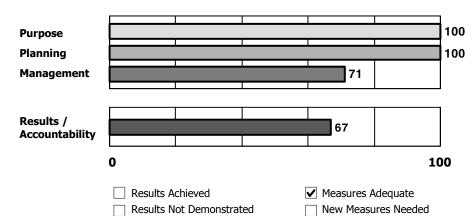
# ARMY FAMILY HOUSING FY 2004 BUDGET ESTIMATE PROGRAM ASSESSMENT RATING TOOL

The Administration has applied the Program Assessment Rating Tool (PART) to the DoD Family Housing Program. The Housing PART received high scores for purpose and planning. It also revealed that DoD needs to work toward eliminating inadequate housing by 2007, eliminate all out-of-pocket housing expenses, and privatize government-owned housing, where feasible. For more details see Exhibit on the administration's key performance measures on the next page.

# **Program:** Housing

**Agency:** Department of Defense--Military

**Bureau:** Military Personnel



### Key Performance Measures

# Year Target Actual

Long-term Measure: Reduce the number of inadequate houses to zero by 2007	2002	153,249	163,195
reduce the number of inducquate nouses to zero by 2007	2003	125,366	
	2004	98,953	
			10,284
Annual Measure: Number of housing units privatized	2002	13,905	10,284
Trainbel of Hodeling dille privated	2003	34,649	
	2004	41,258	
Annual Measure: Percent of service members out-of-pocket housing	2002	11.3%	11.3%
expenses as a fraction of the national median housing costs	2003	7.5%	
	2004	3.5%	
	2005	0%	

# **Rating:** Moderately Effective

**Program Type:** Direct Federal

## **Program Summary:**

DoD's housing program provides housing to military service members and their families. DoD does this in two ways -- by providing housing allowances (BAH) to service members (who find housing in the private sector or in privatized housing on-base) or by providing members DoD-owned housing.

- 1. The PART reveals that DoD received high scores for the purpose and planning sections because the housing program meets the specific needs of the military and has long-term and short-term goals.
- 2. The PART shows that, even though DoD has an ambitious goal of eliminating the number of inadequate houses by 2007 (a Presidential Management Initiative), DoD is lagging behind in meeting its targets as shown in the performance measures table on the left. At the end of 2002, DoD owned 163,195 inadequate housing units, higher than what was projected.
- 3. However, DoD met its goal for reducing service member out-of-pocket housing expenses to 11.3% by increasing housing allowances in 2002.
- 4. DoD is making attempts to reduce the federal role by increasing both allowances and privatization of government-owned housing.

Based on these findings, the Administration will:

- 1. Work toward meeting yearly targets so that DoD can eliminate all inadequate housing by 2007.
- 2. Eliminate all out-of-pocket housing expenses by providing an appropriate housing allowance.
- 3. Privatize government-owned housing, where feasible, so that military service members and their families can live in quality housing.

(For more information on this program, please see the Department of Defense chapter in the Budget volume.)

# Program Funding Level (in millions of dollars)

2002 Actual	2003 Estimate	2004 Estimate	
11,946	13,086	14,156	

# ARMY FAMILY HOUSING FY 2004 BUDGET ESTIMATE AUTHORIZATION AND APPROPRIATION LANGUAGE

## AUTHORIZATION LANGUAGE

## SEC. 2102. FAMILY HOUSING

(a) CONSTRUCTION AND ACQUISITION.--Using amounts appropriated pursuant to the authorization of appropriations in section 2104(a)(5)(A), the Secretary of the Army may construct or acquire family housing units (including land acquisition) at the installations, for the purposes, and in the amounts set forth in the following table:

Army: Family Housing

State	Installation	Purpose	Amount
Alaska	Fort Wainwright	100 units	44,000,000
Arizona	Fort Huachuca	160 units	27,000,000
Kentucky	Fort Knox	178 units	41,000,000
New Mexico	White Sands Missile Range	58 units	14,600,000
		Total	126,600,000

(b) PLANNING AND DESIGN.-- Using amounts appropriated pursuant to the authorization of appropriations in section 2104(a)(5)(A), the Secretary of the Army may carry out architectural and engineering services and construction design activities with respect to the construction or improvement of family housing units in an amount not to exceed [\$15,653,000] \$34,488,000.

### SEC. 2103. IMPROVEMENTS TO MILITARY FAMILY HOUSING UNITS.

Subject to section 2835 of title 10, United States Code, and using amounts appropriated pursuant to the authorization of appropriations in section 2104(a)(5)(A), the Secretary of the Army may improve existing military family housing in an amount not to exceed [\$239,751,000] \$197,803,000.

# ARMY FAMILY HOUSING FY 2004 BUDGET ESTIMATE AUTHORIZATION AND APPROPRIATION LANGUAGE (Continued)

SEC. 2104. AUTHORIZATION OF APPROPRIATIONS, ARMY.

- (a) IN GENERAL.
- (6) For military family housing functions:
- (A) For construction and acquisition, planning and design, and improvements of military family housing and facilities, [\$280,356,000] \$356,891,000.
- (B) For support of military family housing (including the functions described in section 2833 of title 10, United States Code), and notwithstanding other provisions of law, for support of military family housing authorized in subchapter IV of title 10, United States Code [\$1,119,007,000] \$1,043,026,000.

## APPROPRIATION LANGUAGE

Family Housing Construction, Army

For expenses of family housing for the Army for construction, including acquisition, replacement, addition, expansion, extension, alteration and privatization, as authorized by law, [280,356,000] \$356,891,000, to remain available until [September 30, 2007] September 30, 2008.

Family Housing Operation and Maintenance, Army

For expenses of family housing for the Army for operation and maintenance, including debt payment, leasing, privatization, minor construction, principal and interest charges, and insurance premiums, as authorized by law, [\$1,119,007,000] \$1,043,026,000.

# ARMY FAMILY HOUSING FY 2004 BUDGET ESTIMATE Items of Interest - MILCON Appropriations Committees

Appropriations Conference Report #107-246

# General and Flag Officer Quarters, Maintenance and Repair over \$35K

Section 127, the Committee directed the Services to notify Congress before spending more than \$35,000 per unit annually. The Army will prepare notification as projects occur. (See Tab, GFOQ over \$35K)

# General and Flag Officer Quarters, Cost Reports

Section 127, the Committee directed the Under Secretary of Defense (Comptroller) to report annually all operations and maintenance expenditures for each individual general or flag officer quarters for the prior fiscal year. (Submitted separately at end of fiscal year)

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# ARMY FAMILY HOUSING FY 2004 BUDGET ESTIMATE NEW CONSTRUCTION

		(\$ in	Thousands)	
FY	2004	Authorization	Request	\$126,600
FΥ	2004	Appropriation	Request	\$126,600
FΥ	2003	Appropriation		\$27.942

## PURPOSE AND SCOPE

This program provides for construction where analysis indicates it will be more economical to build new units rather than revitalize exiting Army housing. New units are also built when adequate off post housing is not available. Cost estimates include site preparation, demolition, construction, and initial outfitting with fixtures and integral equipment, along with associated facilities such as roads, driveways, walks, utility systems, and community facilities.

## PROGRAM SUMMARY

Authorization is requested in FY 2004 for:

- 1. Construction of 496 family housing units including 100 units where none currently exist and 396 units which are not economical to revitalize and which will be demolished.
- 2. Appropriation in the amount of \$126,600,000 to fund construction of 496 family housing units and demolition of 396 existing family housing units.

# ARMY FAMILY HOUSING FY 2004 BUDGET ESTIMATE NEW CONSTRUCTION (Continued)

A summary of the requested new construction funding program for FY 2004 follows:

		Number	of Units	Amount
Location	<u>Mission</u>	Constr.	Demolished	(\$000)
Fort Wainwright, AK	New	100	0	44,000
Fort Huachuca, AZ	Current	160	160	27,000
Fort Knox, KY	Current	178	178	41,000
White Sands M. Range, NM	Current	58	58	14,600
TOTAL		496	396	126,600

. COMPONENT	FY	2004-2005 MILITARY	CONSTRU	CTION PRO	GRAM		2. D	ATE
ARMY								UARY 2003
INSTALLATION AND LO	OCATION	4. COMMAND					5. A	REA CONSTRUCTION
		İ					O	OST INDEX
Fort Wainwright		US Army Pacific						
Alaska		(Installation Manag	gement A	cty, Paci	fic Regi	on)		2.03
6. PERSONNEL STRENG	FIH: PERMAN	ENT STUDI	ENTS		SUPPOR	TED		
	OFFICER ENLI	ST CIVIL OFFICER E	NLIST CI	VIL OFFI	CER ENLI	ST C	IVIL '	TOTAL
A. AS OF 30 SEP 200	02 544 40	55 655 0	0	0	8	42	1111	6,415
B. END FY 2009	601 44	63 685 0	0	0	1	0	1046	6,796
		7. INVENTORY						
A. TOTAL AREA			1,600,69					
		EP 2002					07,565	
		VENTORY					71,297	
		THE FY 2004 PROGRAM					44,000	
		THE FY 2005 PROGRAM					87,000	
		(NEW MISSION ONLY).					14 000	
							14,800 24,662	
H. GRAND TOTAL.						3,0	24,002	
8 DBUTEGE VDDBUDB	TATTONS PROTEST	ED IN THE FY 2004 P	росрам:					
CATEGORY PROJECT		D IIV III II 2001 II	1001411		COST		DESTG	N STATUS
CODE NUMBER		OJECT TITLE			(\$000)			COMPLETE
		ng New Construction			44,0			RNKEY
	2	<b>J</b>			,			
			TOTA	L	44,0	000		
9. FUTURE PROJECT A	APPROPRIATIONS:							
CATEGORY					COST			
CODE	PRO	OJECT TITLE			(\$000)			
A. REQUESTED IN	N THE FY 2005 P	ROGRAM:						
711	_	ng Replacement Const		L	50,0			
711	Family Housi	ng New Construction			37,0	00		
				т.	07 C	100		
			TOTA		07,0			
D 27.00-	n nown	WENDS (1977) 1977			67,0			
B. PLANNED NEX	r four program	YEARS (NEW MISSION (		NONE	07,0			
			ONLY):	NONE		ī / Þ		
				т.	97 (	00		
			ONLY):	NONE		<b>1/</b> Δ		
		YEARS (NEW MISSION (	ONLY):	NONE		I/A		
			ONLY):	NONE		I/A 		
	STAINMENT, REST		ONLY):	NONE		I/A 		
C. DEFERRED SUS	STAINMENT, REST		ONLY): IZATION	NONE (SRM):	Ν		al inte	rests and
C. DEFERRED SUS	STAINMENT, RESTO	ORATION, AND MODERN	ONLY): IZATION fense of	NONE (SRM):	Nates na	tion		
C. DEFERRED SUS	STAINMENT, RESTO	ORATION, AND MODERN.	ONLY): IZATION fense of	NONE (SRM):	Nates na	tion		
C. DEFERRED SUS	STAINMENT, RESTO	ORATION, AND MODERN.	ONLY): IZATION fense of	NONE (SRM):	Nates na	tion		
C. DEFERRED SUS	STAINMENT, RESTO	ORATION, AND MODERN.	ONLY): IZATION fense of	NONE (SRM):	Nates na	tion		
C. DEFERRED SUS	STAINMENT, RESTO	ORATION, AND MODERN.	ONLY): IZATION fense of	NONE (SRM):	Nates na	tion		
C. DEFERRED SUS	STAINMENT, RESTO	ORATION, AND MODERN.	ONLY): IZATION fense of	NONE (SRM):	Nates na	tion		
C. DEFERRED SUS	STAINMENT, RESTO	ORATION, AND MODERN.	ONLY): IZATION fense of	NONE (SRM):	Nates na	tion		

. COMPONENT	FY 2004-2005 MILITARY CONSTRUCTION	ON PROGRAM	2. DATE
ARMY			FEBRUARY 2003
	<del>!</del>		ļ
TNSTALLATION	I AND LOCATION: Fort Wainwright	Alaska	
IIVOIALLATION	AND LOCATION FOR WALLWITIGHT	ATaska	
11. OUTSTANDING POL	LUTION AND SAFETY DEFICIENCIES:		
		(\$00	00)
A. AIR POLLUTIC	N		0
B. WATER POLLUT	TION		0
C. OCCUPATIONAL	SAFETY AND HEALTH		0
REMARKS :			
	ost to remedy the deficiencies in all existing	ng permanent and se	mi-permanent family
	at this installation is \$115,969,000 based or		
		ii ciic miscattactOll	pracas vehorr (TBV)
TITOTHECTON ON CONC	litions as of August 2002.		

1.COMPONENT								2.DATE			
	<b>FY</b> 2	004	MIL	TARY	CONS	STRUCTION PROJ	ECT DATA				
ARMY							FEBR	UARY 2003			
3.INSTALLATION AND LOCATION					4.PROJECT TITLE						
Fort Wainwrigh	ıt										
Alaska					Family Housing New			Construction			
5.PROGRAM ELEMENT 6.CATEGORY CODE			7.PROJECT NUMBER 8		8.PROJECT COST (\$000)						
						Auth 44,000					
88741A			711			57785	Approp	44,000			
	9.COST ESTIMATES										
ITEM			UM (1	M/E)	QUANTITY						
PRIMARY FACILI									33,159		
_	Family Housing, 4 Bedroom				FA 100			328,520	, ,		
Building Infor	Building Information Systems			LS					(307)		
SUPPORTING FAC		<u>ES</u>							6,586		
Electric Service			LS					(311)			
Water, Sewer, Gas			LS					(3,290)			
Paving, Walks, Curbs & Gutters			LS					(682)			
Storm Drainage			LS					(253)			
Site Imp( 996) Demo( )			LS					(996)			
Information Systems			LS					(1,054)			
		~~~							20 71-		
ESTIMATED CONTRACT COST								39,745			
CONTINGENCY PERCENT (5.00%)								1,987			
SUBTOTAL								41,732			
SUPV, INSP & OVERHEAD (6.50%)								2,713			
TOTAL REQUEST								44,445			
TOTAL REQUEST (ROUNDED)								44,000			
INSTALLED EQT-OTHER APPROP								(0)			
						5 100 - 1					

Construction of 100 Junior noncommissioned officer 10.Description of Proposed Construction (NCO) units on the South Post area of Fort Wainwright. This new construction will provide 100 4-bedroom units of noncommissioned officer family housing in variously configured multi-family structures with attached garages. The exterior elevations of the proposed facilities will incorporate, to the greatest extent possible, the architectural elements and themes adopted by the Fort Wainwright Housing Community Plan. The project will provide all equipment and appliances for functional living units. Supporting facility work includes construction of utility tunnels, providing the required electrical, water, sewage and steam distribution and steam condensation return systems; constructing access streets, driveways, sidewalks and privacy fencing at the rear of each unit, a neighborhood tot lot and play area, re-vegetating and landscaping the neighborhood open spaces, and landscaping the neighborhood streetscapes. At least five percent of the quarters will be constructed such that they are accessible or easily modifiable to accommodate requirements of the handicapped. The coal-fired central plant supplies heating.

1.COMPONENT							2.DATE
	FY	2004	MILITARY	CONSTRUCT	CION PROJ	ECT DATA	
ARMY							FEBRUARY 2003
3.INSTALLATION AN	ND LOCATIO	N					
Fort Wainwrigh	ht, Alas	ska					
4.PROJECT TITLE						5.PROJECT N	UMBER
TT 2 T 2 2	37 0	anat will					57785
Family Housing	g New Co	JIIS CI UC	CLION				31103
ramily Housing	g New Co	JIISCI UC	SCION				37703
	_			: (CONTI	NUED)		37703
DESCRIPTION OF	_	SED CON	NSTRUCTION		NUED) UNITS	TOTAL	COST
Family Housing DESCRIPTION OF GRADE BEDROOF	F PROPOS	SED CON	NSTRUCTION			TOTAL	
DESCRIPTION OF	F PROPOS	SED CON	NSTRUCTION	\$/NSM		TOTAL \$32,8	COST
DESCRIPTION OF	F PROPOS OM (Gros	SED CON	NSTRUCTION () FACTOR	\$/NSM	UNITS	-	COST

<u>PROJECT:</u> Construct 100 junior noncommissioned officer family housing quarters to current construction standards including supporting infrastructure, energy conservation and neighborhood amenities. Project supports deployment of the Stryker Brigade Combat Team. (New Mission)

<u>REQUIREMENT:</u> This project is required to support deployment of the Stryker Brigade Combat Team by providing family housing, neighborhood amenities, and support facilities to meet current standards of quality of life, energy conservation, size, habitability, and safety.

CURRENT SITUATION: Fort Wainwright faces an acute shortage of adequate family housing. Existing and projected quantities of adequate off-post family housing is extremely limited to the extent that it cannot satisfy requirements. The existing on-post 8-plex housing inventory was constructed in the late 1940s and early 1950s. The housing units are significantly undersized, with NCO families living in 3-bedroom dwelling units of approximately 790-NSF and 2-bedroom dwelling units of approximately 650-NSF. These units have had no major improvements since original construction. Kitchens and bathrooms are poorly arranged, worn out, and need replacement. The units provide only one bathroom which is located on the second floor, and have no garages. Because of the small net living area, many families use the unfinished basements as children play areas and for storage. The basements provide no fire egress and were not designed or intended as living area. The existing structures have insufficient insulation, resulting in uneven heating and contributing to excessively high energy costs. While most asbestos insulation has been removed from the heating pipes over the last two decades, some remains in the basement spaces. Partition walls between units are not 2-hour fire rated and have no sound proofing, thus creating a "boarding house," rather than a private home atmosphere. Interior electrical systems are inadequate for the needs of modern family living. Many of the utilities do not meet code requirements, and deterioration has begun to generate maintenance and reliability concerns. Overhead power and telephone lines are deteriorated, unsightly, and subject to ice damage. Many units do not have sidewalks or privacy fencing. Neighborhood recreational facilities consist of inadequate tot lots. The density of the housing units and the layout of central parking courts has resulted in crowded conditions with inadequate parking. Each unit has only one off-street parking space with no visitor parking available. On-street parking results in traffic congestion and difficulty in seeing children at play.

IMPACT IF NOT PROVIDED: If this project is not provided, service members will either not find housing for their families or will have to reside in

1.COMPONENT	FY 2004	MTT.TTARY	CONSTRUCTION	PROJEC	T DATA	2.DATE
ARMY			001121110011011	111002		FEBRUARY 2003
3.INSTALLATION AN	D LOCATION					
Fort Wainwrigh	it, Alaska					
4.PROJECT TITLE				!	PROJECT I	NUMBER
Family Housing	New Construc	ction				57785

IMPACT IF NOT PROVIDED: (CONTINUED)

inadequate housing that does not provide an acceptable quality of life, which adversely affects the health, safety, and quality of life of these enlisted personnel and their families.

<u>ADDITIONAL:</u> This project has been coordinated with the installation physical security plan and no anti-terrorism/force protection or physical security measures are required. The life cycle cost analysis shows new construction to be more cost effective than all other feasible alternatives. Sustainable principles will be integrated into the development, design and construction of the project in accordance with Executive Order 13123 and other applicable laws and executive orders.

JOINT USE CERTIFICATION: The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. This facility will be available for use by other components.

Installation Engineer: Mr. Tom Petersen

Phone Number: (907) 384-3005

MILITARY FAMILY HOUSING JUS	TIFICATION		1. DATE OF REP Februa	ort a ry 2003	2. FISCAL YEAR 2004				
3. DOD COMPONENT ARMY 5. DATA AS OF	4. REPORTING IN a. NAME Fort Wainw A02871			b. LOCATION Fort Wainv AK 99703					
ANALYSIS		CU	RRENT		PROJECTED				
OF	OFFICER	E9 - E4	E3 - E1	TOTAL	OFFICER	E9 - E4	E3 - E1	TOTAL	
REQUIREMENTS AND ASSETS	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	
6. TOTAL PERSONNEL STRENGTH	539	3,395	804	4,738	641	4,061	963	5,665	
7. PERMANENT PARTY PERSONNEL	539	3,395	804	4,738	641	4,061	963	5,665	
8. GROSS FAMILY HOUSING REQUIREMENTS	405	2,556	249	3,210	482	3,058	299	3,839	
9. TOTAL UNACCEPTABLY HOUSED (a+b+c)	0	466	96	562					
a. INVOLUNTARILY SEPARATED				0					
b. IN MILITARY HOUSING TO BE									
DISPOSED/REPLACED				0					
c. UNACCEPTABLY HOUSED -									
IN COMMUNITY		466	96	562					
10. VOLUNTARY SEPARATIONS	5	100	9	114	6	120	11	137	
11. EFFECTIVE HOUSING REQUIREMENTS	400	2,456	240	3,096	476	2,938	288	3,702	
12. HOUSING ASSETS (a + b)	400	1,990	144	2,534	476	2,056	145	2,677	
a. UNDER MILITARY CONTROL	124	1,558	137	1,819	143	1,539	137	1,819	
(1) Housed in Existing DOD Owned/Controlled	124	1,558	137	1,819	143	1,539	137	1,819	
(2) Under Contract / Approved							0	0	
(3) Vacant				0					
(4) Inactive				0					
b. PRIVATE HOUSING	276	432	7	715	333	517	8	858	
(1) Acceptably Housed	276	432	7	715					
(2) Acceptable Vacant Rental				0					
13. EFFECTIVE HOUSING DEFICIT	0	466	96	562	0	882	143	1,025	
14. PROPOSED PROJECT						100		100	

15. REMARKS (Specify item number)
Line 14: This project constructs 100 new Junior NCO units to support the strength increase associated with the SBCT.

Junior NCO

100 4 Bedroom Units

DD Form 1523, NOV 90

Previous editions are obsolete

1. COMPONENT	FY	2004-2005 N	/ILITARY	CONSTR	UCTION E	PROGRAM		2. D	ATE
ARMY								FEBR	UARY 2003
3. INSTALLATION AND LO	CATION	4. CON	MAND					5. A	REA CONSTRUCTION
									OST INDEX
Fort Huachuca		US Army Tra	aining a	nd Doat	rine Con	mand			OOI IIVDEN
		_					Dani an		1 11
Arizona		(Installati	LON Mana	genent	ACLY, SC	outriwest	Region	1)	1.11
6 DEDGONATE GENERAL			~~~			~~~			
6. PERSONNEL STRENG				ENTS			PORTED		
	OFFICER ENLI								TOTAL
A. AS OF 30 SEP 200	2 589 33	87 2122	403	2009	7	61	296	3088	11,962
B. END FY 2009	596 35	08 2174	376	2122	12	60	292	3093	12,233
		7.]	INVENTOR	Y DATA	(\$000)				
A. TOTAL AREA		41,036 ha	a.	(101,4	01 AC)				
B. INVENTORY TOT	AL AS OF 30 S	EP 2002					1,9	36,378	
C. AUTHORIZATION	NOT YET IN IN	VENTORY						39,827	
D. AUTHORIZATION	REQUESTED IN	THE FY 2004	PROGRAM	I				27,000	
E. AUTHORIZATION	REQUESTED IN	THE FY 2005	PROGRAM	I				39,000	
F. PLANNED IN NE	XT FOUR YEARS	(NEW MISSION	ONLY).					0	
G. REMAINING DEF								16,500	
H. GRAND TOTAL								58,705	
ii. dana idira						• •	2,0	30,703	
8. PROJECT APPROPRI	ATIONS REQUEST	ED IN THE FY	7 2004 P	ROGRAM:					
CATEGORY PROJECT			2001 1	1100111		COS	ST	DESTG	N STATUS
CODE NUMBER		OJECT TITLE					00)		COMPLETE
	Family Housi		ont Cond	taratio	n		7,000		RNKEY
711 30004	radility nousi	ng kepiacena	eric coris	CLUCCIO	11	2.	,000	10	ITWE!
				TOT	י ז ד	25	7,000		
				101	ALI	۷.	,000		
9. FUTURE PROJECT A	PPROPRIATIONS:								
CATEGORY						COS	ŽT.		
	DE	OTEGE ETER							
CODE		OJECT TITLE				(\$00	JU)		
A. REQUESTED IN									
711	Family Housi	ng Replaceme	ent Cons	tructio	n	39	000,		
				TOT	AL	39	000,		
B. PLANNED NEXT	FOUR PROGRAM	YEARS (NEW N	MISSION	ONLY):	NONE				
C. DEFERRED SUS	TAINMENT, RESI	ORATION, ANI) MODERN	IIZATION	(SRM):		N/A		

10. MISSION OR MAJOR FUNCTIONS:

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

1. COMPONENT ARMY	FY 2004-2005 MILITARY CONSTRUCTION	PROGRAM	2. DATE FEBRUARY 2003
INSTALLATION	I AND LOCATION: Fort Huachuca	Arizona	
10. MISSION OR MAJO elements.	R FUNCTIONS: (CONTINUED)		
A. AIR POLLUTIO B. WATER POLLUT		(\$000	0 0 0 0
housing facilities	tost to remedy the deficiencies in all existing that this installation is \$159,677,000 based on the litions as of August 2002.		

1.COMPONENT							2.DATE	
	FY 2	004 MIL	TARY	CON	STRUCTION PROJ	ECT DATA		
ARMY							FEBR	UARY 2003
3.INSTALLATION AN	D LOCAT	ION			4.PROJECT TITL			
Fort Huachuca					Family Hous		acement	
Arizona					Construction			
5.PROGRAM ELEMENT		6.CATEGORY CODE		7.PR	ROJECT NUMBER		COST (\$00	•
						Auth	27,0	
88741A		711			58604	Approp	27,0	00
			9.C	OST E	ESTIMATES			
	ITEM		I) MU	M/E)	QUANTITY			10.000
PRIMARY FACILI								18,898
Construct 4-BF			FA		20		154,700	
Construct 3-BF			FA		38		129,789	
Construct 2-BF	R JNCO	Units	FA		102		106,588	(10,872)
								F 02F
SUPPORTING FAC		<u>ES</u>						5,837
Electric Servi			LS					(570)
Water, Sewer,			LS					(1,552)
Paving, Walks,		s & Gutters	LS					(683)
Storm Drainage			LS					(520)
Site Imp(1,28		no(960)	LS					(2,240)
Information S_{Σ}	rstems		LS					(272)
ECTIMATED COM	יים א מיים	30.0m						24 725
ESTIMATED CONT CONTINGENCY PE								24,735 1,237
SUBTOTAL	PKCFNI	(3.00%)						25,972
SUPV, INSP & (י תוו כו קונו.	ND /E 70%\						1,480
TOTAL REQUEST) V EKHE	(2./06)						
	/ DOINT	OED /						27,452
TOTAL REQUEST								27,000
INSTALLED EQT-	-OIHEK	APPROP						(0)
10 Degarinties of Dress		Tilb o l	lo no:	ahh	orhood rouital	ination	br assat	mustion

Whole neighborhood revitalization by construction 10.Description of Proposed Construction of 160 junior noncommissioned officer (JNCO) family housing units built to current standards to replace 160 existing units constructed in 1957, which are uneconomical to revitalize. Construction consists of variously configured multi-unit, one and two story buildings which are factory built/manufactured and/or conventionally on-site constructed houses on a site made available by the demolition of 160 existing inadequate units at Miles Manor, including asbestos and lead-paint removal. The project will provide all equipment and appliances for functional living units. Supporting facility work includes reutilizing portions of existing infrastructure, constructing new underground electrical and communication distribution systems and metered service connections, new water and sewer laterals, restoring portions of existing roadways and constructing new roadways including curbs and gutters, sidewalk additions, and expansion and revitalization of existing recreation amenities. At least five percent of these units will be handicapped accessible and easily modifiable to accommodate the requirements of the handicapped.

1.COMPONI	ENT						2.D	ATE
		FY 2004	MILITA	ARY CONST	RUCTION P	ROJECT DA	ATA	
ARM	ſΥ						F	EBRUARY 2003
3.INSTAL	LATION AND LO	CATION						
Fort Hu	achuca, Ar	izona						
4.PROJECT	r TITLE					5.PROJ	JECT NUMBE	ER
Family	Housing Re	placement	Constru	action				58604
DESCRIP	TION OF PR	OPOSED CO	NSTRUCT:	ION: (CO	ONTINUED)			
	No of	Net	Gross	Gross	Project		No of	Total
Grade	Bedrooms	SF	SF	SM	Factor	\$/GSM	Units	(\$000)
 E1-E6	4	1,565	1,940	180	1.14	754	20	3,094
E1-E6	3	1,315	1,630	151	1.14	754	38	4,932
E1-E6	2	1,081	1,340	124	1.14	754	102	10,872
							=====	======
						Total	160	18,898

PROJECT: Whole neighborhood revitalization by construction of 160 junior noncommisioned officer replacement family quarters including neighborhood amenities and supporting infrastructure, all to current standards, plus demolition of 160 existing inadequate units. (Current Mission)

REQUIREMENT: This project is required to improve existing family housing living conditions for junior noncommissioned officers and their families by providing quarters that meet current standards of quality of life, energy conservation, size, habitability and safety. Existing units are deteriorated to the extent that they cannot be economically improved to meet current standards.

CURRENT SITUATION: The recently completed housing market analysis indicates that a portion of the on-post family housing is surplus based on the local community's projected ability to provide additional housing for use by military families. This is the first of several construction projects that will upgrade/replace non-surplus on-post quarters to provide fully adequate family housing by 2007 in accordance with The Army's Family Housing Master Plan. Coordination with the local community, to include impact on schools, has been initiated. Phased demolition is required in order to preclude creation of a temporary or artificial on-post deficit while bringing required housing up to standards. It will also allow the local community time to build additional housing in response to the projected increase in demand for housing by military families. The existing single story JNCO units consist of undersized two-bedroom units at 115 GSM, and three-bedroom units at 126 GSM. The units have not had any major improvements since original construction in 1957, but remain structurally sound. Asbestos and lead paint have been identified in these quarters. Current roof systems are flat "built up" roofs with obvious weathering and deterioration, and need to be replaced. Roof and wall insulation is inadequate and original single pane windows require replacement. The three-bedroom units lack a family room and interior storage space, and all units lack enclosed laundry facilities. Existing carports do not provide adequate protection for vehicles from the harsh desert environment. There is very little designated off-street parking, and sidewalks only exist along the main thoroughfare. There is a significant deficiency of tot lots and recreation facilities, and the area in general lacks any sense or appearance of a neighborhood.

1.COMPONENT	FY 2004	MTT.TTARY	CONSTRUCTION	PROJEC	מדבת די	2.DATE	
ARMY	11 2001	111111111111	CONSTRUCTION	INOUL	211111	FEBRUARY 2003	
3.INSTALLATION AN	D LOCATION						
Fort Huachuca,	Arizona						
4.PROJECT TITLE				Ĩ	.PROJECT 1	NUMBER	
Family Housing	Replacement	Construct	ion			58604	

IMPACT IF NOT PROVIDED: If this project is not provided, the quarters will continue to deteriorate with maintenance, repair and energy costs continuing to escalate. Occupants will continue to live in quarters that do not meet current standards, which adversely impacts the health, safety, and quality of life of these enlisted personnel and their families.

<u>ADDITIONAL:</u> This project has been coordinated with the installation physical security plan, and no anti-terrorism/force protection or physical security measures are required. The life cycle cost analysis shows replacement construction to be more cost effective than all other feasible alternatives. Sustainable principles will be integrated into the development, design and construction of the project in accordance with Executive Order 13123 and other applicable laws and executive orders.

JOINT USE CERTIFICATION: The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. This facility will be available for use by other components.

Installation Engineer: Mr. John A. Ruble

Phone Number: (520) 533-3141

7. PERMANENT PARTY PERSONNEL 755 2,849 506 4,110 726 2,774 453 3,95 8. GROSS FAMILY HOUSING REQUIREMENTS 585 2,196 193 2,974 607 2,121 172 2,90 9. TOTAL UNACCEPTABLY HOUSED (a+b+c) 0 160 0 160 a. INVOLUNTARILY SEPARATED 0 0 160 b. IN MILITARY HOUSING TO BE DISPOSEDIREPLACED 160 160 10. VOLUNTARY SEPARATIONS 17 40 57 16 38 55 11. EFFECTIVE HOUSING REQUIREMENTS 568 2,156 193 2,917 591 2,083 172 2,84 12. HOUSING ASSETS (a + b) 571 2,765 223 3,559 591 2,723 213 3,52 a. UNDER MILITARY CONTROL 160 1,471 125 1,756 164 1,467 125 1,75 (1) Housed in Existing DOD Owned/Controlled 160 1,471 125 1,756 164 1,467 125 1,75 (2) Under Contract / Approved 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	MILITARY FAMILY HOUSING JUS	TIFICATION		1. DATE OF REP Februa	ort a ry 2003	2. FISCAL YEAR 2004				
OFFICER E9-E4 E9-E1 TOTAL OFFICER E9-E4 E3-E1 TOTAL OFFICER E9-E4 E3-E1 TOTAL OFFICER E9-E4 E3-E1 TOTAL OFFICER E9-E4 E3-E1 TOTAL OFFICER E9-E4 E3-E1 TOTAL OFFICER E9-E4 E3-E1 TOTAL OFFICER E9-E4 E3-E1 TOTAL OFFICER E9-E4 E3-E1 TOTAL OFFICER E9-E4 E3-E1 TOTAL OFFICER E9-E4 E3-E1 TOTAL OFFICER E9-E4 E3-E1 TOTAL OFFICER E9-E4 E3-E1 TOTAL OFFICER E9-E4 E3-E1 TOTAL ODDA E3-E1 E9-E4 E3-E1 TOTAL ODDA E3-E1 E9-E4 E3-E1 TOTAL ODDA E3-E1 E9-E4 E3-E1 TOTAL ODDA E3-E1 E9-E4 E3-E1 TOTAL ODDA E3-E1 E9-E4 E3-E1 TOTAL ODDA E3-E1 E9-E4 E3-E1 TOTAL ODDA E3-E1 E9-E4 E3-E1 TOTAL ODDA E3-E1 E9-E4 E3-E1 TOTAL ODDA E3-E1 E9-E4 E3-E1 TOTAL ODDA E3-E1 E9-E4 E3-E1 TOTAL ODDA E3-E1 E9-E4 E3-E1 TOTAL ODDA E3-E1 E9-E4 E3-E1 TOTAL ODDA E3-E1 E9-E4 E3-E1 TOTAL ODDA E3-E1 E9-E4 E3-E1 TOTAL ODDA E3-E1 E9-E4 E3-E1 TOTAL ODDA E3-E1 TOTAL ODDA E3-E1 TOTAL ODDA E3-E1 TOTAL ODDA E3-E1 TOTAL ODDA E3-E1 TOTAL ODDA E3-E1 TOTAL ODDA E3-E1 TOTAL ODDA E3-E1 TOTAL ODDA E3-E1 TOTAL ODDA E3-E1 TOTAL ODDA E3-E1 TOTAL ODDA E3-E1 TO	ARMY	a. NAME Fort Huachi			Fort Huach	nuca				
REQUIREMENTS AND ASSETS (a) (b) (c) (d) (e) (f) (g) (p) (h) (g) (h) (h) (g) (h) (h) (g) (h) (h) (g) (h) (h) (g) (h) (h) (h) (h) (h) (h) (h) (h) (h) (h	ANALYSIS		CUI	RRENT		PROJECTED				
7. PERMANENT PARTY PERSONNEL 755 2,849 506 4,110 726 2,774 453 3,95 8. GROSS FAMILY HOUSING REQUIREMENTS 585 2,196 193 2,974 607 2,121 172 2,90 9. TOTAL UNACCEPTABLY HOUSED (a+b+c) 0 160 0 160 a. INVOLUNTARILY SEPARATED 0 0 160 b. IN MILITARY HOUSING TO BE DISPOSEDMENTACED 160 160 c. UNACCEPTABLY HOUSING TO BE DISPOSEDMENTACED 170 160 160 10. VOLUNTARY SEPARATIONS 177 40 577 16 38 55 11. EFFECTIVE HOUSING REQUIREMENTS 568 2,156 193 2,917 591 2,083 172 2,84 12. HOUSING ASSETS (a + b) 571 2,765 223 3,559 591 2,723 213 3,52 a. UNDER MILITARY CONTROL 160 1,471 125 1,756 164 1,467 125 1,756 (1) Housed in Existing DOD Owned/Controlled 160 1,471 125 1,756 164 1,467 125 1,756 (2) Under Contract / Approved 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0										
8. GROSS FAMILY HOUSING REQUIREMENTS 585 2,196 193 2,974 607 2,121 172 2,90 9. TOTAL UNACCEPTABLY HOUSED (##b+c) 0 160 0 160 a. INVOLUNTARILY SEPARATED 0 0 b. IN MILITARY HOUSING TO BE DISPOSEDREPLACED 160 160 c. UNACCEPTABLY HOUSED - IN COMMUNITY 0 0 157 16 38 55 11. EFFECTIVE HOUSING REQUIREMENTS 568 2,156 193 2,917 591 2,083 172 2,84 12. HOUSING ASSETS (## +b) 571 2,765 223 3,559 591 2,723 213 3,52 a. UNDER MILITARY CONTROL 160 1,471 125 1,756 164 1,467 125 1,756 (1) Housed in Existing DOD Owned/Controlled 160 1,471 125 1,756 164 1,467 125 1,756 (2) Under Contract / Approved 0 160 1,471 125 1,756 164 1,467 125 1,756 (3) Vacant 0 0 b. PRIVATE HOUSING 411 1,294 98 1,803 427 1,256 88 1,777 (1) Acceptably Housed 411 1,294 98 1,803 427 1,256 88 1,777 (1) Acceptably Housed 411 1,294 98 1,803 427 1,256 88 1,777 (1) Acceptably Housed 411 1,294 98 1,803 427 1,256 88 1,777 (1) Acceptably Housed 411 1,294 98 1,803 427 1,256 88 1,777 (1) Acceptably Housed 411 1,294 98 1,803 427 1,256 88 1,777 (1) Acceptably Housed 411 1,294 98 1,803 427 1,256 88 1,777 (1) Acceptably Housed 411 1,294 98 1,803	6. TOTAL PERSONNEL STRENGTH	999	3,116	2,552	6,667	1,053	3,091	2,385	6,529	
B. TOTAL UNACCEPTABLY HOUSED (a+b+e)	7. PERMANENT PARTY PERSONNEL	755	2,849	506	4,110	726	2,774	453	3,953	
a. INVOLUNTARILY SEPARATED b. IN MILITARY HOUSING TO BE DISPOSEDREPLACED c. UNACCEPTABLY HOUSED IN COMMUNITY 10. VOLUNTARY SEPARATIONS 17 40 57 16 38 55 11. EFFECTIVE HOUSING REQUIREMENTS 568 2,156 193 2,917 591 2,083 172 2,84 12. HOUSING ASSETS (a + b) 571 2,765 223 3,559 591 2,723 213 3,52 a. UNDER MILITARY CONTROL 160 1,471 125 1,756 164 1,467 125 1,75 (1) Housed in Existing DOD Owned/Controlled 160 1,471 125 1,756 164 1,467 125 1,75 (2) Under Contract / Approved (3) Vacant 0 b. PRIVATE HOUSING 411 1,294 98 1,803 (2) Acceptably Housed 411 1,294 98 1,803 (2) Acceptably Housed (3) G609) (30) (642) 0 (640) (41) (68	8. GROSS FAMILY HOUSING REQUIREMENTS	585	2,196	193	2,974	607	2,121	172	2,900	
D. IN MILITARY HOUSING TO BE DISPOSED/REPLACED 160	9. TOTAL UNACCEPTABLY HOUSED (a+b+c)	0	160	0	160					
DISPOSED/REPLACED 160 160 160					0					
C. UNACCEPTABLY HOUSED -			160		160					
IN COMMUNITY 10. VOLUNTARY SEPARATIONS 17 40 57 16 38 5			100		100	-				
11. EFFECTIVE HOUSING REQUIREMENTS 568 2,156 193 2,917 591 2,083 172 2,84 12. HOUSING ASSETS (a + b) 571 2,765 223 3,559 591 2,723 213 3,52 a. UNDER MILITARY CONTROL 160 1,471 125 1,756 164 1,467 125 1,756 (1) Housed in Existing DOD Owned/Controlled 160 1,471 125 1,756 164 1,467 125 1,756 (2) Under Contract / Approved (3) Vacant (4) Inactive 0 b. PRIVATE HOUSING 411 1,294 98 1,803 427 1,256 88 1,777 (1) Acceptably Housed 411 1,294 98 1,803 (2) Acceptable Vacant Rental 0 13. EFFECTIVE HOUSING DEFICIT (3) (609) (30) (642) 0 (640) (41) (68					0					
12. HOUSING ASSETS (a + b) 571 2,765 223 3,559 591 2,723 213 3,52 a. UNDER MILITARY CONTROL 160 1,471 125 1,756 164 1,467 125 1,75 (1) Housed in Existing DOD Owned/Controlled 160 1,471 125 1,756 164 1,467 125 1,75 (2) Under Contract / Approved 0 (3) Vacant 0 (4) Inactive 0 b. PRIVATE HOUSING 411 1,294 98 1,803 427 1,256 88 1,777 (1) Acceptably Housed 411 1,294 98 1,803 (2) Acceptable Vacant Rental 0 (3) (609) (30) (642) 0 (640) (41) (68	10. VOLUNTARY SEPARATIONS	17	40		57	16	38		54	
a. UNDER MILITARY CONTROL 160 1,471 125 1,756 164 1,467 125 1,75 (1) Housed in Existing DOD Owned/Controlled 160 1,471 125 1,756 164 1,467 125 1,75 (2) Under Contract / Approved (3) Vacant 0 (4) Inactive 0 b. PRIVATE HOUSING 411 1,294 98 1,803 427 1,256 88 1,77 (1) Acceptably Housed 411 1,294 98 1,803 (2) Acceptable Vacant Rental 0 (3) (609) (30) (642) 0 (640) (41) (68	11. EFFECTIVE HOUSING REQUIREMENTS	568	2,156	193	2,917	591	2,083	172	2,846	
(1) Housed in Existing DOD Owned/Controlled 160 1,471 125 1,756 164 1,467 125 1,75 (2) Under Contract / Approved (3) Vacant 0 (4) Inactive 0 b. PRIVATE HOUSING 411 1,294 98 1,803 427 1,256 88 1,77 (1) Acceptably Housed 411 1,294 98 1,803 (2) Acceptable Vacant Rental 0 (3) (609) (30) (642) 0 (640) (41) (68	12. HOUSING ASSETS (a + b)	571	2,765	223	3,559	591	2,723	213	3,527	
Owned/Controlled 160 1,471 125 1,756 164 1,467 125 1,756	a. UNDER MILITARY CONTROL	160	1,471	125	1,756	164	1,467	125	1,756	
(3) Vacant 0 (4) Inactive 0 b. PRIVATE HOUSING 411 1,294 98 1,803 427 1,256 88 1,77 (1) Acceptably Housed 411 1,294 98 1,803 (2) Acceptable Vacant Rental 0 13. EFFECTIVE HOUSING DEFICIT (3) (609) (30) (642) 0 (640) (41) (68	Owned/Controlled	160	1,471	125	1,756	164	1,467	125	1,756	
(4) Inactive 0 b. PRIVATE HOUSING 411 1,294 98 1,803 427 1,256 88 1,77 (1) Acceptably Housed 411 1,294 98 1,803 (2) Acceptable Vacant Rental 0 13. EFFECTIVE HOUSING DEFICIT (3) (609) (30) (642) 0 (640) (41) (68	(2) Under Contract / Approved								0	
b. PRIVATE HOUSING 411 1,294 98 1,803 427 1,256 88 1,77 (1) Acceptably Housed 411 1,294 98 1,803 (2) Acceptable Vacant Rental 0 (3) (609) (30) (642) 0 (640) (41) (68	(3) Vacant				0					
(1) Acceptably Housed 411 1,294 98 1,803 (2) Acceptable Vacant Rental 0 13. EFFECTIVE HOUSING DEFICIT (3) (609) (30) (642) 0 (640) (41) (68	(4) Inactive				0					
(2) Acceptable Vacant Rental 0 13. EFFECTIVE HOUSING DEFICIT (3) (609) (30) (642) 0 (640) (41) (68	b. PRIVATE HOUSING	411	1,294	98	1,803	427	1,256	88	1,771	
13. EFFECTIVE HOUSING DEFICIT (3) (609) (30) (642) 0 (640) (41) (68	(1) Acceptably Housed	411	1,294	98	1,803	-				
		(2)	(000)	(22)	_		(0.10)	(44)	(02.1)	
14. PROPOSED PROJECT 160 16		(3)	(609)	(30)	(642)	0	\ /	(41)	(681) 160	

15. REMARKS (Specify item number)

Line 14: This project demolishes 160 uneconomical to repair units and replaces them with 160 Junior NCO units.

Junior NCO 20 4 Bedroom Units

38 3 Bedroom Units102 2 Bedroom Units

DD Form 1523, NOV 90

Previous editions are obsolete

1. COMPONENT	FY	2004-2005 N	/TT.TTARY	CONSTR	ICTTON I	PROGRAM		2. D)ATF.
ARMY		2001 2000 1		. 001,011					WARY 2003
AUII								PEDI	LOAKI 2003
3. INSTALLATION AND LC	CATTON.	4. CON	WAYNE					E 7	REA CONSTRUCTION
3. INSTALLATION AND LC	CATION	4. CON	MAND						
								C	OST INDEX
Fort Knox		US Army Tra	aining a	and Doct	rine Cor	mmand			
Kentucky		(Installati	ion Mana	gement .	Acty, So	outheast	Region	n)	1.05
6. PERSONNEL STRENG	TH: PERMAN	ENT	STUE	ENTS		SUPI	PORTED		
	OFFICER ENLI	ST CIVIL OF	FICER E	NLIST C	IVIL O	FFICER E	NLIST (CIVIL	TOTAL
A. AS OF 30 SEP 200	2 1164 64	:38 2532	396	7650	0	150	713	3792	22,835
B. END FY 2009	1125 65	82 2552	412	7378	0	133	667	3793	22,642
		7.	INVENTOR	RY DATA	(\$000)				
A. TOTAL AREA		44,203 ha	a	(109,2	28 AC)				
B. INVENTORY TOT	AL AS OF 30 S	EP 2002					3,6	530,281	
C. AUTHORIZATION	NOT YET IN IN	VENTORY						8,908	
D. AUTHORIZATION	REQUESTED IN	THE FY 2004	PROGRAM	1				41,000	
E. AUTHORIZATION								32,000	
F. PLANNED IN NE								0	
G. REMAINING DEF								43,000	
H. GRAND TOTAL							2 -		
H. GRAND TOTAL						••	3,	755,189	
8. PROJECT APPROPRI	ATTONS PROTEST	ים שעיר ואד רושי	7 2004 E	рострам:					
	_	ייו מווו אוב כום.	1 200 1 F	TOGICANI.		000	ST	DECTO	INT CHENTERS
CATEGORY PROJECT									N STATUS
CODE NUMBER		OJECT TITLE					00)		COMPLETE
711 58677	' Family Housi	ng Replaceme	ent Cons	structio	n	4.	1,000	TU	RNKEY
				TOT	AL	4.	1,000		
9. FUTURE PROJECT A	· DIMOTTAT TOUGOUD.								
	TIMENTALLOND.					<i>a</i> 0	Citti		
CATEGORY		O TDOM				COS			
CODE		OJECT TITLE				(\$0	UU)		
A. REQUESTED IN			_						
711	Family Housi	ng Privatiza	ation			32	2,000		
				TOT	AL	3:	2,000		
B. PLANNED NEXT	FOUR PROGRAM	YEARS (NEW N	MISSION	ONLY):	NONE				
C. DEFERRED SUS	TAINMENT, REST	ORATION, ANI) MODERN	IIZATION	(SRM):		N/A		

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,

. COMPONENT	FY 2004-2005 MILITARY CONSTRUCTION	PROGRAM	2. DATE
ARMY			FEBRUARY 2003
INSTALLATIO	N AND LOCATION: Fort Knox	Kentucky	
10 MICCIONI OD MAT	OD DENOMINATION		
	OR FUNCTIONS: (CONTINUED) Engineering Agency, U.S. Army TMDE Operation, S	ummer Training. R	eserve and National
	port, Support of Civilian Components.	J.	
11. OUTSTANDING PO	LLUTION AND SAFETY DEFICIENCIES:	(\$00	0.)
A. AIR POLLUTIO	NC	(500	0
B. WATER POLLU	TION		0
C. OCCUPATIONA	L SAFETY AND HEALTH		0
REMARKS :			
	cost to remedy the deficiencies in all existing		
	at this installation is \$163,317,000 based on	the Installation	Status Report (ISR)
information on con	ditions as of August 2002.		

1.COMPONENT								2.DATE	
	FY 2	004	MILI	TARY	CONS	TRUCTION PR	OJECT DATA		
ARMY						4.PROJECT TI		FEBR	UARY 2003
3.INSTALLATION AN	D LOCAT	'ION							
Fort Knox						_	using Repl	acement	
Kentucky						Construct	-		
5.PROGRAM ELEMENT		6.CATEGORY	CODE		7.PRC	JECT NUMBER		COST (\$00	,
					Auth	41,0			
88741A		71	1			58677	Approp	41,0	00
				9.C	OST ES	TIMATES			
	ITEM			UM (N	1/E)	QUANTI	TY		06.454
PRIMARY FACILI									26,151
Family Housing				FA		118 -		139,576	
Family Housing	, 4 B	R		FA		60 -	-	161,350	(9,681)
SUPPORTING FAC	ידד.דידד	ES							10,129
Electric Servi		<u> </u>		LS		_	_		(1,320)
Water, Sewer,				LS		_	_		(1,310)
Paving, Walks,		s & Gutte	ers	LS		_	_		(2,773)
Storm Drainage			0_0	LS		_	_		(463)
Site Imp(3,13		mo(87	1)	LS		_	_		(4,002)
Information Sy			- /	LS		_	_		(261)
									(/
ESTIMATED CONT	RACT	COST							36,280
CONTINGENCY PE	RCENT	(5.00%)						1,814
SUBTOTAL									38,094
SUPV, INSP & C	VERHE	AD (5.7	0왕)						2,171
DESIGN/BUILD -									1,116
TOTAL REQUEST									41,381
TOTAL REQUEST (ROUNDED)									41,000
INSTALLED EQT-	OTHER	APPROP							(0)
10 Degarinties of Even	1.0		who l		arla la a	rhood rouit	-1::	h	

Whole neighborhood revitalization by construction 10.Description of Proposed Construction of 178 senior enlisted family housing units (118 three bedroom and 60 four bedroom) built to current standards on a new site to replace 178 Wherry family housing units in Rose Terrace, built in the 1950's, which are uneconomical to renovate. Construction consists of variously configured single or duplex houses which will be factory built/manufactured houses and/or conventionally on-site constructed houses. The design includes frame construction with brick veneer, stucco or prefinished siding. Project will provide individual heating and air conditioning units, hard wired interconnected smoke and carbon monoxide detectors, passive solar energy conservation features if cost effective, exterior storage, and all equipment and appliances for functional living units. Supporting facilities include all required utility services to include underground electrical, telephone and cable TV lines; streets, curbs, gutters, walks, driveways, water mains and laterals, sewer lines, street lighting and gas laterals. All utilities will be metered. Neighborhood improvements include bus stops, playgrounds, tennis/basketball courts, and picnic/recreation areas. At least five percent of the units shall be accessible and easily modifiable to accommodate the requirements of the handicapped. Demolish 178 Wherry units to include asbestos and lead paint

1.COMPON	ENT						2.DATE
		FY 2004	MILITARY C	CONSTRUCTION	PROJE	CT DATA	
ARN	YIY						FEBRUARY 2003
3.INSTAL	LATION AND I	JOCATION					
Fort Kr	nox, Kentu	ıcky					
4.PROJEC	T TITLE					5.PROJECT N	IUMBER
İ							
Family	Housing F	Replacement	Construction	on			58677
					•		
DESCRIE	TION OF F	ROPOSED COI	NSTRUCTION:	(CONTINUED))		
abateme	ent.						
	No. of	Gross A	rea Projec	ct Unit	No of	Total	
Grade	Bedrooms	s (SQ M) Factor	Cost	Units	(\$000)	
SRNCO	3	173	1.070	754	118	16,470	
SRNCO	4	200	1.070	754	60	9,681	
				Total	178	26,151	

<u>PROJECT:</u> Whole neighborhood revitalization by replacement of 178 senior noncommissioned officer family housing units, neighborhood amenities, supporting infrastructure and demolition of 178 existing units. (Current Mission)

REQUIREMENT: This project is required to improve family housing living conditions for senior noncommissioned officers and their families by providing quarters that meet current standards of quality of life, energy conservation, size, habitability and safety. Existing units are deteriorated to the extent that they cannot be economically improved to meet current standards. The family housing requirements of enlisted soldiers and CURRENT SITUATION: their family members are currently being marginally met, in part, by assigning them to the 506 Wherry units in Rose Terrace. With an inventory mostly constructed in the 1950s and 60s, Fort Knox has an excess of two bedroom units and a critical shortage of three and four bedroom units. The existing units are of wood frame construction with brick veneer for appearance. This high density neighborhood consists of row-type, two story buildings with four, six, eight, ten or twelve dwelling units per building. Two, three and four bedroom dwelling units contain only 854, 1000 and 1375 net square feet of living area, respectively. Large families are currently under-housed in three bedroom units on post due to the lack of four bedroom units. Kitchen space in these units is cramped despite earlier improvement work. The laundry area is poorly designed and practically nonfunctional. The current condition of the structures containing the dwelling units, the interior of the dwelling units themselves, and associated infrastructure, exterior storage and landscaping are either not up to standard, deteriorated or nonexistent. Surface street areas are grossly inadequate for modern vehicle traffic and parking is inadequate to meet the needs of today's family. Area drainage is inadequate with ponding/pooling water in and around seeded and paved surfaces. In general, wall and floor surfaces are severely worn and in many cases have severe structural failures. All major utility systems are grossly outdated and require replacement. Plumbing lines are corroded and have begun to fail at an alarming rate. This project is critical to the installation's plan for realigning the distribution of two, three and four bedroom units, while reducing the overall inventory. Since the mid-1990s, 1,040 units (mostly two bedrooms) have been demolished. IMPACT IF NOT PROVIDED: If this project is not provided, the quarters

1.COMPONENT	FY	2004	MILITARY	CONSTRUCTION	PROJEC	T DATA	Z.DAIE	
ARMY		2001					FEBRUZ	ARY 2003
3.INSTALLATION AN	D LOCATIO	N						
Fort Vec. Vec	. 4 1							
Fort Knox, Ker	itucky							
4.PROJECT TITLE					5	.PROJECT	NUMBER	
Family Housing	r Replac	cement	Construct	ion			58	8677

IMPACT IF NOT PROVIDED: (CONTINUED)

currently housing enlisted families will continue to deteriorate with maintenance, repair and energy costs continuing to accelerate. Occupants will continue to live in inadequate quarters which adversely affects the health, safety and quality of life of these enlisted personnel and their families.

ADDITIONAL: This project has been coordinated with the installation physical security plan and no physical security or antiterrorism/force protection measures are required. The life cycle cost analysis shows replacement construction to be more cost effective than all other feasible alternatives. Sustainable principles will be integrated into the development, design, and construction of the project in accordance with Executive Order 13123 and other applicable laws and executive orders.

JOINT USE CERTIFICATION: The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. These facilities will be available for use by other components.

Installation Engineer: COL Joseph Muscarella

MILITARY FAMILY HOUSING JUS	TIFICATION					REPORT CONTR		
			Februa	ry 2003	2004		P&L (AR) 1	716
3. DOD COMPONENT	4. REPORTING IN	STALLATION						
ARMY	a. NAME			b. LOCATION				
5. DATA AS OF	Fort Knox			Fort Knox				
	A21405			KY 40121				
ANALYSIS		CUI	RRENT			PROJ	ECTED	
OF	OFFICER	E9 - E4	E3 - E1	TOTAL	OFFICER	E9 - E4	E3 - E1	TOTAL
REQUIREMENTS AND ASSETS	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)
6. TOTAL PERSONNEL STRENGTH	1,361	4,206	7,972	13,539	1,359	3,987	7,944	13,290
7. PERMANENT PARTY PERSONNEL	1,029	3,670	1,630	6,329	934	3,482	1,549	5,965
		,	,				,	
8. GROSS FAMILY HOUSING REQUIREMENTS	892	3,027	383	4,302	809	2,872	363	4,044
9. TOTAL UNACCEPTABLY HOUSED (a+b+c)	78	309	349	736				
a. INVOLUNTARILY SEPARATED				0				
b. IN MILITARY HOUSING TO BE								
DISPOSED/REPLACED		178		178				
c. UNACCEPTABLY HOUSED -								
IN COMMUNITY	78	131	349	558				
10. VOLUNTARY SEPARATIONS	29	164	32	225	26	155	30	211
11. EFFECTIVE HOUSING REQUIREMENTS	863	2,863	351	4,077	783	2,717	333	3,833
12. HOUSING ASSETS (a + b)	1,168	4,683	353	6,204	1,100	4,572	349	6,021
a. UNDER MILITARY CONTROL	548	2,565	267	3,380	548	2,565	267	3,380
(1) Housed in Existing DOD Owned/Controlled	548	2,565	267	3,380	548	2,565	267	3,380
(2) Under Contract / Approved							0	(
(3) Vacant				0				
				0				
(4) Inactive				0				
b. PRIVATE HOUSING	620	2,118	86	2,824	552	2,007	82	2,64
(1) Acceptably Housed	620	2,118	86	2,824				
(2) Acceptable Vacant Rental				0				
13. EFFECTIVE HOUSING DEFICIT	(305)	(1,820)	(2)	(2,127)	(317)	(1,855)	(16)	(2,188
14. PROPOSED PROJECT						178		178

15. REMARKS (Specify item number)

Line 14: This project demolishes 178 uneconomical to repair units and replaces them with 178 Senior NCO units.

Senior NCO 60 4 Bedroom Units Senior NCO 118 3 Bedroom Units

DD Form 1523, NOV 90

Previous editions are obsolete

1 (\(\alpha\lambda\ramb	T En	7 2004 2005 MTI TTADV		MKGDOG TA	1 0 DATE
1. COMPONENT	LI	Y 2004-2005 MILITARY	CONSTRUCTION	1 PROGRAM	2. DATE
ARMY					FEBRUARY 2003
3. INSTALLATION AND LO	Y ATTOM	4. COMMAND			5. AREA CONSTRUCTION
3. INDIALILALITON AND IN	JCA'I LOIN	4. COMENTE			
		The same and Et	7 Cor	а	COST INDEX
White Sands Missile	: Kange	US Army Test and Ev			1 00
New Mexico		(Installation Manag	ement acty,	Southwest keyron,	1.00
6. PERSONNEL STRENG	GTH: PERMAN	NENT STUDE	סידונעי	SUPPORTED	_
U. FEILOUIVIUI CIIII.		NENI SIODE IST CIVIL OFFICER EN			IVIL TOTAL
A. AS OF 30 SEP 200		ISI CIVIL OFFICER EN 150 1927 0	0 0		3770 6,058
B. END FY 2009		150 1927 0 146 1962 0	0 0		3755 6,068
B. END F1 2009	<u></u>	.46 1902 0	U U		3/55 0,000
		7. INVENTORY	ר (\$000) בייגען צ'	\	
A. TOTAL AREA			B,644,075 AC)		
					° • • • • • • • • • • • • • • • • • • •
		SEP 2002		·	24,227
		NVENTORY			3,650
		THE FY 2004 PROGRAM.			14,600
		THE FY 2005 PROGRAM.			19,000
		(NEW MISSION ONLY)			0
					0
H. GRAND TOTAL				2,46	61,477
		TED IN THE FY 2004 PR	.OGRAM:		
CATEGORY PROJECT	. T			COST	DESIGN STATUS
CODE NUMBER	PR	ROJECT TITLE		(\$000)	START COMPLETE
711 34082	2 Family Housi	ing Replacement Const	ruction	14,600	TURNKEY
			TOTAL	14,600	
= -po-mom i					
9. FUTURE PROJECT A	APPROPRIATIONS.				
CATEGORY				COST	
CODE		ROJECT TITLE		(\$000)	
A. REQUESTED IN					
711	Family Housi	ing Replacement Const	ruction	19,000	
			TOTAL	19,000	
B. PLANNED NEXT	. FOUR PROGRAM	YEARS (NEW MISSION O	NLY): NONE		
				-	
C. DEFERRED SUS	STAINMENT, REST	IORATION, AND MODERNI	ZATION (SRM)): N/A	
10. MISSION OR MAJO					
_				-	and related material.
_	ed technical su	pport for all range	users, inclu	uding Army, Navy,	Air Force and systems
contractors.					

1. COMPONENT	FY 2004-2005 MILITARY CONSTRUCTION PROG	RAM .	2. DATE
ARMY			FEBRUARY 2003
INSTALLATION	AND LOCATION: White Sands Missile Range	New Mexico	
11 OUTSTANDING POL	LUTION AND SAFETY DEFICIENCIES:		
II. OUISIANDING IOL	EUITON AND GATHII DELICIENCIED.	(\$00	0)
A. AIR POLLUTIO	N		0
B. WATER POLLUT			0
C. OCCUPATIONAL	SAFETY AND HEALTH		0
REMARKS :			
The estimated c	ost to remedy the deficiencies in all existing perm		
	at this installation is \$21,234,000 based on the Ir	stallation S	tatus Report (ISR)
information on cond	itions as of August 2002.		

1.COMPONENT									2.DATE	
	FY 2	004	MIL	ITARY	CON	STRUCTION	I PROJ	ECT DATA		
ARMY									FEBR	UARY 2003
3.INSTALLATION AN	D LOCAT	ION				4.PROJEC	T TITLE	2		
White Sands Mi	issile	Rang	е			Family	Hous	ing Repla	acement	
New Mexico						Constr	uctio	n		
5.PROGRAM ELEMENT	1	6.CATE	GORY CODE		7.PF	ROJECT NUMBE	ER	8.PROJECT	COST (\$00	00)
								Auth	14,6	
88741A			711			34082		Approp	14,6	00
				9.0	COST 1	ESTIMATES				
	ITEM			UM (M/E)	JQ	JANTITY			
PRIMARY FACIL	<u>YT1</u>									8,403
5 BdRm CGO				FA			4		188,155	
4 BdRm CGO				FA			6		161,507	
3 BdRm CGO				FA		1	.0		139,703	
2 BdRm CGO				FA			9		111,440	
5 BdRm SNCO				FA			2		188,155	
Total from (n page							(3,905)
SUPPORTING FAC		<u>ES</u>		- ~						4,721
Electric Servi				LS						(943)
Water, Sewer,				LS						(1,124)
Paving, Walks				LS						(673)
	70) De	-	870)	LS						(1,640)
Information Sy	ystems			LS						(341)
ESTIMATED CONT	רם ז מידי	COCT								13,124
CONTINGENCY PE			008)							13,124 656
SUBTOTAL	PUCENI	(3.	00%)							13,780
SUPV, INSP & (WEBTE.	ΔD /	5 70%)							785
TOTAL REQUEST	> V 11/11E1	(ا	J. 10 0 1							14,565
TOTAL REQUEST	(ROIIN	DED)								14,600
INSTALLED EQT-			ΩP							(0)
	5 - 11111									(0)
				<u> </u>						

10.Description of Proposed Construction Whole neighborhood revitalization by constructing 58 officer and enlisted family housing quarters (29 company grade officer (CGO) and 29 senior noncommissioned officer (SNCO)) built to current standards to replace 58 exiting units constructed in 1958 which are uneconomical to revitalize. Construction will consist of variously configured single and multi-unit, one and two story buildings which are factory built/manufactured and/or conventionally on-site construction houses. Demolition of existing housing units includes asbestos and lead-based paint abatement. Project will provide all equipment and appliances for functional living units. Support facilities include all required underground utility services with individual meters for each unit, information systems (telephone and cable tv), roads, driveways, sidewalks, street lighting, desert landscaping, and rock wall privacy screens. Three of the houses will be accessible and easily modifiable to accomodate the requirements of the handicapped.

1.COMPON	ENT							2.DATE			
		FY 20	04 MI	LITARY CON	STRUCTIO	N PROJE	CT DATA				
ARN	ΥY							FEBRUA	RY 2003		
3.INSTAL	LATION AND L	OCATION									
White S	Sands Miss	ile Ran	ge, New	Mexico							
4.PROJEC	T TITLE						5.PROJECT	NUMBER			
Family	Family Housing Replacement Construction 34082										
9. CC	OST ESTIMA	TES (CO	NTINUED))							
				_				Unit	Cost		
Ιt	cem			UM (M/E)	QU.	ANTITY		COST	(\$000)		
PRIMARY	Y FACILITY	(CONTI	NUED)								
4 BdRm	SNCO (E9)			FA		2		173,620	(347)		
4 BdRm	SNCO (E7-	8)		FA		3		161,507	(485)		
3 BdRm	SNCO (E7-	E8)		FA		22		139,703 _	(3,073)		
								Total	3,905		
DEGGDI		D0D00ED	COLUMN		G031777777	. .					
DESCRIE	SITION OF P			RUCTION: (NT -	(\$0.00)			
G 1	D 1			Gross	_			(\$000)			
Grade	Bedrooms	SF	SF		Factor		Units	Total			
01-03	5	2024			1.071	754		753			
01-03	4	1734	2150	200	1.071	754	6	969			
01-03	3	1500	1860	173	1.071	754	10	1,397			
01-03	2	1202	1490	138	1.071	754	9	1,003			
E7-E8	5	2024	2510	233	1.071	754	2	376			
E9	4	1863	2310	215	1.071	754	2	347			
E7-E8	4	1734	2150	200	1.071	754	3				
E7-E8	3	1500	1860	173	1.071	754		3,073			
						TOTAL	 58				

PROJECT: Whole neighborhood revitalization by construction of 58 company grade officer and senior noncommissioned officer replacement family quarters to current standards, including neighborhood amenities and supporting infrastructure and demolition of 58 existing units. (Current Mission)

REQUIREMENT: This project is required to improve existing family housing living conditions for these company grade officer and senior NCO soldiers and their families to current standards of comfort, size, habitability, safety and energy conservation. Existing units have deteriorated to the extent that they cannot be economically renovated to current standards.

CURRENT SITUATION: These quarters have had no major improvements since their original construction in 1958. The units are undersized and lack family room/auxiliary eating areas. At optimum efficiency, the existing evaporative type air conditioning systems do not provide adequate cooling during summer months when ambient temperatures exceed 100 degrees. The two-wire electrical system is deteriorated and does not meet electrical code requirements. The windows are single pane and allow air infiltration which is very energy inefficient. Most units do not have sidewalks or privacy fencing. Utility systems are in need of replacement, and water supply lines are clogged with mineral deposits. Narrow streets cause congestion and pose a safety hazard. The existing three bedroom units only have 1,082 net square feet.

1.COMPONENT						Z.DAIE	
	FY 2004	4 MILITARY	CONSTRUCTION	PROJECT	DATA		
ARMY						FEBRUARY 200)3
3.INSTALLATION AN	D LOCATION						
White Sands Mi	issile Range	e, New Mexico	0				
4.PROJECT TITLE				5.	PROJECT I	NUMBER	
Family Housing	g Replacemer	nt Construct	ion			34082	

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 soldiers and their families. Energy costs will continue to increase, precluding attainment of energy reduction goals, and maintenance costs will also continue to increase due to the deterioration of the aging family units. ADDITIONAL: This project has been coordinated with the installation physical security plan, and no physical security or anti-terrorism/force protection measures are required. The life cycle cost analysis shows replacement construction to be more cost effective than all other feasible alternatives. Sustainable principles will be integrated into the design, development, and construction of the project in accordance with Executive Order 13123 and other applicable laws and Executive Orders.

JOINT USE CERTIFICATION: The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been cosidered for joint use potential. This facility will be available for use by other components.

Installation Engineer: Wilbert Ortega

Phone Number: 505-678-6744

MILITARY FAMILY HOUSING JUS	MILITARY FAMILY HOUSING JUSTIFICATION					REPORT CONTROL SYMBOL				
			Februa	ary 2003	2004		P&L (AR) 1	/16		
3. DOD COMPONENT ARMY	4. REPORTING INS a. NAME	STALLATION								
		- M:I- D-		b. LOCATION	-l-					
5. DATA AS OF	White Sand	s Missie Ra	ange	White Sands NM 88002						
ANALYSIS		CUI	RRENT			PROJ	ECTED			
OF	OFFICER	E9 - E4	E3 - E1	TOTAL	OFFICER	E9 - E4	E3 - E1	TOTAL		
REQUIREMENTS AND ASSETS	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)		
6. TOTAL PERSONNEL STRENGTH	79	368	39	486	75	360	39	474		
7. PERMANENT PARTY PERSONNEL	79	368	39	486	75	360	39	474		
8. GROSS FAMILY HOUSING REQUIREMENTS	71	281	19	371	67	274	19	360		
9. TOTAL UNACCEPTABLY HOUSED (a+b+c)	29	29	0	58						
a. INVOLUNTARILY SEPARATED				0						
b. IN MILITARY HOUSING TO BE										
DISPOSED/REPLACED	29	29		58						
c. UNACCEPTABLY HOUSED -				0						
IN COMMUNITY	3	22	1	26	2	19	1 [22		
10. VOLUNTARY SEPARATIONS	3	22	- 1	20		19	'			
11. EFFECTIVE HOUSING REQUIREMENTS	68	259	18	345	65	255	18	338		
12. HOUSING ASSETS (a + b)	124	334	18	476	124	333	18	475		
a. UNDER MILITARY CONTROL	119	315	18	452	119	315	18	452		
(1) Housed in Existing DOD	440	0.45	40	450	440	0.15	40	450		
Owned/Controlled	119	315	18	452	119	315	18	452 0		
(2) Under Contract / Approved				T						
(3) Vacant				0						
(4) Inactive				0						
b. PRIVATE HOUSING	5	19	0	24	5	18		23		
(1) Acceptably Housed	5	19		24						
(2) Acceptable Vacant Rental				0						
13. EFFECTIVE HOUSING DEFICIT	(56)	(75)	0	(131)		, ,	0	(137		
14. PROPOSED PROJECT					29	29		58		

Line 14. This project demolishes 58 uneconomical units and replaces them with 29 Company Grade Officer units and 29 Senior Enli

Company Grade Officer

4 5 Bedroom Units6 4 Bedroom Units10 3 Bedroom Units

Senior NCO 2 5 Bedroom Units 5 4 Bedroom Units

22 3 Bedroom Units

9 2 Bedroom Units

DD Form 1523, NOV 90

Previous editions are obsolete

ARMY FAMILY HOUSING FY 2004 BUDGET ESTIMATE POST-ACQUISITION CONSTRUCTION

(\$ in Thousands) FY 2004 Authorization Request \$197,803 FY 2004 Appropriation Request \$197,803 FY 2003 Appropriation \$239,751

PURPOSE AND SCOPE

The Post-Acquisition Construction program provides funding for improvement of exiting family housing units by renovation or privatization. The housing privatization equity contributions (scoring) use alternative authorities for improvement of military housing. Traditional revitalization of military family housing units is requested when it is more economical to renovate rather than replace. The proposed investment in privatization and post-acquisition construction will increase the useful life of the revitalized units by 35 years and concurrently reduce maintenance and repair requirements.

In FY 2004, the Army will operate and maintain an inventory of approximately 80,421 family housing units with an average age exceeding 35 years. Many of these units require major improvements, or revitalization, to meet contemporary living standards and to provide some of the modern amenities found in comparable community housing.

Privatization will provide revitalized facilities by leveraging the Army's equity contribution, housing property, and the soldier's housing allowance to obtain 50-year contracts for revitalization and sustainment of AFH. Four privatization projects are included in this request.

The Army continues to emphasize the "whole neighborhood" revitalization concept. Our program considers the requirement of the total neighborhood. This concept includes the dwelling units, supporting utility systems, energy conservation, roads, playgrounds and community facilities. The result eliminates much of the existing stereotypical construction, improves quarters to contemporary standards, and provides functional units in more attractive housing areas. Two post-acquisition construction projects at U.S. locations are included in this request.

ARMY FAMILY HOUSING FY 2004 BUDGET ESTIMATE POST-ACQUISITION CONSTRUCTION (continued)

Five overseas, post-acquisition construction projects are included in this request. Although the Army relies on host nation support or residual value contributions to improve housing located overseas, the requested projects are the most critical projects not identified for funding through these programs.

PROGRAM SUMMARY

Authorization is requested for appropriation for whole neighborhood revitalization, privatization and improvements to 6,883 units. Projects exceeding the statutory funding limitation (10 USC 2825) of \$50,000 per dwelling unit (adjusted by the area construction cost factor) are documented by the DD Forms 1391 which follow this summary. These projects are listed in the following table:

ARMY FAMILY HOUSING FY 2004 BUDGET ESTIMATE POST-ACQUISITION CONSTRUCTION (continued)

Location	Historic	Type	No. of <u>Units</u>	Amount (\$000)
Dugway Proving Ground, UT	No	SO/FGO/CGO	29	3,200
Ansbach, GE	No	JNCO/SNCO	108	18,973
Baumholder, GE	No	SO/JNCO/SNCO	112	11,600
Baumholder, GE	No	JNCO	96	14,000
Mannheim, GE	No	JNCO	96	16,500
Wiesbaden, GE	No	JNCO/SNCO	96	14,400
Subtotal			537	78,673

Projects which do not exceed the statutory funding limitation (10 USC 2825) of \$50,000 per dwelling unit (adjusted by the area construction cost factor) are listed below:

Traditional construction:				
USMA, NY	No	FGO/SNCO	56	530
Subtotal			56	530
Privatization:				
Fort Drum, NY	Some	All Grades	2,272	52,000
Carlisle Barracks, PA	Some	All Grades	316	22,000
Fort Bliss, TX	Some	All Grades	2,776	38,000
Fort Sam Houston, TX	Some	All Grades	926	6,600
Subtotal			6,290	118,600
Total Post-Acquisition			6,883	197,803

Type: FGO - Field Grade Officer CGO - Company Grade Officer SNCO - Senior NCO JNCO - Junior NCO SO - Senior Officer

FUNDING SUMMARY

Construction Improvements Requested Authorization
Program (\$000)

\$197,803

Requested Authorization
Amount (\$000)

\$197,803

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1.COMPONENT									2.DATE	
	FY 2	004	MILITAR	Y CONST	RUCT	ON PR	OJEC	CT DATA		
ARMY									FEBR	UARY 2003
3.INSTALLATION AN	D LOCAT	ION			4.PRO	JECT TI	TLE			
Various Locati	ons -	Conti	nental			Army	r Fan	nily Hou	using Po	st
and Overseas						Acqu	isit	cion Cor	nstructi	.on
5.PROGRAM ELEMENT		6.CATE	GORY CODE	7.PROJ	ECT NU	MBER	8	3.PROJECT	COST (\$0	00)
							A	Auth	19	7,803
88742A		711			AFI	I	A	Approp	19	7,803
			9	.COST EST	'IMATES	3				
		I.	ГЕМ			U/M	QU	ANTITY		
Post Acquisiti	on Co	nstruc	tion							
Improvements						LS				79,203
		_								
Privatization										
Authorities f	or Im	proven	ent			LS				118,600
D 1 1 1 1 1	e	e	h - D - £							
Projects quali				•						
Energy Conserv		Inves	tment			LS				0
Program (ECIE	,					гэ				U
			Total							197,803

10.Description of Proposed Construction

These projects provide for both privatization and needed revitalization of family housing units that do not meet current standards for livability, maintainability and energy efficiency. Revitalization projects provide for renewal of the whole neighborhood which considers the dwelling unit and supporting infrastructure. Work within the house considers upgrading kitchens (to include dishwashers, garbage disposals and range hoods) and bathrooms, installation of new half-baths (where required), increasing net living area to provide adequate space, where required, comparable to the private sector, installation of central air conditioning and heating systems including, as required, relocation of ductwork, increased insulation, exterior storage, patios and covered parking. Replacement or installation of supporting infrastructure considers utility distribution systems, storm sewers, roads, road realignment, off street parking, landscaping and recreation facilities.

1.COMPONENT	FV	2004	MTT.TTARV	CONSTRUCTION	PROJEC	מדבת י	Z.DAIE				
ARMY		2004	III IIIIIII	CONSTRUCTION	INOUEC	. 211A	FEBRUARY 2003				
3.INSTALLATION AND	3.INSTALLATION AND LOCATION										
Various Locati	ons - C	ontine	ental and	Overseas							
4.PROJECT TITLE					5	PROJECT	NUMBER				
Army Family Ho	using F	ost A	guisition	Construction							

11. REQUIREMENTS: The many acquisitions of the 1950s and 1960s 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. Privatization will support this program using alternative authorities for improvement.

IMPACT IF NOT PROVIDED: The desired/required improvements to our service members' quality of life will not be realized. Family housing units and supporting systems will continue to be used as is with increasing obsolescence, recurring maintenance costs and unnecessarily high energy use. The President's goal of 30% energy reduction between 1985 and 2005 will not be met. Soldiers and their families will continue to live in quarters that are below acceptable standards, affecting their duty performance and adversely impacting on the Army's mission. Without privatization, the OSD goal of bringing all family quarters up to current standards by 2007 will not be met.

1.COMPONENT					2.DATE			
	FY 2004	MILITARY	CONSTRUCTION PROJE	ECT DATA				
ARMY 3.INSTALLATION AN	ID I OCATION				FEBRUARY 2003			
5. INSTALLATION AN	D LOCATION							
Various Locati	ions - Contine	ental and C)verseas					
Various Locations - Continental and Overseas 4.PROJECT TITLE 5.PROJECT NUMBER								
Army Family Ho	ousing Post Ad	cquisition	Construction					
DESCRIPTION OF	F WORK TO BE A	ACCOMPLISHE	ED					
Country/State	Installation	and Projec	ct					
			D+		CWE			
			Post Acquisition		(\$000)			
			Construction	ECIP	Total			
New York								
Fort Drum								
(Project Num	mber 58559)		52,000					
Privatization	of family hou	using using	g alternative autho	orities fo	or improvement			
_	on of military	y housing -	- 2,272 units. (Sep	parate DD	Form 1391 is			
attached).								
Installation T	rotol				E2 000			
Installation	IOLAI				52,000			
New York								
United State	es Military Ad	cademy						
(Project Num		_	530					
Improvement of	f senior enlis	sted and fi	ield grade officer	family ho	ousing by			
			co provide an addit	tional (fo	ourth) bedroom			
and storage sp	pace - 56 unit	cs.						
Installation 7	rotol				E20			
Ilistaliation	IOCAI				530			
Pennsylvania								
Carlisle Bar	rracks							
(Project Num	mber 59123)		22,000					
Privatization	of family hou	using using	g alternative autho	orities fo	or improvement			
and acquisition	on of military	y housing -	- 316 units. (Separ	rate DD Fo	orm 1391 is			
attached).								
T	n - + - 1				22 000			
Installation T	rotal				22,000			
Texas								
Fort Bliss								
(Project Num	mber 57813)		38,000					
		using using	g alternative autho	orities fo	or improvement			
			- 2,776 units. (Seg					
attached).								
					00			
Installation 7	rotal				38,000			

1.COMPONENT						2.DATE			
	FY 20	04	MILITARY	CONSTRUCTION PROJE	ECT DATA				
ARMY						FEBRUARY 2003			
3.INSTALLATION AN	ID LOCATION								
Various Locat:	ions <u>- Con</u>	ıti <u>ne</u>	ntal and	Overseas					
4.PROJECT TITLE 5.PROJECT NUMBER									
Army Family Housing Post Acquisition Construction									
					•				
DESCRIPTION OF	F WORK TO	BE A	.CCOMPLISH	ED					
Country/State	Installat	cion	and Proje	ct					
						CWE			
				Post		(\$000)			
				Acquisition					
				Construction	ECIP	Total			
Texas									
Fort Sam Hou	uston								
(Project Nur	mber 5781	L1)		6,600					
			sing usin	g alternative autho	orities fo	or improvement			
	_		_	- 926 units. (Separ		-			
attached).		_							
Installation 7	Total					6,600			
						- ,			
Utah									
Dugway Provi	ina Ground	3							
(Project Nur				3,200					
<u> </u>			zation of	officer family how	usina to o	current			
_				ion and supporting	_				
units. (Separa	_				IIIII ab ci .	accure 25			
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Installation :	T∩tal					3,200			
Ilistatiación .	IOCAL					3,200			
USA TOTALS				122,330		122,330			
USA TOTALS				122,330		144,330			

1.COMPONENT				2.DATE						
	FY 2004	MILITARY CONSTRUCTION PROJE	CT DATA							
ARMY	ID TOGATION			FEBRUARY 2003						
3.INSTALLATION AN	ID LOCATION									
Maniana Tagabi		antal and Occasions								
Various Locati	ions - Contir	nental and Overseas	E DDOTEGE N	TIMDED						
	4.PROJECT TITLE 5.PROJECT NUMBER Army Family Housing Post Acquisition Construction									
Army Family Ho	ousing Post F	acquisition construction	İ							
DESCRIPTION OF	ם רה אם∪ות ב	ACCOMDITCHED								
DESCRIPTION OF	WORK TO BE	ACCOM LIBITED								
Country/State	Installation	and Project								
7, 2000				CWE						
		Post		(\$000)						
		Acquisition		, , ,						
		Construction	ECIP	Total						
Germany (Note	e: All projec	ets are priced at \$1 = 1.0314	l EURO)							
(Project Nur	mber 55859)	18,973								
	•	ization of junior and senior	enlisted	stairwell type						
		to current standards including								
		orhood amenities - 108 units.								
		ished on these units in the p								
		ollowing three years. (Separat								
attached).	od for one fo	oriowing chies years. (Beparas	20 22 1011	. 1371 15						
Installation 7	Total			18,973						
				·						
Germany (Note	e: All projec	ets are priced at $$1 = 1.0314$	ł EURO)							
Baumholder										
(Project Nur	mber 56341)	11,600								
Whole neighbor	rhood revital	ization of junior and senior	enlisted	stairwell type						
apartments and	d four senior	officer single family housing	ng units t	to current						
standards incl	luding energy	conservation, supporting inf	rastructi	are and						
neighborhood a	amenities - 1	12 units. No improvements or	major rep	pairs have been						
accomplished of	on these unit	s in the past three years, no	or are any	y planned for						
the following	three years.	(Separate DD Form 1391 is at	tached).							
(Project Nur	mber 56379)	14,000								
Whole neighbor	rhood revital	ization of junior noncommissi	loned offi	icer stairwell						
type apartment	ts to current	standards, including energy	conservat	tion and						
supporting inf	frastructure	and neighborhood amenities fo	or a commu	unity of 243						
units including	ng those beir	ng revitalized - 96 units. No	improveme	ents or major						
repairs have b	oeen accompli	shed to these units in the pa	ast three	years, nor are						
any planned for	or the follow	ving three years. (Separate DD) Form 139	91 is						
attached).										
Installation 7	Total			25,600						

1.COMPONENT					2.DATE					
	CT DATA									
ARMY					FEBRUARY 2003					
3.INSTALLATION AN	ID LOCATION									
Various Locations - Continental and Overseas 4.PROJECT TITLE 5.PROJECT NUMBER										
Army Family Housing Post Acquisition Construction										
DESCRIPTION OF	F WORK TO BE A	ACCOMPLISHE	:D							
Country/State	Installation	and Projec	:t							
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	(\$000)									
			Acquisition							
			Construction	ECIP	Total					
Germany (Note: All projects are priced at \$1 = 1.0314 EURO) Mannheim (Project Number 56559) Whole neighborhood revitalization of junior enlisted stairwell type family housing apartments including supporting infrastructure and neighborhood amenities - 96 units. No improvements or major repairs were accomplished on these units in the past three years, nor are any planned for the following three years. (Separate DD Form 1391 is attached).										
Installation 7	Total				16,500					
Germany (Note: All projects are priced at \$1 = 1.0314 EURO) Wiesbaden (Project Number 55880) Whole neighborhood revitalization of junior and senior enlisted stairwell apartment type family housing dwelling units to current standards, including energy conservation and supporting infrastructure and neighborhood amenities for a community of 254 units including those being revitalized - 96 units. No improvements or major repairs were accomplished on these units in the past three years, nor are any planned for the following three years. (Separate DD Form 1391 is attached).										
Installation :	Total				14,400					
Germany Total					75,473					
OVERSEAS TO	TALS		75,473		75,473					
Total USA ar	nd Overseas		197,803		197,803					
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Fort Drum						D	p		
New York 5.PROGRAM ELEMENT	1	C (2) [[]	TOODY CODE	1	7 DD(Family Hous	8.PROJECT		
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10.Description of Prop									тттХ

housing at Fort Drum, New York. Privatization may include renovation, demolition, replacement and/or new construction, environmental mitigation, and operation, repair, maintenance and management of family housing functions. The requested funding will provide for the Army's equity contribution to the project scope. In accordance with 10 USC, Section 2883, these funds will be transferred to the DoD Family Housing Improvement Fund (FHIF) to support privatization of Army family housing.

PROJECT: Privatization of family housing using alternative authorities for improvement and acquisition of military housing. (Current Mission)

REQUIREMENT: This funding is required to provide for the Army's financial contribution to support the privatization of family housing. Privatization will improve existing conditions of the inventory to conform to current local standards of adequate size, habitability, safety, and energy conservation and to extend the life of these quarters. It will also provide new family housing and/or demolition where required, and will accelerate the rate at which revitalization is accomplished.

1.COMPONENT	FY	2004	MILITARY	CONSTRUCTION	PROJEC	T DATA	2.DATE	
ARMY		2001		001,211,001			FEBRUARY 2003	
3.INSTALLATION AND	D LOCATIO	ON						
Fort Drum, New	<i>i</i> York							
4.PROJECT TITLE					į	.PROJECT	NUMBER	
Family Housing	r Privat	cizatio	on				58559	

CURRENT SITUATION: The Army's Family Housing Master Plan (FHMP) indicates that two of Fort Drum's inventory of 2,272 units are inadequate. In addition, there are currently 2000 family housing off post leases. These Section 2835 ("801") leases will expire beginning in early FY2008. Privatization will consider acquisition of or new lease contracts for the existing adequate leases in the project scope. Many of these leases are inadequate for continued use, thus creating a projected family housing deficit of 1,244 units which must be addressed as part of the scope of this project.

IMPACT IF NOT PROVIDED: If this project is not provided, both officer and enlisted personnel will continue to reside in inadequate family housing. Privatization will not be accomplished and existing facilities will continue to deteriorate with increased maintenance and operation costs. The Army will not meet the OSD goal of programming for the elimination of all inadequate family housing by 2007, adversely affecting the health, safety and quality of life of the occupants.

<u>ADDITIONAL:</u> Privatization of family housing will provide new construction and revitalization of the existing inventory at a more rapid rate than current procedures and funding levels permit. Privatization will provide renovated/new quarters to standards comparable to housing of similar size and quality as would be available in the local economy. If for any reason privatization cannot be accomplished or is financially infeasible, the Army will execute an improvement project for two family quarters and construction of 260 new quarters to replace existing "801" leased family quarters at the programmed amount of this project.

JOINT USE CERTIFICATION: The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. This facility will be available for use by other components.

Installation Engineer: COL John Ramey Phone Number: 315-772-4496

1.COMPONENT									2.DATE			
	FY 20	004	MILI	ITARY	CON	STI	RUCTION PROJE	ECT DATA				
ARMY							·		FEBR	UARY 2003		
3.INSTALLATION AN		ION			4.PROJECT TITLE							
Carlisle Barra	ıcks						1.3					
Pennsylvania		T						ousing Privatization				
5.PROGRAM ELEMENT	ļ	6.CATE	EGORY CODE		7.PR	≀OJE	ECT NUMBER		COST (\$00	10)		
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10.Description of Propo	osed Cons	truction	Duri	ina F	<u> </u>	04	. the Army w.	ill priva	atize fa	mily		
housing at Car				_			_	_		=_1		
. '				_				_				

During FY 2004, the Army will privatize family housing at Carlisle Barracks, Pennsylvania. Privatization may include renovation, demolition, replacement and/or new construction, environmental mitigation, and operation, repair, maintenance and management of family housing functions. The requested funding will provide for the Army's equity contribution to the project scope. In accordance with 10 USC, Section 2883, these funds will be transferred to the DoD Family Housing Improvement Fund (FHIF) to support privatization of Army family housing.

PROJECT: Privatization of family housing using alternative authorities for improvement and acquisition of military housing. (Current Mission)

REQUIREMENT: This funding is required to provide for the Army's financial contribution to support the privatization of family housing. Privatization will improve existing conditions of the inventory to conform to current local standards of adequate size, habitability, safety, and energy conservation and to extend the life of these quarters. It will also provide new family housing and/or demolition where required, and will accelerate the rate at which revitalization is accomplished.

1.COMPONENT	FY	2004	MILITARY	CONSTRUCTION	PROJEC	r data	Z.DAIE	
ARMY							FEBRUARY	2003
3.INSTALLATION AN	D LOCATIO	N						,
	, _	-						
Carlisle Barra	icks, Pe	nnsy۱۰عد	vanıa					
4.PROJECT TITLE					5	PROJECT 1	IUMBER	
Family Housing	r Privat	cizatio	on				5912	23

<u>CURRENT SITUATION:</u> The existing inventory includes a significant number of units that are in excess of 35 years old and require revitalization and/or replacement in order to bring them up to current standards. The Army's Family Housing Master Plan (FHMP) indicates that 277 of Carlisle Barracks' inventory of 316 units are inadequate. There is a projected surplus of 39 units Carlisle Barracks. The Army's Installation Status Report (ISR) indicates that approximately 72% of the quarters in the U.S. require improvement or replacement in order to meet adequacy standards.

IMPACT IF NOT PROVIDED: If this project is not provided, both officer and enlisted personnel will continue to reside in inadequate family housing. Privatization will not be accomplished and existing facilities will continue to deteriorate with increased maintenance and operation costs. The Army will not meet the OSD goal of programming for the elimination of all inadequate family housing by 2007, adversely affecting the health, safety and quality of life of the occupants.

<u>ADDITIONAL:</u> Privatization of family housing will provide new construction and revitalization of the existing inventory at a more rapid rate than current procedures and funding levels permit. Privatization will provide renovated/new quarters to standards comparable to housing of similar size and quality as would be available in the local economy. If for any reason privatization cannot be accomplished or is financially infeasible, the Army will execute a replacement construction project for 115 officer family quarters at the programmed amount of this project.

JOINT USE CERTIFICATION: The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. This facility will be available for use by other components.

Installation Engineer: Mr. Alan Thompson Phone Number: (717) 245-4040

1.COMPONENT						—			2.DATE	
	FY 20	004	MILJ	ITARY	CON	ST:	RUCTION PROJE	ECT DATA		
ARMY	i	-					•		FEBR	UARY 2003
3.INSTALLATION AND	D LOCAT	ION					4.PROJECT TITLE			
Fort Bliss							l			
Texas							Family Housi			
5.PROGRAM ELEMENT	-	6.CATE	GORY CODE		7.PR0	OJI	ECT NUMBER	8.PROJECT	COST (\$00	0)
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CONTINGENCY PE	ERCENT	(.00	ጋ %)							0
SUBTOTAL										38,059
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TOTAL REQUEST										38,059
TOTAL REQUEST										38,000
INSTALLED EQT-	-OTHER	APPRO	ЭP							(0)
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10.Description of Propo										mily

housing at Fort Bliss, Texas. Privatization may include renovation, demolition, replacement and/or new construction, environmental mitigation, and operation, repair, maintenance and management of family housing functions. The requested funding will provide for the Army's equity contribution to the project scope. In accordance with 10 USC, Section 2883, these funds will be transferred to the DoD Family Housing Improvement Fund (FHIF) to support privatization of Army family housing.

PROJECT: Privatization of family housing using alternative authorities for improvement and acquisition of military housing. (Current Mission)

REQUIREMENT: This funding is required to provide for the Army's financial contribution to support the privatization of family housing. Privatization will improve existing conditions of the inventory to conform to current local standards of adequate size, habitability, safety, and energy conservation and to extend the life of these quarters. It will also provide new family housing and/or demolition where required, and will accelerate the rate at which revitalization is accomplished.

1.COMPONENT				~~			Z.DAIE	
	FY	2004	MILITARY	CONSTRUCTION	PROJEC	T DATA		
ARMY							FEBRUARY 20	03
3.INSTALLATION AND	D LOCATIO	N						
Fort Bliss, Te	exas							
4.PROJECT TITLE					5	.PROJECT	NUMBER	
Family Housing	g Privat	izati	on				57813	

<u>CURRENT SITUATION:</u> The existing inventory includes a significant number of units that are in excess of 35 years old and require revitalization and/or replacement in order to bring them up to current standards. The Army's Family Housing Master Plan (FHMP) indicates that 2,045 of Fort Bliss' inventory of 2,776 units are inadequate. There is no family housing deficit at Fort Bliss. The Army's Installation Status Report (ISR) indicates that approximately 72% of the quarters in the U.S. require improvement or replacement in order to meet adequacy standards.

IMPACT IF NOT PROVIDED: If this project is not provided, both officer and enlisted personnel will continue to reside in inadequate family housing. Privatization will not be accomplished and existing facilities will continue to deteriorate with increased maintenance and operation costs. The Army will not meet the OSD goal of programming for the elimination of all inadequate family housing by 2007, adversely affecting the health, safety and quality of life of the occupants.

<u>ADDITIONAL:</u> Privatization of family housing will provide new construction and revitalization of the existing inventory at a more rapid rate than current procedures and funding levels permit. Privatization will provide renovated/new quarters to standards comparable to housing of similar size and quality as would be available in the local economy. If for any reason privatization cannot be accomplished or is financially infeasible, the Army will execute an improvement project for 220 enlisted and officer family quarters at the programmed amount of this project.

JOINT USE CERTIFICATION: The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. This facility will be available for use by other components.

Installation Engineer: COL Dale Carr

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1.COMPONENT					~~~	-			2.DATE	<u> </u>
7 77 477	FY 200)4	МІТІ	[TARY	CONS	T	RUCTION PROJE	ECT DATA		
ARMY 3.INSTALLATION AN						\neg	4.PROJECT TITLE	1	FEBK	RUARY 2003
		IN					4.PROUECI 11111			
Fort Sam Houst	ion						Esmily House	ina Drive	-+:5+:0	
Texas 5.program element	, l6	CATEG	ORY CODE	,	T _{7 DR} (<u></u> тт.О	Family Housi		COST (\$00	
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88742A		r	711				57811	Approp	6,6	:nn
00,1211				9.C	OST ES	ST:	TIMATES		<u> </u>	
	ITEM			UM (N	M/E)	_	QUANTITY			
PRIMARY FACILI							~			6,602
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SUPPORTING FAC	;ILTITE?	2								1
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										1
										1
										1
ESTIMATED CONT	TRACT CC	ST								6,602
CONTINGENCY PE	ERCENT	(.00	%)							0
SUBTOTAL										6,602
SUPV, INSP & C		٦.) د	JO %)							0
TOTAL REQUEST										6,602
TOTAL REQUEST										6,600
INSTALLED EQT-	-OTHER A	4PPROF	5							(0)
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10.Description of Propo				_			_	_		_
housing at For	it Sam н	iousto	on, Tex	kas. F	∂rıva	ıt.	ization may j	include r	renovati	.on,

10.Description of Proposed Construction During FY 2004, the Army will privatize family housing at Fort Sam Houston, Texas. Privatization may include renovation, demolition, replacement and/or new construction, environmental mitigation, and operation, repair, maintenance and management of family housing functions. The requested funding will provide for the Army's equity contribution to the project scope. In accordance with 10 USC, Section 2883, these funds will be transferred to the DoD Family Housing Improvement Fund (FHIF) to support privatization of Army family housing.

PROJECT: Privatization of family housing using alternative authorities for improvement and acquisition of military housing. (Current Mission)

REQUIREMENT: This funding is required to provide for the Army's financial contribution to support the privatization of family housing. Privatization will improve existing conditions of the inventory to conform to current local standards of adequate size, habitability, safety, and energy conservation and to extend the life of these quarters. It will also provide new family housing and/or demolition where required, and will accelerate the rate at which revitalization is accomplished.

1.COMPONENT	FY 2004	MILITARY	CONSTRUCTION	PROJEC	T DATA	Z.DAIE
ARMY	2001					FEBRUARY 2003
3.INSTALLATION AND	D LOCATION					
Fort Sam Houst	on, Texas					
4.PROJECT TITLE				5	.PROJECT N	IUMBER
Family Housing	y Privatizatio	on				57811

<u>CURRENT SITUATION:</u> The existing inventory includes a significant number of units that are in excess of 35 years old and require revitalization and/or replacement in order to bring them up to current standards. The Army's Family Housing Master Plan (FHMP) indicates that 315 of Fort Sam Houston's inventory of 926 units are inadequate. There is no family housing deficit at Fort Sam Houston. The Army's Installation Status Report (ISR) indicates that approximately 72% of the quarters in the U.S. require improvement or replacement in order to meet adequacy standards.

IMPACT IF NOT PROVIDED: If this project is not provided, both officer and enlisted personnel will continue to reside in inadequate family housing. Privatization will not be accomplished and existing facilities will continue to deteriorate with increased maintenance and operation costs. The Army will not meet the OSD goal of programming for the elimination of all inadequate family housing by 2007, adversely affecting the health, safety and quality of life of the occupants.

<u>ADDITIONAL:</u> Privatization of family housing will provide new construction and revitalization of the existing inventory at a more rapid rate than current procedures and funding levels permit. Privatization will provide renovated/new quarters to standards comparable to housing of similar size and quality as would be available in the local economy. If for any reason privatization cannot be accomplished or is financially infeasible, the Army will execute an improvement project for 38 enlisted family quarters at the programmed amount of this project.

JOINT USE CERTIFICATION: The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. This facility will be available for use by other components.

Installation Engineer: Mr Bill Blount Phone Number: (210) 221-3009

1.COMPONENT								2.DATE	
	FY 2	004	MIL	TARY	CON	STRUCTION PROJ	ECT DATA		
ARMY								FEBRU	JARY 2003
3.INSTALLATION AN	D LOCAT	ION				4.PROJECT TITLE	<u> </u>		
Dugway Proving	g Grou	nd							
Utah	, 0100.					Family Hous:	ina Tmpro	vements	
5.PROGRAM ELEMENT		6.CATI	EGORY CODE		7.PF	OJECT NUMBER	8.PROJECT)))
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0071211			,	9.0	OST E	ESTIMATES		3720	
	ITEM			UM (I	Mr/Er\	QUANTITY			
PRIMARY FACIL				OM (I	M/E/	QUANTITI			2,683
Revite St Johr		k Fam	ilv Hou	FA		27		93,064	(2,513)
Revite Armitag			_			2		40,346	(81)
Building Infor	-		-	LS					(89)
Darrariig IIIIOI	inacio.		CCIIID						(0)
SUPPORTING FAC	ידיד.דידי	ES							211
Electric Servi		<u> </u>		LS					(31)
Water, Sewer,				LS					(104)
Paving, Walks		g & G	utters	LS					(23)
Storm Drainage		D & O	accerb	LS					(20)
Site Imp(2		mo ()	LS					(26)
Information Sy			,	LS					(7)
TIII OI MACIOII BY	Decino			10					(/ /
ESTIMATED CONT	TRACT (COST							2,894
CONTINGENCY PE			00%)						145
SUBTOTAL	псыч	(3.	000)						3,039
SUPV, INSP & (WEDHE.	ΔD (5 70%)						173
TOTAL REQUEST	, 4 milli) حدد	J. / J 6 /						3,212
TOTAL REQUEST	(ROIIN	DED)							3,212
INSTALLED EQT-			ΩP						(0)
TINDIALIDED EQI	CITTER	1.11 T.17	.01						(0)
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Whole neighborhood revitalization of 29 officer 10.Description of Proposed Construction family quarters consisting of 27 five-bedroom single family units (for 1 senior officer, 9 field grade officers, and 17 company grade officers) to be reconfigured from 54 undersized three-bedroom duplexes built in 1964 in St Johns Park Neighborhood, plus 2 field grade officer four-bedroom single family units constructed in 1952 in the Armitage Neighborhood, and upgrade of associated neighborhood amenities and support infrastructure. This project will bring these units up to current standards. Major work associated with the units include: replacing heating systems and converting from fuel oil to gas fired furnaces; rearranging interior partitions to provide separate family rooms and eat in kitchens as well as required number of bedrooms, full size bathrooms, and enclosed laundry areas; garages will be incorporated within the converted duplexes along with addition of driveways; and unit landscaping and privacy screening will be added to all units. The interiors of two of the units in St. Johns Park will be made readily accessible and easily modifiable to accommodate the requirements of the handicapped. Supporting facilities work includes addition of sidewalks, roadway repair, upgrade of sewer laterals, addition of buried natural gas distribution lines, upgrade of neighborhood landscaping, playgrounds and signage.

1.COMPONENT							2.DATE
ARMY	FY	2004	MILITARY	CONSTRUCTION	PROJE	CT DATA	FEBRUARY 2003
3.INSTALLATION AN	D LOCATIO)N					
Dugway Proving	g Ground	l, Utal	ı				
4.PROJECT TITLE						5.PROJECT	NUMBER
Family Housing	g Improv	rements	5				56176

<u>PROJECT:</u> Whole neighborhood revitalization of 29 officer family quarters including neighborhood amenities, energy conservation and supporting facilities to current standards. (Current Mission)

REQUIREMENT: This project is required to improve living conditions of those family quarters to current standards of comfort, size, habitability, safety, energy conservation, and to extend the life expectancy of these housing units. CURRENT SITUATION: The existing family housing in St. Johns Park was constructed in 1964 and improved in 1987 by renovating kitchens, baths, and upgrading exterior and interior finishes. These inadequately sized quarters are the smallest three-bedroom units on the installation at 117 GSM (gross square meters) or 1,012 NSF (net square feet). These single story units do have two bathrooms, one with access only from the master bedroom and the other in the hallway providing access to all other bedrooms. Therefore the size deficiency manifests itself in other than the usual omission of the second bathrooms, such as master bedrooms at 109 NSF. Other deficiencies include lack of a family room, separating laundry area from the kitchen and inefficient oil fired furnaces. With a surplus of undersized three-bedroom units and a shortage of units to adequately house families with four- and five-bedroom requirements, it is more economical to combine these small duplexes into adequate single family units with four- and five-bedrooms rather than to construct new units. Incorporating the required garage within the existing floor plan yeilds houses of about 2,000 GSF, and eliminates the overcrowding that would result with extending garages outside the units in this neighborhood. The two field grade officer units in the Armitage area were constructed in 1952 and improved in 1987. However, the second bathroom in the hall is undersized and must be expanded to include a tub. There are three very large bedrooms in these oversized units which are to be reconfigured into four bedrooms. Family rooms are to be incorporated adjacent to the existing kitchens, with the laundry areas to be relocated. In the St. Johns Park area, there are sidewalks only on one side of the street, and there are no playgrounds areas.

IMPACT IF NOT PROVIDED: If this project is not provided, military and authorized civilian families will continue to live in inadequate housing which will continue to deteriorate, causing increased maintenance and energy costs. These conditions adversely affect the morale, health, safety and quality of life of these families who will not have adequate or functional housing in which to live.

<u>ADDITIONAL:</u> This project has been coordinated with the installation physical security plan, and no physical security or antiterrorism/force protection measures are required. The life cycle cost analysis shows renovation to be more cost effective than all other feasible alternatives. Sustainable principles will be integrated into the design, development, and construction of the project in accordance with Executive Order 13123, and all other applicable laws. Asbestos (in the form of vinyl asbestos tile and pipe

I.COMPONENI							Z.DAIE
	FY	2004	MILITARY	CONSTRUCTION	PROJEC	T DATA	
ARMY							FEBRUARY 2003
3.INSTALLATION AN	ID LOCATIO	N					
Dugway Proving	g Ground	l, Utah	L				
4.PROJECT TITLE					į	PROJECT	NUMBER
Family Housing	g Improv	rements	i				56176

ADDITIONAL: (CONTINUED)

insulation) and some material with lead based paint coating are to be removed in the project.

JOINT USE CERTIFICATION: The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. This facility will be available for use by other components.

Installation Engineer: Mr. Morgan Benson

Phone Number: 435-831-3555

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1.COMPONENT							2.DATE	
	FY 2	004 MIL	ITARY	CONS	TRUCTION PROJ	ECT DATA		
ARMY							FEBR	UARY 2003
3.INSTALLATION AN	D LOCAT	ION			4.PROJECT TITLE	1	I LDI	011111 2003
Storck Barrack	. c							
Germany (Ansba					Family Hous:	ing Impro	wement a	
5. PROGRAM ELEMENT		6.CATEGORY CODI	₹	7. PR(OJECT NUMBER	8.PROJECT		
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88742A		711			55859	Approp	18,9	73
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PRIMARY FACIL	ITEM		UM (I	M/E:)	QUANTITY			15,790
Revitalize Fig		room Unita	FA		30		168,653	
Revitalize For			FA		24		168,653	
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Revitalize III	ее-ве	aroom onic	ГA		54		123,740	(0,002)
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SUPPORTING FAC		<u>ES</u>	T G					1,177
Electric Servi			LS					(79)
Water, Sewer,			LS					(221)
Paving, Walks			LS					(403)
Site Imp(9/) Dei	mo()	LS					(97)
Other			LS					(377)
		a. a. ==	1					16.065
ESTIMATED CONT	_							16,967
CONTINGENCY PR	ERCENT	(5.00%)						848
SUBTOTAL		(6 500)						17,815
SUPV, INSP & (OVERHE.	AD (6.50%)						1,158
TOTAL REQUEST								18,973
TOTAL REQUEST								18,973
INSTALLED EQT-	-OTHER	APPROP						(0)

Whole neighborhood revitalization of 108 junior 10.Description of Proposed Construction and senior enlisted family quarters consisting of 84 junior noncommissioned officer (54 three-bedroom and 30 five-bedroom) and 24 senior noncommissioned officer (24 four-bedroom) apartments in nine multi-story stairwell apartment buildings, constructed between 1956 and 1965, to current standards, including energy efficiency, neighborhood amenities and supporting infrastructure. The existing 162 undersized units are being right sized to provide a total of 108 adequate units, including second bathrooms and laundries within the reconfigured apartments. Work also includes upgrade of electrical, TV, telephone, and fire protection systems as well as insulation, renovating common stairwell areas, and minor repairs in the basement areas and storage rooms. Neighborhood work involves repairing as necessary failing gutters, exterior insulation, plaster and paint, installation of mailboxes and exterior landscaping, and walkway, roadway and utility distribution system repairs, parking upgrade to two spaces per unit, addition of appropriate exterior storage and trash enclosures, and upgrade of neighborhood landscaping, playgrounds and signage.

I.COMPONENT						Z.DAIE
	FY 2004	MILITARY	CONSTRUCTION	PROJECT	' DATA	
ARMY						FEBRUARY 2003
3.INSTALLATION AN	D LOCATION					
Storck Barrack	s, Germany	(Ansbach)				
4.PROJECT TITLE				5.	PROJECT N	IUMBER
Family Housing	Improvement	ts				55859

PROJECT: Whole neighborhood revitalization of 108 junior and senior noncommissioned officer family units in nine multi-story stairwell apartment buildings to current standards including energy conservation improvements, neighborhood amenities and supporting infrastructure. (Current Mission) REQUIREMENT: This project is required to improve existing family housing conditions to conform to adequate standards of comfort, habitability, size, safety, energy conservation and to extend the life expectancy of these units. The nine multi-story apartment buildings consist of 54 CURRENT SITUATION: two-bedroom units at 87 GSM (870 NSF), 54 three-bedroom units at 107 GSM (1,070 NSF), and 54 four-bedroom units at 125 GSM (1,250 NSF). These stairwell buildings are between 36 and 47 years old but were improved between 1984 and 1989 to replace kitchens and bathrooms, plumbing, heating, and electrical systems. These stairwell units still have shared basement laundry facilities and only one bathroom. The housing area does not have adequate walkways, parking or outside storage. Road and parking surfaces are in poor condition and need renewal. Buried utility systems are in need of repair and replacement. Neighborhood recreational facilities are inadequate. This project includes all work required to bring these units up to current standards. IMPACT IF NOT PROVIDED: If this project is not provided, soldiers and their families will continue to reside in inadequate housing with insufficient bathroom, laundry and storage facilities, adversely affecting the health, safety and quality of life of these families. Families with five-bedroom requirements will continue to be forced to reside in undersized units or in expensive economy housing when available.

<u>ADDITIONAL:</u> This project has been coordinated with the installation physical security plan and no anti-terrorism/force protection or physical security measures are required. CG,USAREUR's Conventional Forces Europe (CFE) planners have certified the end-state requirement for the three installations affected by this project. The life cycle cost analysis shows renovation to be more cost effective than all other feasible alternatives.

JOINT USE CERTIFICATION: The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. This facility will be available for use by other components.

<u>NATO SECURITY INVESTMENT:</u> This project is not within an established NATO Infrastructure Category for common funding, nor is it expected to become eligible.

Installation Engineer: MAJ Brian Green Phone Number: DSN 467-1560

1.COMPONENT								2.DATE	
	FY 2	004	MILI	TARY	CON	STRUCTION PRO	JECT DATA		
ARMY						-		FEBR	UARY 2003
3.INSTALLATION AN	D LOCAT	ION				4.PROJECT TIT			
Baumholder Fam	_								
Germany (Baumh						Family Hou			
5.PROGRAM ELEMENT		6.CATEGORY	CODE		7.PI	ROJECT NUMBER		COST (\$00	00)
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88742A		711				56341	Approp	11,6	00
				9.0	COST :	ESTIMATES			
	ITEM			UM (M/E)	QUANTI	Ϋ́		
PRIMARY FACILI									9,214
Revitalize 2-E		_				48		6,603	
Revitalize 3-E				FA		32		61,753	
Revitalize 5-E		_				28		217,310	
Revitalize 4-E	Bedroo	m Single	Uni	FA		4	•	209,095	(836)
SUPPORTING FAC		<u>ES</u>							1,171
Electric Servi				LS			•		(16)
Water, Sewer,				LS			•		(181)
Paving, Walks,				LS			•		(386)
Site Imp(58	38) De	mo()	LS			•		(588)
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ESTIMATED CONT									10,385
CONTINGENCY PE	ERCENT	(5.00%)							519
SUBTOTAL		3D /6 50	0 \						10,904
SUPV, INSP & C	)VERHE.	AD (6.50	る)						709
TOTAL REQUEST	/ DOI:31	DED /							11,613
TOTAL REQUEST		· ·							11,600
INSTALLED EQT-	-OTHER	APPROP							(0)
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Whole neighborhood revitalization of 112 enlisted 10.Description of Proposed Construction and officer family quarters consisting of 76 junior noncommissioned officer (48 two-bedroom, 8 three-bedroom, and 20 five-bedroom) and 32 senior noncommissioned officer (24 three-bedroom and 8 five-bedroom) apartments in six multi-story stairwell buildings constructed in 1953, plus 4 senior officer four-bedroom single dwelling units constructed in 1956, and upgrade of associated neighborhood amenities and supporting infrastructure, all to current standards. Three of the stairwell buildings are being right sized by combining 64 inadequate units into 36 adequate units. Work in these three stairwell buildings and the single family units includes repair or replacement of failed or failing kitchens, baths, flooring, heating system, interior plumbing system, closets, doors, and windows. Also, upgrade the electrical, TV, telephone, security and fire protection systems, as well as insulation, renovate common stairwell areas, and repairs in the basement storage areas including moisture protection/redirection and water-proofing. Asbestos, lead paint and flooring adhesive (PAH) contamination will be removed where encountered. Second bathrooms and private laundries are added within 8 adequately sized three-bedroom units and 28 reconfigured five-bedroom units and within exterior tower additions on 24 undersized three-bedroom apartments.

1.COMPONENT	To V	2004	MILITARY CONSTRUCTION	OM DDOT		Z.DAIE
ARMY	FI	2004	MILITARY CONSTRUCTION	JN PROU	ECI DATA	FEBRUARY 2003
3.INSTALLATION AN	D LOCATIO	N				
Baumholder Fam	n Hsg, (	Germany	y (Baumholder)			
4.PROJECT TITLE					5.PROJECT	NUMBER
Family Housing	x Tmprov	zements	3			56341

#### DESCRIPTION OF PROPOSED CONSTRUCTION: (CONTINUED)

Private laundries are added within all 48 two-bedroom apartments. Supporting facility work involves repairing as necessary failing gutters; exterior insulation, plaster and paint; installation of exterior mailboxes; landscaping, walkway, roadway and utility distribution systems repair; parking upgrade to two spaces per dwelling unit; addition of exterior storage and trash enclosures; and upgrade of neighborhood landscaping, playgrounds, signage and community facilities. All neighborhood work is in accordance with the local Housing Community Plan.

<u>PROJECT:</u> Whole neighborhood revitalization of 112 family quarters including 76 junior and 32 senior noncommissioned officer stairwell apartments plus 4 senior officer single dwelling units to include neighborhood amenities, supporting facilities, and energy conservation improvements to current standards. (Current Mission)

<u>REQUIREMENT:</u> This project is required to improve existing conditions of these enlisted and officer family quarters to conform to adequate standards of comfort, habitability, safety, energy conservation, and to extend the life expectancy of these units.

CURRENT SITUATION: The existing family apartments contained in six multi-story apartment buildings constructed in 1953 consist of 88 two-bedroom units at 116 GSM (1,133 NSF) and 48 three-bedroom units at 147 GSM (1,443 NSF), for a total of 136 apartments. The 4, four-bedroom single family units constructed in 1956 have 203 GSM (1,761 NSF). A variety of revitalization solutions are applied in this project to produce 108 adequate family housing apartments and four single family, four-bedroom homes. Three of the stairwell buildings have adequate interior conditions but now require laundry facilities in the 2BR units and tower additions to provide the second bath and laundry in the 3BR units. The other three stairwell buildings and the four single dwelling units have had no improvements since original construction, but remain structurally sound. The condition of the unrenovated units is as follows: the kitchens are too small, laid out inefficiently and do not have dishwashers or exhaust hoods venting outside; cabinets, surfaces and fixtures have deteriorated; existing bathroom fixtures are worn out; heating systems are inadequate; the electrical systems are deteriorated and undersized; and asbestos and lead-based paint have been identified and abatement is required in this project. The existing three-bedroom units in all six apartment buildings only have one bathroom; shared laundry facilities are located in dismal basements; storage areas in the basements require repair; the buildings lack flammable exterior storage and adequate trash receptacle enclosures; and they do not have adequate parking. Existing road and parking surfaces are in poor condition and need renewal. Buried utility systems are in need of repair and replacement. Neighborhood recreational facilities are inadequate. This project includes all work required to bring these units up to current standards.

1.COMPONENT	FY	2004	MILITARY CONSTRUCTION	ON PROJECT DATA	Z.DAIE
ARMY					FEBRUARY 2003
3.INSTALLATION AN	D LOCATIO	ON			
Baumholder Fam	n Hsg, (	Germany	y (Baumholder)		
4.PROJECT TITLE				5.PROJECT	NUMBER
Family Housing	ı Improv	vements	5		56341

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, retention and quality of life of these enlisted personnel and their families. Maintenance and energy costs will continue to accelerate, precluding attainment of energy reduction goals. Building components have exceeded their useful life and are failing. ADDITIONAL: This project has been coordinated with the installation physical security plan and no physical security or anti-terrorism/force protection measures are required. USAREUR's Conventional Forces Europe (CFE) planners have certified the end-state requirement for this installation. The life cycle cost analysis shows revitalization to be more cost effective than all other feasible alternatives. No improvements or major repairs were accomplished in the past three years, nor are any planned for the following three years.

JOINT USE CERTIFICATION: The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. This facility will be available for use by other components.

<u>NATO SECURITY INVESTMENT:</u> This project is not within an established NATO Infrastructure Category for common funding, nor is it expected to become eligible.

Installation Engineer: Robert R. Baumgardt Phone Number: DSN 485-1560

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1.COMPONENT							2.DATE	
	<b>FY</b> 2	004 <b>MIL</b> :	ITARY	CONS	TRUCTION PROJ	ECT DATA		
ARMY							FEBR	UARY 2003
3.INSTALLATION AND	D LOCAT	ION			4.PROJECT TITLE			
Wetzel Family	Housi	ng						
Germany (Baumh		•			Family Hous			
5.PROGRAM ELEMENT		6.CATEGORY CODE	]	7.PR0	JECT NUMBER	8.PROJECT	COST (\$00	0)
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88742A		711			56379	Approp	14,0	00
			9.	COST E	STIMATES			
	ITEM		UM	(M/E)	QUANTITY			2 000
PRIMARY FACILI								9,999
Revitalize Fiv			FA		30		181,016	
Revitalize Thr			FA		42		104,735	
Revitalize Two	-Bedr	oom Units	FA		24		7,091	(170)
CTTD DODETNIG TIL								0.445
SUPPORTING FAC		<u>ES</u>	_ ~					2,445
Electric Servi			LS					(173)
Water, Sewer,		<b>.</b>	LS					(482)
Paving, Walks,			LS					(878)
Site Imp( 35	-	mo( )	LS					(356)
Building Exter	rior		LS					(556)
ECHTMA HED. COM	77 A CITI	~~~~						10 444
ESTIMATED CONT								12,444
CONTINGENCY PE	RCENT	(5.00%)						622
SUBTOTAL		75 (6 500)						13,066
SUPV, INSP & C	)VEKHE.	AD (6.50%)						849
TOTAL REQUEST	/ DOINT	\						13,915
TOTAL REQUEST	-	•						14,000
INSTALLED EQT-	OTHER	APPROP						(0)
10 Degazintion of Dyone			1	1.1	rhood rouital	<u> </u>	5 06 '	1

10.Description of Proposed Construction Whole neighborhood revitalization of 96 junior enlisted family quarters (24 two-bedroom, 42 three-bedroom, and 30 five-bedroom apartments) in seven multi-story stairwell apartment buildings constructed in 1955, along with upgrade of neighborhood amenities and supporting infrastructure for about half of Wetzel Family Housing Area (243 units total), all to current standards. Two of the seven stairwell apartment buildings only require the addition of a bath/laundry tower on 12 three-bedroom units and private laundry facilities in 24 two-bedroom units. Work in the five other stairwell buildings includes reconfiguring from 90 to 60 units, repair or replace failed or failing kitchens, baths, flooring, heating system, interior plumbing system, closets, doors, and windows. Second bathrooms and private laundries are added within 30 right sized three-bedroom apartments and within 30 right sized five-bedroom apartments. Work in all buildings includes upgrade in various degrees of the electrical, TV, telephone, security, force protection, and fire protection systems, as well as insulation, renovate common stairwell areas, and repairs in the basement storage areas including moisture protection/redirection and water-proofing. Asbestos, lead paint and flooring adhesive (PAH) contamination will be removed where encountered. Supporting facility work is included in this project for

1.COMPONENT	<b>FY</b> 2004	MILITARY CONSTRUCTION	I PROJECT D	ATA Z.DATE
ARMY	F1 2004	MINITARI CONDIROCIION	I FROUECT D	FEBRUARY 2003
3.INSTALLATION AN	D LOCATION			
Wetzel Family	Housing, Gerr	many (Baumholder)		
4.PROJECT TITLE			5.PRO	JECT NUMBER
Family Housing	Tmprovements	3		56379

#### DESCRIPTION OF PROPOSED CONSTRUCTION: (CONTINUED)

243 units, including the units renovated in this project. This work involves repairing as necessary failing gutters; exterior insulation, plaster and paint; installation of exterior mailboxes; landscaping, walkway, roadway and utility distribution systems repair; parking upgrade to two spaces per dwelling unit; addition of exterior storage and trash enclosures; and upgrade of neighborhood landscaping, playgrounds, signage and community facilities. All neighborhood work is in accordance with the local Housing Community Plan.

<u>PROJECT:</u> Whole neighborhood revitalization of 96 junior enlisted family apartments to include neighborhood amenities and supporting facilities for 243 units, all to current standards. (Current Mission)

<u>REQUIREMENT:</u> This project is required to improve existing conditions of these enlisted family apartments to conform to adequate standards of comfort, habitability, safety, energy conservation, and to extend the life expectancy of these units.

CURRENT SITUATION: These existing family quarters are located in 7 multi-story apartment buildings constructed in 1955, consisting of 54 two-bedroom units at 94 GSM (922 NSF), 42 three-bedroom units at 110 GSM (1,076 NSF), and 42 four-bedroom units at 129 GSM (1,259 NSF) for a total of 138 apartments. A variety of revitalization solutions are applied in this project to produce 108 adequate family housing apartments. Two of the stairwell buildings have adequate interiors but now require bath/laundry towers to provide the second bath and private laundry; three of the stairwell buildings have been unrenovated since 1983; and, two of the stairwell buildings have not been renovated since their construction. All buildings remain structurally sound. The condition of these unrenovated units is as follows: the kitchens are too small, laid out inefficiently and do not have dishwashers or exhaust hoods venting outside; cabinets, surfaces and fixtures have deteriorated; existing bathroom fixtures are worn out; heating systems are inadequate; the electrical systems are deteriorated and undersized; and asbestos and lead-based paint have been identified and abatement is required in this project. In all seven apartment buildings, the existing three-bedroom units only have one bathroom and the four-bedroom units have an additional half bath; shared laundry facilities are located in dismal basements; storage areas in the basements require repair; and the buildings lack adequate trash receptacle enclosures and adequate parking, providing just over one parking space per unit. Existing road and parking surfaces are in poor condition and need renewal. Buried utility systems are in need of repair and replacement. Neighborhood recreational facilities are insufficient, lacking tot lots, ball courts, playing fields and jogging paths. 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, retention, safety and quality

1.COMPONENT	<b>FY</b> 2004	MILITARY CONSTRUCTION	PROJECT DATA	Z.DAIE
ARMY				FEBRUARY 2003
3.INSTALLATION AN	D LOCATION			
Wetzel Family	Housing, Germ	nany (Baumholder)		
4.PROJECT TITLE			5.PROJECT	NUMBER
Family Housing	y Improvements	3		56379

### IMPACT IF NOT PROVIDED: (CONTINUED)

of life of these enlisted personnel and their families. Maintenance and energy costs will continue to accelerate, precluding attainment of energy reduction goals. Building components have exceeded their useful life and are failing. <a href="ADDITIONAL:">ADDITIONAL:</a>
This project has been coordinated with the installation physical security plan and no physical security or anti-terrorism/force protection measures are required. USAREUR's Conventional Forces Europe (CFE) planners have certified the end-state requirement for this installation. The life cycle cost analysis shows revitalization to be more cost effective than all other feasible alternatives. No improvements or major repairs were accomplished in the past three years, nor are any planned for the following three years.

JOINT USE CERTIFICATION: The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. This facility will be available for use by other components.

NATO SECURITY INVESTMENT: This project is not within an established NATO Infrastructure Category for common funding, nor is it expected to become eligible.

Installation Engineer: Robert R. Baumgardt Phone Number: DSN 485-1560

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1.COMPONENT								2.DATE	
	<b>FY</b> 2	004 <b>MILI</b>	TARY	CON	ST	RUCTION PROJE	CT DATA		
ARMY	ĺ							FEBR	UARY 2003
3.INSTALLATION AN	D LOCAT	'ION			$\neg$	4.PROJECT TITLE			
Benjamin Frank	klin V	il Fam Hsq							
Germany (Mannh		<b>11 1 3 3 3 3 3 3</b>	Family Housing Improvements						
5. PROGRAM ELEMENT		6.CATEGORY CODE		7.PF	ROJI	ECT NUMBER	8.PROJECT		
	ŀ		I				Auth		,
88742A	ŀ	711	ļ			56559	Approp	16,5	00
00, 1=1-			9.C	OST F	EST:	IMATES		,-	
	ITEM		UM (M	vi/E)		QUANTITY			
PRIMARY FACILI		-	01.1 (1.	1, 11,		201111111			13,923
Revitalize Thr		droom Units	FA			48		120,962	
Revitalize Fiv			FA	1		48		169,098	
	_					-		_ , , , , ,	, - , , ,
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		ŀ		1					
		ŀ		1					
SUPPORTING FAC	TLITI	F.S	<del>                                     </del>	$\rightarrow$					837
Paving, Walks,			LS						(320)
Site Imp( 19			LS						(195)
Upgrade Build			LS						(322)
OP31000 1	***** -	ACCI 101		1					( = = ,
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ESTIMATED CONT	 ГРДСТ	COST		$\rightarrow$					14,760
CONTINGENCY PE									738
SUBTOTAL	псыт	(3.000)							15,498
SUPV, INSP & C	WEBHE	AD (6.50%)							1,007
TOTAL REQUEST	/ V 11/11111	AD (0.500)							16,505
TOTAL REQUEST	/ POIIN	רבע <i>)</i>							16,500
INSTALLED EQT-									(0)
THOINTHE EĞI	-0111510	APPROF							( 0 )
		ļ							
10.Description of Propo	osed Cons	truction Whol	e ne:	<u> </u>	or1	hood revitali	zation c	1 96 iu	nior

enlisted family quarters in eight multi-story stairwell apartment buildings (six on Jefferson Street and two on Washington Street) constructed in 1954. This project reconfigures 144 apartments into 96 adequate apartments consisting of 48 five-bedroom and 48 three-bedroom. Revitalization will be to current standards plus neighborhood amenities and supporting infrastructure associated with these buildings. Work includes reconfiguration of floor plan to increase unit size, adding bathroom and private laundry, repair or replace failed and failing kitchens, flooring, heating system, interior plumbing system, closets, doors and windows. Upgrade electrical, TV, telephone and fire protection systems as well as insulation. Renovate common stairwell areas and do minor required repairs in the basement areas and storage rooms. Two apartments in this project will be designed to be handicap accessible. Neighborhood improvement work involves repairing as necessary failed or failing gutters, downspouts and roof tiles, exterior insulation, plaster and paint, addition of recreational facilities, exterior flammable storage and trash enclosures, upgrade landscaping, playgrounds, underground utility distribution systems, community support facilities, and upgrade to two off street parking spaces per unit. All neighborhood work is in accordance with

I.COMPONENT	<b>FY</b> 200	)4 MILITARY	CONSTRUCTION	PROJECT	DATA	2.DATE			
ARMY						FEBRUARY	2003		
3.INSTALLATION AND	) LOCATION								
Benjamin Frank	enjamin Franklin Vil Fam Hsg, Germany (Mannheim)								
4.PROJECT TITLE				5.	PROJECT 1	NUMBER			
Family Housing	Improveme	ents				56559	)		

DESCRIPTION OF PROPOSED CONSTRUCTION: (CONTINUED)

the local Housing Community Plan.

PROJECT: Whole neighborhood revitalization of 96 stairwell type junior enlisted family quarters, neighborhood amenities and supporting infrastructure, all to current standards. (Current Mission)

REQUIREMENT: This project is required to improve existing junior enlisted family housing conditions to conform to adequate standards of comfort, habitability, size, safety, energy conservation and to extend the life expectancy of these units.

CURRENT SITUATION: These eight multi-story apartment buildings consist of 48 two-bedroom units at 95 GSM (925 NSF), 48 three-bedroom units at 110 GSM (1,079 NSF), and 48 four-bedroom units at 126 GSM (1,237 NSF). All apartments are undersized and the 2BR units are excess to current requirements. These two-bedroom units will be combined with adjacent, undersized three-bedroom units to provide adequately sized five-bedroom units to meet community needs. The undersized four-bedroom end units will be revitalized as adequate three-bedroom units. The buildings are 48 years old with minor project work done since original construction to include exterior insulation and siding and windows in the mid '80s, and piecemeal bathroom and kitchen repairs between occupancy. Although buildings are structurally sound, entrances and stairwells are antiquated and unsightly. Shared laundry facilities are located in the basements. Storage rooms in the basement need repairs. Heating and electrical systems are deteriorated and inadequate. The housing area does not have adequate walkways, parking or outside storage. Road and parking surfaces are in poor condition and need renewal. Buried utility systems are failing and in need of major repair and replacement. Storm water runoff requires improvement to eliminate ponds due to inadequate drainage. Neighborhood recreational facilities are inadequate.

IMPACT IF NOT PROVIDED: If this project is not provided, the quarters will continue to deteriorate, causing maintenance and energy costs to accelerate, precluding attainment of the President's directive on energy reduction. Service members will continue to reside in inadequate quarters which adversely affects the health, safety and quality of life of these enlisted personnel and their families.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and no anti-terrorism/force protection or physical security improvements are required. CINC USAREUR'S Conventional Forces Europe (CFE) planners have certified the end-state requirement for this installation. The life cycle cost analysis shows revitalization to be more cost effective than all other feasible alternatives.

JOINT USE CERTIFICATION: The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. This facility will be available for use by other

1.COMPONENT			2 DATE
1.COMPONENT	FY 2004 MILITARY CONSTRUCTION PROJE	יכיי האייא	2.DATE
7. 17.1/15.7	FI 2004 MILITARY CONSTRUCTION PROOF	CI DAIA	EEDDIADA 2002
ARMY 3.INSTALLATION AN	D I OCATION		FEBRUARY 2003
J.INDIALLANION AN	D DOCULTON		
<u>_</u>	11		
Benjamin Frank	clin Vil Fam Hsg, Germany (Mannheim)		
4.PROJECT TITLE		5.PROJECT 1	NUMBER
Family Housing	g Improvements		56559
ADDITIONAL:	(CONTINUED)		
components.			
NATO SECURITY	INVESTMENT: This project is not within a	n establ:	ished NATO
	Category for common funding, nor is it $\epsilon$		
eligible.	3, 1	1	
CII JIDIC.			

Phone Number: DSN387-3072

Installation Engineer: Mr. Rolf Kittner

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1.COMPONENT							2.DATE	
11001110112111	<b>FY</b> 2	004 <b>MTT.</b>	TTARY	CONS	STRUCTION PROJ	CT DATA	2,2,,,,	
ARMY	2	001		CO111	JIROCIION IROO!	JCI DIIIII	FFDD	UARY 2003
3.INSTALLATION AN	דיטטאד	TON			4.PROJECT TITLE	1	FEDR	UAR1 2003
		1011			T.TROOECT TITLE			
Crestview Hous	_				- '1			
Germany (Wiesk				I =	Family Hous:			
5.PROGRAM ELEMENT	'	6.CATEGORY CODE	E	7.PR	OJECT NUMBER	8.PROJECT	COST (\$00	10)
						Auth		
88742A		711			55880	Approp	14,4	00
			9.C	OST E	STIMATES			
	ITEM		UM (I	M/E)	QUANTITY			
PRIMARY FACILI	<u>YT1</u>							10,954
Revitalize Two	-Bedr	oom Units	FA		46		97,417	(4,481)
Revitalize Th	ree-Be	droom Units	FA		50		124,377	(6,219)
Building Infor	rmatio	n Systems	LS					(254)
SUPPORTING FAC	TTTTT	ES						1,959
Paving, Walks			LS					(927)
Site Imp( 17			LS					(179)
Building Exte		1110 (	LS					(853)
Bulluling Exce	STIOT		ПО					(033)
ESTIMATED CONT	_							12,913
CONTINGENCY PR	ERCENT	(5.00%)						646
SUBTOTAL								13,559
SUPV, INSP & (	OVERHE	AD (6.50%)						<u>881</u>
TOTAL REQUEST								14,440
TOTAL REQUEST	(ROUN	DED)						14,400
INSTALLED EQT-	-OTHER	APPROP						(0)
_								

Whole neighborhood revitalization of 96 junior and 10.Description of Proposed Construction senior noncommissioned officer family quarters in nineteen apartment buildings, constructed in 1949 and 1953, to current standards including neighborhood amenities, energy efficiency and infrastructure supporting a total of 254 apartments. This project reconfigures 14 oversized two-bedroom and 14 undersized three-bedroom apartments in 7 four-plex buildings into 28 adequately sized apartments, 14 two and 14 three-bedroom; reconfigures 16 undersized two-bedroom and 16 undersized three-bedroom apartments in 8 four-plex buildings into 32 adequate two-bedroom apartments; retains 24 adequately sized junior noncommissioned officer three-bedroom apartments and right sizes 24 undersized two-bedroom apartments in 4 stairwell buildings into 12 adequately sized senior noncommissioned three-bedroom apartments. Work includes repair or replace failed and failing kitchens, baths, flooring, heating system, interior plumbing system, closets, doors, windows, removal of asbestos and lead paint contaminents, upgrade in various degrees of the electrical, TV, telephone, security and fire protection systems, as well as insulation, renovate common stairwell areas, and repairs in the basement areas and storage rooms, including moisture protection/redirection and water-proofing. Private laundries will be provided in all two-bedroom units

1.COMPONENT	<b>FY</b> 2	2004	MTT.TTARY	CONSTRUCTION	PROJEC	т рата	Z.DATE	
ARMY	2	1001		001101110011011	1110010		FEBRUARY 2003	
3.INSTALLATION AN	D LOCATION	Ť						
Crestview Hous	sing, Ger	rmany	(Wiesbade	n)				
4.PROJECT TITLE					5	.PROJECT	NUMBER	
Family Housing	Tmprove	ments					55880	

#### DESCRIPTION OF PROPOSED CONSTRUCTION: (CONTINUED)

and all three-bedroom units will have the second bath and laundry within the reconfigured apartment. Supporting facility work is included in this project for 254 units - approximately half of the Crestview neighborhood - in 33 contiguous buildings (7028-7048, 7051-7062). This work involves repairing as necessary failing gutters, exterior insulation, plaster and paint, balcony repairs, installation of mailboxes and exterior landscaping, walkway and roadway repairs, parking upgrade to two spaces per unit, addition of appropriate exterior storage and trash enclosures, and upgrade of neighborhood landscaping, playgrounds and signage. All neighborhood work is in accordance with the local Housing Community Plan

<u>PROJECT:</u> Whole neighborhood revitalization of 96 junior and senior noncommissioned officer family stairwell apartments and neighborhood amenities, supporting infrastructure, and energy conservation improvements supporting a total of 254 apartments, all to current standards. (Current Mission)

<u>REQUIREMENT:</u> This project is required to improve existing junior and senior noncommissioned officer family housing conditions to conform to adequate standards of comfort, habitability, size, safety, energy conservation and to extend the life expectancy of these units.

CURRENT SITUATION: The nineteen apartment buildings consist of 54 two-bedroom apartments from 953 to 1,149 NSF and 54 three-bedroom apartments from 1,130 to 1,238 NSF. A variety of revitalization solutions are applied in this project to produce 96 adequate family housing apartments. These nineteen buildings are all about 50 years old. Ten of them had exterior improvement work accomplished in the mid-1980s. Bathrooms have also had some piecemeal repairs between occupancy, including new flooring, tub-liners, and sanitary fixtures. Heating systems are inadequate. Electrical system are deteriorated and undersized. Although all of the buildings are structurally sound, entrances and stairwells are antiquated and unsightly. Shared laundry facilities are located in the basements. Storage rooms in the basement need repairs. The housing areas do not have adequate walkways, parking or outside storage. Road and parking surfaces are in poor condition and need renewal. Buried utility systems are in need of repair and replacement. Neighborhood recreational facilities are inadequate. This project includes all work required to bring these units up to current standards.

IMPACT IF NOT PROVIDED: If this project is not provided, service members and their families will continue to live in inadequate housing which will continue to deteriorate, causing increased maintenance and energy costs. This adversely affects the health, safety and quality of life of these enlisted and officer personnel and their families.

<u>ADDITIONAL:</u> USAREUR's Conventional Forces Europe (CFE) planners have certified the end-state requirement for this installation. The life cycle cost analysis shows revitalization to be more cost effective than all other

1.COMPONENT	FY	2004	MILITARY	CONSTRUCTION	PROJE	CT DATA	2.DATE	
ARMY							FEBRUARY 2003	
3.INSTALLATION AND LOCATION								
Crestview Hous	sing, Ge	ermany	(Wiesbade	n)				
4.PROJECT TITLE						5.PROJECT I	NUMBER	
Family Housing	g Improv	vement	S				55880	

### ADDITIONAL: (CONTINUED)

feasible alternatives. This project has been coordinated with the installation physical security plan, and no physical security or antiterrorism/force protection measures are required.

JOINT USE CERTIFICATION: The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. This facility will be available for use by other components.

<u>NATO SECURITY INVESTMENT:</u> This project is not within an established NATO Infrastructure Category for common funding, nor is it expected to become eligible.

Installation Engineer: Mr. Tom Robertson

Phone Number: DSN 337-1560

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### ARMY FAMILY HOUSING FY 2004 BUDGET ESTIMATE PLANNING AND DESIGN

### (\$ in Thousands) FY 2004 Authorization Request \$34,488 FY 2004 Appropriation Request \$32,488

FY 2003 Appropriation \$15,653

### PURPOSE AND SCOPE

This program provides funding for preparing working drawings, specifications, cost estimates, project planning reports, final design drawings and reviews of construction proposals. Also included are architectural and engineering services supporting new or post acquisition construction projects, and costs incurred in developing requests for project proposals. These funds also are used to plan and design future family housing construction projects and family housing energy conservation projects. None of the FY04 request will be used to support the Housing Privatization Initiative.

### Authorization and Appropriation Request

Authorization requested for \$34,488,000 and appropriation requested for \$32,488,000 in FY 2004 to fund family housing construction planning and design activities excluding Housing Privatization Initiative. An additional \$2,000,000 from FY 2002 inflation savings will be applied to the FY 2004 program.

### PROGRAM SUMMARY

Planning and Design funds will provide for final design work on FY 2004 and FY 2005 projects, and for initial concept designs for FY 2006 projects to ensure that construction contracts can be awarded in the respective fiscal years. The FY 2004 budget request increases to fund planning and design for a more robust FY 2005 and FY 2006 program.

The FY 2004 planning and design program supports the Army's continuing emphasis on the whole neighborhood revitalization program. Revitalization projects require a greater degree of planning and design than do new construction projects. This additional design effort is necessary to ensure modernization requirements, including supporting utility systems and infrastructure, are efficiently and effectively integrated into existing structures.

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### ARMY FAMILY HOUSING FY 2004 BUDGET ESTIMATE OPERATION, UTILITIES, AND MAINTENANCE

#### (\$ in Thousands)

		( )	
FY	2004	Budget Request	\$778,967
FY	2003	Appropriation	\$881,096
FY	2003	Adjusted Appropriation	\$872,065

### PURPOSE AND SCOPE

Operation Accounts. The operating accounts portion of the program provides for expenses in the following sub-accounts and includes both direct and indirect support, as applicable:

- 1. <u>Management</u> Provides resources for family housing management, installation administrative support and for services provided by Community Homefinding, Relocation, and Referral Services. Includes housing requirements surveys, condition assessments of existing housing, and development of family housing construction and repair projects. Includes the installation and operation of the Housing Operation Management Systems (HOMES) to support effective housing management. Also includes personnel costs for residual housing staff at RCI housing locations.
- 2. <u>Services</u> Provides basic installation service support functions such as refuse collection and disposal, pest control, snow removal and street cleaning. Includes the cost of family housing's proportionate share of fire and police protection. Also includes cost of fire and police protection in RCI housing areas.
- 3. <u>Furnishings</u> Provides for procurement, management, control, moving and handling of furnishings; plus maintenance, repair, and replacement of the existing furnishings inventory.
- 4. <u>Miscellaneous</u> Provides payments to non-Department of Defense agencies for housing units occupied by Army personnel.

<u>Utilities Account</u>. The utilities account includes the costs of heat, air conditioning, electricity, water, and sewage for family housing units. Also includes the cost of utilities for privatized housing at Fort Carson.

### ARMY FAMILY HOUSING FY 2004 BUDGET ESTIMATE OPERATION, UTILITIES, AND MAINTENANCE (continued)

<u>Maintenance Account</u>. The maintenance account provides funding for the following activities required to maintain family housing real property assets:

- 1. <u>Dwellings</u> Includes service calls, routine/recurring maintenance and repairs, interior and exterior painting, between occupancy maintenance, and major maintenance and repair (M&R) work. Major M&R work includes projects deferred in prior years and continues our revitalization program (primarily oversees) to extend the useful life of the quarters, reduce future maintenance and utility costs, and increase occupancy in the outyears.
- 2. <u>Exterior Utilities</u> Includes costs for maintenance and repair of sewer and water lines, primary and secondary electric lines, and other exterior utilities exclusively for use by family housing.
- 3. Other Real Property Includes work on grounds, surfaced areas, and other real property serving family housing.
- 4. <u>Incidental Improvements</u> Includes low-cost incidental (minor) improvements for less than \$3,000 per dwelling unit. This work is normally performed concurrently with maintenance and repair projects. Also includes modifications to quarters to meet the needs of exceptional family members.
- 5. <u>Major Maintenance and Repair</u> Includes the program overseas to repair and revitalize the family housing inventory. The result extends the useful life of the quarters, reduce future maintenance and utility costs and increases occupancy in the outyears.

Reimbursement Authority. This account provides authority to incur additional costs for services and repair of damages to be reimbursed by collection of payments from Federal and non-Federal sources.

## ARMY FAMILY HOUSING FY 2004 BUDGET ESTIMATE OPERATION, UTILITIES, AND MAINTENANCE (continued)

### PROGRAM SUMMARY

Authorization and appropriation are requested for \$778,967,000 for FY 2004. This amount, together with estimated reimbursements of \$22,000,000 will fund the Operation, Utilities, and Maintenance program of \$800,967,000. A summary follows:

(\$ in thousands)

			Total	Reimburse-	Total
Operation	<u>Utilities</u>	Maintenance	Direct	ments	Program
179,030	167,332	432,605	778,967	22,000	800,967

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#### ARMY FAMILY HOUSING

### FY 2004 BUDGET ESTIMATE OPERATION AND MAINTENANCE, SUMMARY (WORLDWIDE)

### Excludes Leased & Privatized Units and Costs

FY 2004

		FY 2	002	FY 2	2003	FY 2	2004	
Α.	INVENTORY DATA	ACT	JAL	CURRENT	ESTIMATE	BUDGET	REQUEST	
	*INVENTORY BEGINNING OF YEAR INVENTORY END OF YEAR EFFECTIVE AVERAGE INVENTORY HISTORIC UNITS UNITS REQUIRING O&M FUNDING: a. Contiguous US b. U.S. Overseas c. Foreign d. Worldwide	101,796 93,854 98,302 4,385 63,664 10,884 23,755 98,303		93, 92, 93, 3,9 59, 10, 23, 93,	953 435 973 495 184 757	80,381 80,459 80,421 3,565 46,357 10,288 23,776 80,421		
в.	FUNDING REQUIREMENT	UNIT COST (\$)	TOTAL COST (\$000)	UNIT COST	TOTAL COST (\$000)	UNIT COST	TOTAL COST (\$000)	
2.3.	OPERATION  a. Management b. Services c. Furnishings d. Miscellaneous  SUBTOTAL - OPERATION  UTILITIES  MAINTENANCE a. Annual Recurring M&R b. Major M&R Projects c. Exterior Utilities d. M&R, Other Real Prop. e. Alts. & Additions  SUBTOTAL MAINTENANCE	842 451 472 13 1,778 1,999 2,555 1,876 226 387 77 5,121	82,761 44,349 46,392 1,232 174,734 196,483 251,143 184,417 22,184 37,997 7,588 503,329	514 14 1,920 2,257 2,487 1,995 207 394 74	88,526 41,546 48,013 1,312 179,397 210,911 232,330 186,368 19,332 36,784 6,943 481,757	581 555 16 2,225 2,081 2,567 2,113 210 412 77	167,332 206,422 169,964 16,889 33,171	
4.	FOREIGN CURRENCY		[20,438]					
5.	APPROPRIATION	8,898	874,546	9,334	872,065	9,685	778,967	
6.	REIMBURSABLE PROGRAM	<u>181</u>	<u>17,804</u>	<u>235</u>	22,000	<u>274</u>	22,000	
7.	TOTAL O&M PROGRAM	9,079	892,350	9,569	894,065	9,959	800,967	

^{*} Inventory reductions due to privatization are reflected in the Inventory Beginning of Year column for following fiscal year

# ARMY FAMILY HOUSING FY 2004 BUDGET ESTIMATE OPERATION AND MAINTENANCE, SUMMARY (CONUS) Excludes Leased & Privatized Units and Costs

FY 2004

		FY :	2002	FY 2	2003	FY 2004		
Α.	INVENTORY DATA	ACTUAL		CURRENT	ESTIMATE	BUDGET REQUEST		
	INVENTORY BEGINNING OF YEAR INVENTORY END OF YEAR EFFECTIVE AVERAGE INVENTORY HISTORIC UNITS	59, 63,	747 627 664 945	59, 59, 59, 3,5	395 495	46,278 46,435 46,357 3,125		
В.	FUNDING REQUIREMENT	UNIT COST	TOTAL COST (\$000)	UNIT COST	TOTAL COST (\$000)	UNIT COST	TOTAL COST (\$000)	
1.	OPERATION  a. Management  b. Services  c. Furnishings  d. Miscellaneous	805 453 138 <u>15</u>	51,218 28,838 8,770 <u>961</u>	978 464 133 <u>17</u>	58,202 27,611 7,887 <u>999</u>	659 148 <u>21</u>	30,568 6,881	
2.3.	UTILITIES MAINTENANCE a. Annual Recurring M&R b. Major M&R Projects c. Exterior Utilities d. M&R, Other Real Prop. e. Alts. & Additions	1,411 1,695 2,384 1,248 218 283 66	89,787 107,888 151,782 79,425 13,875 18,034 4,213	1,592 2,035 2,104 1,101 192 250 58	94,699 121,086 125,148 65,488 11,440 14,869 3,474	1,943 2,293 1,200 210 272	55,628 9,718	
4.	SUBTOTAL MAINTENANCE FOREIGN CURRENCY	4,199	267,329	3,705	220,419	4,039	187,232	
5.	APPROPRIATION	7,305	465,004	7,332	436,204	7,988	370,354	
6.	REIMBURSABLE PROGRAM	227	14,462	286	17,000	<u>367</u>	17,000	
7.	TOTAL O&M PROGRAM	7,532	479,466	7,618	453,204	8,355	387,354	

### ARMY FAMILY HOUSING FY 2004 BUDGET ESTIMATE

# OPERATION AND MAINTENANCE, SUMMARY (U.S. OVERSEAS) Excludes Leased & Privatized Units and Costs FY 2004

А.	INVENTORY DATA	FY 2002 ACTUAL		FY 2003 CURRENT ESTIMATE		FY 2004 BUDGET REQUEST	
Α.							
	INVENTORY BEGINNING OF YEAR	11,258		10,509		10,288	
	INVENTORY END OF YEAR EFFECTIVE AVERAGE INVENTORY	10,509 10,884		9,858 10,184		10,288 10,288	
	HISTORIC UNITS	440		440		440	
			. •	440			
		UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
в.	FUNDING REQUIREMENT	(\$)	(\$000)	(\$)	(\$000)	(\$)	(\$000)
1.	OPERATION						
	a. Management	900	9,796	887	9,036	892	9,174
	b. Services	321	3,495	357	3,638	397	4,087
	c. Furnishings	573	6,238	578	5,887	519	5,343
	d. Miscellaneous	<u>25</u>	<u>271</u>	<u>31</u>	<u>313</u>	<u>31</u>	<u>317</u>
	SUBTOTAL - OPERATION	1,819	19,800	1,853	18,874	1,839	18,921
2.	UTILITIES	2,828	30,775	2,916	29,699	2,369	24,373
3.	MAINTENANCE	2 116	27 504	2 105	31,617	2 710	27 002
	a. Annual Recurring M&R b. Major M&R Projects	3,446 1,791	37,504 19,488	3,105 1,613	16,429	2,710 1,408	27,882 14,488
	c. Exterior Utilities	548	5,966	494	5,029	431	4,435
	d. M&R, Other Real Prop.	600	6,533	541	5,507	472	4,857
	e. Alts. & Additions	<u>159</u>	1,729	143	1,457	<u>125</u>	1,285
	SUBTOTAL MAINTENANCE	6,544	71,220	5,896	60,039	5,146	52,947
4.	FOREIGN CURRENCY						
5.	APPROPRIATION	11,191	121,795	10,665	108,612	9,354	96,241
6.	REIMBURSABLE PROGRAM	<u>72</u>	<u>786</u>	98	1,000	<u>97</u>	1,000
7.	TOTAL O&M PROGRAM	11,263	122,581	10,763	109,612	9,451	97,241

### ARMY FAMILY HOUSING FY 2004 BUDGET ESTIMATE

### OPERATION AND MAINTENANCE, SUMMARY (FOREIGN)

Excludes Leased & Privatized Units and Costs FY 2004

		FY 2002		FY 2003		FY 2004	
Α.	INVENTORY DATA	ACTUAL		CURRENT ESTIMATE		BUDGET REQUEST	
	INVENTORY BEGINNING OF YEAR INVENTORY END OF YEAR EFFECTIVE AVERAGE INVENTORY HISTORIC UNITS	23,791 23,718 23,755 0		23,814 23,700 23,757 0		23,815 23,736 23,776 0	
в.	FUNDING REQUIREMENT	UNIT COST	TOTAL COST (\$000)	UNIT COST	TOTAL COST (\$000)	UNIT COST	TOTAL COST (\$000)
1.	OPERATION						
	a. Management b. Services c. Furnishings d. Miscellaneous	915 506 1,321 <u>0</u>	21,747 12,016 31,384 <u>0</u>	896 433 1,441 <u>0</u>	21,288 10,297 34,239 <u>0</u>	508	22,540 12,080 32,434 <u>0</u>
	SUBTOTAL - OPERATION	2,742	65,147	2,770	65,824	2,820	67,054
2.	UTILITIES	2,434	57,820	2,531	60,126	2,225	52,892
3.	MAINTENANCE  a. Annual Recurring M&R  b. Major M&R Projects  c. Exterior Utilities  d. M&R, Other Real Prop.  e. Alts. & Additions	2,604 3,599 99 565 <u>69</u>	61,858 85,504 2,343 13,431 <u>1,647</u>	3,181 4,397 120 691 <u>85</u>	75,565 104,451 2,863 16,407 2,012	4,200 115	72,235 99,848 2,737 15,684 <u>1,923</u>
	SUBTOTAL MAINTENANCE	6,936	164,783	8,474	201,298	8,094	192,427
4.	FOREIGN CURRENCY		[20,438]				
5.	APPROPRIATION	12,112	287,750	13,775	327,248	13,139	312,373
6.	REIMBURSABLE PROGRAM	<u>108</u>	<u>2,556</u>	<u>168</u>	4,000	<u>168</u>	4,000
7.	TOTAL O&M PROGRAM	12,220	290,306	13,943	331,248	13,307	316,373

# ARMY FAMILY HOUSING FY 2004 BUDGET ESTIMATE Exhibit PB-18

	FY2002		FY2003		FY2004	
	U.S. \$	Approved	U.S. \$	Budgeted	U.S. \$	Budgeted
	Requiring	Execution	Requiring	Exchange	Requiring	Exchange
	Conversion	Rates	Conversion	Rates	Conversion	Rates
EC	185,627	1.2803	211,039	1.2403	245,951	1.0314
Japan	6,134	133.4000	5,844	135.4401	4,724	125.4900
Korea	16,326	1443.8100	21,892	1378.0404	29,796	1255.0000
	208,087		238,775		280,471	

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### ARMY FAMILY HOUSING FY 2004 BUDGET ESTIMATE OPERATION ACCOUNT

#### (\$ in Thousands)

FY 2	2004	Budget Requ	est	\$179,030
FY 2	2003	Current Est	imate	\$186,058
FY 2	2003	Appropriation	on	\$183,407
FY 2	2003	Adjusted App	propriation	\$179,397

The operation account represents the day-to-day cost of providing family housing services. The FY 2004 program was developed using prescribed inflation and exchange rates, inventory reduction plans, non-pay inflation and civilian pay rates. Reductions have also been made for units that are to be transferred to a private entity under the housing privatization plan throughout this budget year. Increase to FY 2003 current estimate is primarily due to municipal services cost increases. Current services sub-account execution indicates Army will exceed FY 2003 appropriation by more than 10% this FY.

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# ARMY FAMILY HOUSING FY 2004 BUDGET ESTIMATE OPERATION ACCOUNT MANAGEMENT SUB-ACCOUNT

#### (\$ in Thousands)

		,	
FY	2004	Budget Request	\$86,326
FY	2003	Current Estimate	\$84,922
FY	2003	Appropriation	\$91,567
FY	2003	Adjusted Appropriation	\$88,526

The Management Account provides funding for the continued requirement for salaries, referral services, housing requirements analysis, and project planning. Pricing adjustments in the Exhibit OP-5 are based on OSD prescribed pay, non-pay inflation and currency factors.

Residual personnel costs for privatized locations are included until the excess personnel can be taken off the roles in accordance with OPM and unions rules. A small residual housing office will remain at privatized locations and these costs are part of the management account.

# ARMY FAMILY HOUSING FY 2004 BUDGET ESTIMATE OPERATION ACCOUNT

#### MANAGEMENT SUB-ACCOUNT (Continued)

#### RECONCILIATION OF INCREASES AND DECREASES EXHIBIT OP-5

		\$ In Thousa	nds_
1.	FY 2002 Obligation	[82,761]	
2.	FY 2003 Appropriation		91,567
3.	Congressional Adjustment a. CSRS Reduction b. Economic Assumption	-2,385 -656	-3,041
4.	FY 2003 Adjusted Appropriation		88,526
5.	Reprogramming		-3,604
6.	FY 2003 Current Estimate		84,922
7.	Price Adjustments: a. Non-Pay Inflation b. Pay Inflation c. Foreign Currency d. One extra Compensatory day	161 1,218 1,077 138	2,594
8.	Program adjustment: Staff reductions Due to housing privatization (17*70K)		-1,190
9.	FY 2004 Budget Estimate		86,326

# ARMY FAMILY HOUSING FY 2004 BUDGET ESTIMATE OPERATION ACCOUNT SERVICES SUB-ACCOUNT

#### (\$ in Thousands)

		(	
FY	2004	Budget Request	\$46,735
FY	2003	Current Estimate	\$49,912
FY	2003	Appropriation	\$41,846
FY	2003	Adjusted Appropriation	\$41,546

The FY 2004 request is based on the required level of support for refuse collection, street cleaning, police and fire protection, pest control, and custodial services. Pricing adjustments in the Exhibit OP-5 are based on OSD prescribed non-pay inflation factors and foreign currency rates. Cost growth during FY 2003 is due to municipal services cost increases in Europe, specifically, increases in garbage recycling and collection. Additionally, FY 2002 execution indicates a higher baseline funding level for FY 2003 is necessary. Inventory reduction adjustments reflect the sum of average cost per unit, which includes units to be privatized. Increase adjustment is post privatization costs such as fire and police protection for Fort Carson, Fort Hood, Fort Meade and Fort Lewis, which are calculated at a cost per privatized unit.

# ARMY FAMILY HOUSING FY 2004 BUDGET ESTIMATE OPERATION ACCOUNT

#### SERVICES SUB-ACCOUNT (Continued)

#### RECONCILIATION OF INCREASES AND DECREASES EXHIBIT OP-5

		\$ In Thousands
1.	FY 2002 Obligation	[44,349]
2.	FY 2003 Appropriation	41,846
3.	Congressional Adjustment - Economic Assumption	-300
4.	FY 2003 Adjusted Appropriation	41,546
5.	Reprogramming - Cost Growth increased municipal costs in Europe and baseline adjustment to FY 2003 for FY 2002 actual obligation	8,366
6.	FY 2003 Current Estimate	49,912
7.	Price Adjustment: a. Non-Pay Inflation b. Foreign Currency	484 84 400
8.	Program Adjustments:	-3,661
	a. Decrease due to inventory reduction (13,014 average number of units); includes units to be privatized	-6,952
	b. Increase for Post Privatization site costs (Fire and Police Protection)	3,291
9.	FY 2004 Budget Request	46,735

# ARMY FAMILY HOUSING FY 2004 BUDGET ESTIMATE OPERATION ACCOUNT FURNISHINGS SUB-ACCOUNT

# (\$ in Thousands) FY 2004 Budget Request \$44,658 FY 2003 Current Estimate \$49,912 FY 2003 Appropriation \$48,673 FY 2003 Adjusted Appropriation \$48,013

The furnishings sub-account is primarily used for procuring, controlling, managing, moving and handling, maintaining, and repairing household equipment (i.e., refrigerators, ranges, and where authorized at OCONUS locations, washers and dryers) for family quarters throughout the Army. In addition, furniture items such as beds, tables, dressers, etc., are authorized for OCONUS locations.

Pricing adjustments in the Exhibit OP-5 for this account are based on OSD prescribed pay and non-pay inflation factors, foreign currency, and one extra compensatory day. Program decreases are a result of privatization and inventory reductions.

The FY 2004 program also decreases due to fewer purchases required to satisfy new construction and improvements in overseas housing.

## ARMY FAMILY HOUSING FY 2004 BUDGET ESTIMATE OPERATION ACCOUNT

# FURNISHINGS SUB-ACCOUNT (Continued) RECONCILIATION OF INCREASES AND DECREASES EXHIBIT OP-5

	\$ In Thou	sands
1. FY 2002 Obligation	[46,392]	
2. FY 2003 Appropriation		48,673
3. Congressional Adjustment a. CSRS Reduction b. Economic Assumption	-311 -349	-660
4. FY 2003 Adjusted Appropriation		48,013
5. Reprogramming		1,899
6. FY 2003 Current Estimate		49,912
6. Price Adjustments:     a. Non-Pay Inflation     b. Pay Inflation     c. Foreign Currency     d. One extra compensatory day	94 141 1,443 20	1,698
7. Program Adjustments: Decrease due to inventory reduction (13,014 average number); includes privatization		-6,952
9. FY 2004 Budget Request		44,658

# ARMY FAMILY HOUSING FY 2004 BUDGET ESTIMATE OPERATION ACCOUNT MISCELLANEOUS SUB-ACCOUNT

#### (\$ in Thousands)

		( )	
FY	2004	Budget Request	\$1,311
FY	2003	Current Estimate	\$1,309
FY	2003	Appropriation	\$1,321
FY	2003	Adjusted Appropriation	\$1,312

The Miscellaneous sub-account includes funds for payment to non-Department of Defense agencies for housing provided to U.S. soldiers. The FY 2004 request will fund housing provided by the U.S. Coast Guard (USCG) for Army soldier families in New York, Massachusetts, Connecticut, Puerto Rico, California and Florida. Pricing adjustments in the Exhibit OP-5 are based on OSD prescribed non-pay inflation factors.

# ARMY FAMILY HOUSING FY 2004 BUDGET ESTIMATE OPERATION ACCOUNT MISCELLANEOUS SUB-ACCOUNT (Continued)

#### RECONCILIATION OF INCREASES AND DECREASES EXHIBIT OP-5

#### \$ In Thousands 1. FY 2002 Obligation [1,232] 2. FY 2003 Appropriation 1,321 3. Congressional Adjustment: Economic -9 Assumption 4. FY 2003 Adjusted Appropriation 1,312 5. Reprogramming -3 6. FY 2003 Current Estimate 1,309 7. Price Adjustment: Non-pay inflation 2 8. FY 2004 Budget Request 1,311

### ARMY FAMILY HOUSING FY 2004 BUDGET ESTIMATE MAINTENANCE AND REPAIR ACCOUNT

#### (\$ in Thousands)

FY	2004	Budget Request	\$432,605
FΥ	2003	Current Estimate	\$476,659
FY	2003	Appropriation	\$485,257
FY	2003	Adjusted Appropriation	\$481,659

The value of family housing assets maintained by the Army exceeds \$17 billion in replacement costs. Ensuring that these facilities can be continuously occupied requires sound property management and timely recurring maintenance for preservation and protection of this major investment.

The program adjustment to the FY 2003 current estimate brings the FY 2004 program to 77% of sustainment level. There are enough maintenance and repair dollars to keep units safe for assignment, but not to stop deterioration. Continued funding at these minimum levels over time, will result in units becoming inadequate for assignment.

Under the Family Housing Master Plan (FMHP) of August 2002, most repair projects within the United States are to be accomplished with privatization or the Army Family Housing Construction program. Because privatization does not apply overseas, there will be more repair projects in foreign areas to eliminate inadequate housing.

Overseas, the Army continues the whole-house/whole-neighborhood revitalization program to bring existing facilities up to new construction standards. This program combines all upgrades with required maintenance and repairs in the overseas housing upgrade program, minimizing quarter's downtime and frequent disruptions to residents for piece-meal work.

## ARMY FAMILY HOUSING FY 2004 BUDGET ESTIMATE MAINTENANCE AND REPAIR ACCOUNT (continued)

#### RECONCILIATION OF INCREASES AND DECREASES EXHIBIT OP-5

1.	FY 2002 Obligation	\$ In Tho [503,330]	usands
2.	FY 2003 Appropriation	[303,330]	485,257
3.	Congressional Adjustment a. CSRS Reduction b. Economic Assumption	-124 -3,474	-3,598
4.	FY 2003 Adjusted Appropriation		481,659
5.	Reprogramming Request for Congress		-5,000
6.	FY 2003 Current Estimate		476,659
7.	Price adjustments: a. Non-Pay Inflation b. Pay Inflation c. Foreign Currency	923 73 9,187	10,183
8.	Program adjustments:  a. Decrease due to Inventory reduction (13,014 average number of units); includes privatization b. Increased projects to support FHMP	-66,391 12,154	-54,237
9.	FY 2004 Budget Request		432,605

# ARMY FAMILY HOUSING FY 2004 BUDGET ESTIMATE GENERAL/FLAG OFFICER QUARTERS (GFOQs) ESTIMATED MAINTENANCE AND REPAIRS EXCEEDING \$35,000 PER DWELLING UNIT

The projects list in this section is provided in accordance with the reporting requirement stated in Conference Report 107-246, October 16, 2001. This section provides information regarding the anticipated costs for those GFOQs where maintenance and repair obligations are expected to exceed \$35,000 per dwelling unit. Maintenance and repairs include both recurring work (service calls, preventive maintenance, and routine work between occupancy), and major repairs. Thirty GFOQs are listed with a total maintenance and repair cost of \$5,655,900.

In quarters designated as historic, major work is coordinated with the State Historic Preservation Office. The majority of our GFOQs were built prior to the Congressional size limitations and are generally larger than more contemporary structures due to their age. The Army has legal responsibility under the provisions of the National Historic Preservation Act, P.L. 89-665 as amended, to preserve and maintain these units. Deferring repairs accelerates the rate of deterioration, increases the final cost of repairs, and precludes compliance with Congressionally directed preservation responsibilities.

It is more cost effective to execute one large repair project in eliminating deficiencies, in lieu of multiple smaller projects spread over several years. The requested repairs are necessary to ensure that the quarters are maintained in a safe, sanitary and livable condition. These repairs will upgrade the condition of the quarters and keep them from becoming uninhabitable.

STATE

INSTALLATION NET SQUARE HIS- YEAR MAINT & NEW QTRS NO. FOOTAGE TORIC BUILT REPAIRS LEASE WORK

DISTRICT OF COLUMBIA

Fort McNair

(PN 51861)

209 Second Ave 3,184 yes 1903 \$960,000 - -

Quarters #3

Operations - \$15,700 Total O&M - \$975,700

Maintenance and repairs including service orders -\$10,000; routine maintenance and repair including change of occupancy maintenance - \$30,000; interior painting - \$15,000; grounds maintenance - \$2,000; incidental improvements - \$3,000; and major repairs including revitalization - \$900,000

(PN 56231)

213 Second Ave 3,184 yes 1903 \$960,000 -

Quarters #4

Operations - \$16,100 Total O&M - \$976,100

Maintenance and repairs including service orders -\$10,000; routine maintenance and repair including change of occupancy maintenance - \$30,000; interior painting - \$15,000; grounds maintenance - \$2,000; incidental improvements - \$3,000; and major repairs including revitalization - \$900,000

229 Second Ave 4,057 yes 1903 \$45,000 - -

Quarters 8

Operations - \$16,100 Total O&M - \$61,100

Maintenance and repairs including service orders -\$10,000; routine maintenance and repairs including change of occupancy maintenance - \$15,000; interior painting - \$15,000; grounds maintenance - \$2,000; and incidental improvements - \$3,000.

GEORGIA

Fort Benning

(PN 58896)

100 Vibbert Ave 4,901 yes 1918 \$80,000

Quarters 1

Operations - \$11,000 Total O&M - \$91,000

Maintenance and repairs including service orders - \$3,000; routine maintenance and repairs including preventive maintenance - \$1,000; self-help - \$1,000; grounds maintenance - \$6,000; major repairs include replacing driveway, door hardware, kitchen A/C, and clean siding - \$68,000; and exterior utilities - 1,000.

STATE

INSTALLATION NET SQUARE HIS- YEAR MAINT & NEW QTRS NO. FOOTAGE TORIC BUILT REPAIRS LEASE WORK

GEORGIA (cont'd)

Fort Benning (cont'd)

(PN 52936)

118 Eames Ave 2,716 yes 1934 \$64,000 - -

Quarters 2

Operations - \$6,400 Total O&M - \$70,400

Maintenance and repairs including service orders - \$3,000; routine maintenance and repairs including change of occupancy maintenance - \$6,500; interior painting - \$3,000; exterior painting - \$15,000; self-help - \$500; grounds maintenance - \$5,000; major repairs include repair roof and underlayment - \$30,000; and exterior utilities - \$1,000.

Fort McPherson

(PN 58892)

1299 Staff Row 5,077 yes 1889 \$309,800 - -

Quarters 5

Operations - \$36,400 Total O&M - \$346,200

Maintenance and repairs including service orders - \$2,500; routine maintenance and repairs including preventive maintenance - \$2,500; self-help - \$200; grounds maintenance - \$1,500; incidental improvements - \$3,000; major repairs includes renovation - \$299,000; other real property - \$600; and exterior utilities - \$500.

(PN 58894)

1337 Staff Row 7,327 yes 1891 \$274,600 - -

Quarters 10

Operations - \$16,400 Total O&M - \$291,000

Maintenance and repairs including service orders - \$2,500; routine maintenance and repairs including change of occupancy maintenance - \$6,300; exterior painting - \$7,000; self-help - \$200; grounds maintenance - \$1,500; incidental improvements - \$6,000; major repairs includes renovation - \$250,000; other real property - \$600; and exterior utilities - \$500.

STATE

INSTALLATION NET SQUARE HIS- YEAR MAINT & NEW QTRS NO. FOOTAGE TORIC BUILT REPAIRS LEASE WORK

KANSAS

Fort Leavenworth

(PN 58514)

1 Scott 5,545 yes 1861 \$91,500 - -

Quarters 1

Operations - \$13,900 Total O&M - \$105,400

Maintenance and repairs including service orders - \$2,300; routine maintenance and repairs including preventive maintenance - \$4,600; grounds maintenance - \$5,100; major repairs includes renovation of bathrooms and porch doors - \$77,500; and other real property - \$2,000.

611 Scott 4,966 yes 1841 \$50,800 - -

Quarters 5

Operations - \$8,200 Total O&M - \$59,000

Maintenance and repairs including service orders - \$1,500; routine maintenance and repairs including change of occupancy maintenance - \$10,600; interior painting - \$4,000; grounds maintenance - \$4,700; and major repairs includes repair/replace windows and insulate building envelope - \$30,000.

NEW YORK

West Point

(PN 58747)

101 Jefferson Rd 4,400 yes 1819 \$206,000

Quarters 101

Operations - \$24,900 Total O&M - \$230,900

Maintenance and repairs including service orders - \$8,000; routine maintenance and repairs including change of occupancy maintenance - \$33,000; interior painting - \$35,000; grounds maintenance - \$10,000; and major repairs includes repair/replacement of slate roof, gutters and downspouts - \$120,000.

STATE

INSTALLATION NET SQUARE HIS- YEAR MAINT & NEW QTRS NO. FOOTAGE TORIC BUILT REPAIRS LEASE WORK

TEXAS

Fort Sam Houston (PN 51406)

8 Staff Post 3,747 yes 1881 \$267,500 - - - -

Operations - \$7,100 Total O&M - \$274,600

Maintenance and repairs including service orders - \$2,000; routine maintenance and repairs including change of occupancy maintenance - \$4,500; interior painting - \$8,500; grounds maintenance - \$2,500; incidental improvements - \$2,000; major repairs includes renovation of the unit including exterior appurtenance - \$245,000; design - \$1,500; other real property - \$1,000; and exterior utilities - \$500.

10 Staff Post 4,035 yes 1881 \$36,500 - - - Quarters 10
Operations - \$7,100 Total O&M - \$43,600

Maintenance and repairs including service orders - \$2,000; routine maintenance and repairs including change of occupancy maintenance - \$4,500; interior painting - \$8,500; grounds maintenance - \$1,500; incidental improvements - \$2,000; major repairs includes repair of exterior appurtenance - \$15,000; design - \$1,500; other real property - \$1,000; and exterior utilities - \$500.

STATE

INSTALLATION NET SQUARE HIS- YEAR MAINT & NEW QTRS NO. FOOTAGE TORIC BUILT REPAIRS LEASE WORK

VIRGINIA

Fort Myer

202 Washington Av 3,618 yes 1899 \$60,000 - -

Quarters 2

Operations - \$15,500 Total O&M - \$75,500

Maintenance and repairs including service orders - \$10,000; routine maintenance and repairs including change of occupancy maintenance - \$30,000; interior painting - \$15,000; grounds maintenance - \$2,000; and incidental improvements - \$3,000.

(PN 56212)

114 Grant Av 3,409 yes 1903 \$150,000 -

Quarters 5

Operations - \$13,600 Total O&M - \$163,600

Maintenance and repairs including service orders - \$10,000;

routine maintenance and repairs including change of occupancy

maintenance - \$30,000; interior painting - \$15,000; grounds

maintenance - \$2,000; incidental improvements - \$3,000; and

major repairs include kitchen renovation - \$90,000.

(PN 56211)

106 Grant Av 4,707 yes 1909 \$90,000 -

Ouarters 7

Operations - \$19,300 Total O&M - \$109,300

Maintenance and repairs including service orders - \$10,000; routine maintenance and repairs including preventive maintenance - \$15,000; grounds maintenance - \$2,000; incidental improvements - \$3,000; and major repairs include bathroom renovations - \$60,000.

(PN 56214)

102 Grant Av 4,255 yes 1903 \$155,000 - -

Quarters 8

Operations - \$20,200 Total O&M - \$175,200

Maintenance and repairs including service orders - \$10,000; routine maintenance and repairs including change of occupancy maintenance - \$25,000; interior painting - \$25,000; grounds maintenance - \$2,000; incidental improvements - \$3,000; and major repairs include bathroom renovation and replace the back porch - \$90,000.

STATE

INSTALLATION NET SQUARE HIS- YEAR MAINT & NEW QTRS NO. FOOTAGE TORIC BUILT REPAIRS LEASE WORK

VIRGINIA (cont'd)

Fort Myer (cont'd)

(PN 56215)

321A Jackson Av 2,742 yes 1892 \$60,000 - -

Quarters 11A

Operations - \$16,500 Total O&M - \$76,500

Maintenance and repairs including service orders - \$10,000; routine maintenance and repairs including preventive maintenance - \$15,000; grounds maintenance - \$2,000; incidental improvements - \$3,000; and major repairs include kitchen renovation - \$30,000.

(PN 56215)

321B Jackson Av 2,951 yes 1892 \$75,000 -

Quarters 11B

Operations - \$18,800 Total O&M - \$93,800

Maintenance and repairs including service orders - \$10,000; routine maintenance and repairs including change of occupancy maintenance - \$15,000; interior painting - \$15,000; grounds maintenance - \$2,000; incidental improvements - \$3,000; and major repairs include kitchen renovation - \$30,000.

(PN 56217)

228A Lee Av 2,778 yes 1896 \$250,000 - -

Quarters 23A

Operations - \$17,000 Total O&M - \$267,000

Maintenance and repairs including service orders - \$10,000; routine maintenance and repairs including preventive maintenance - \$15,000; grounds maintenance - \$2,000; incidental improvements - \$3,000; and major repairs including renovation of kitchen and replace roof - \$220,000.

(PN 56218)

224B Lee Av 2,682 yes 1896 \$250,000 - -

Quarters 24B

Operations - \$16,900 Total O&M - \$266,900

Maintenance and repairs including service orders - \$10,000; routine maintenance and repairs including preventive maintenance - \$15,000; grounds maintenance - \$2,000; incidental improvements - \$3,000; and major repairs including renovation of kitchen and replace roof - \$220,000.

STATE

INSTALLATION NET SQUARE HIS- YEAR MAINT & NEW QTRS NO. FOOTAGE TORIC BUILT REPAIRS LEASE WORK

VIRGINIA (cont'd)

Fort Myer (cont'd)

(PN 56228)

220C Lee Av 2,594 yes 1896 \$249,000 - -

Quarters 25B

Operations - \$16,900 Total O&M - \$265,900

Maintenance and repairs including service orders - \$10,000; routine maintenance and repairs including preventive maintenance - \$15,000; grounds maintenance - \$1,000; incidental improvements - \$3,000; and major repairs including renovation of kitchen and replace roof - \$220,000.

(PN 56229)

216A Lee Av 2,999 yes 1896 \$250,000 - -

Quarters 26A

Operations - \$17,000 Total O&M - \$267,000

Maintenance and repairs including service orders - \$10,000; routine maintenance and repairs including preventive maintenance - \$15,000; grounds maintenance - \$2,000; incidental improvements - \$3,000; and major repairs including renovation of kitchen and replace roof - \$220,000.

(PN 56216)

212A Lee Av 3,715 yes 1903 \$175,000 - -

Quarters 27A

Operations - \$17,600 Total O&M - \$192,600

Maintenance and repairs including service orders - \$10,000; routine maintenance and repairs including change of occupancy maintenance - \$15,000; interior painting - \$15,000; grounds maintenance - \$2,000; incidental improvements - \$3,000; and major repairs including renovation of kitchen and bathrooms - \$130,000.

STATE

INSTALLATION NET SQUARE HIS- YEAR MAINT & NEW QTRS NO. FOOTAGE TORIC BUILT REPAIRS LEASE WORK

VIRGINIA (cont'd)
Fort Myer (cont'd)

(PN 56216)

212B Lee Av 2,718 yes 1903 \$175,000 - -

Quarters 27B

Operations - \$17,500 Total O&M - \$192,500

Maintenance and repairs including service orders - \$10,000; routine maintenance and repairs including change of occupancy maintenance - \$15,000; interior painting - \$15,000; grounds maintenance - \$2,000; incidental improvements - \$3,000; and major repairs including renovation of kitchen and bathrooms - \$130,000.

#### GERMANY

Heidelberg

26 Rheinstrasse 7,298 no 1962 \$80,600 - -

Quarters 26

Operations - \$22,300 Total O&M - \$102,900

Maintenance and repairs including service orders - \$2,900; routine maintenance and repairs including change of occupancy maintenance - \$2,200; interior painting - \$6,400; self-help - \$100; grounds maintenance - \$3,200; and major repairs including chimney repairs, replace sewer pump, replace asphalt driveway, repair asphalt walkways, and remove concrete trash container - \$65,800.

Schweinfurt

(PN 58628)

5 Josef-Reuss 2,368 no 1937 \$83,600 -

Quarters 461

Operations - \$11,100 Total O&M - \$94,700

Maintenance and repairs including service orders - \$2,000; routine maintenance and repairs including change of occupancy maintenance - \$2,600; self-help - \$100; grounds maintenance - \$800; and major repairs including repair of exterior main sewer line - \$78,100.

STATE

INSTALLATION NET SQUARE HIS- YEAR MAINT & NEW QTRS NO. FOOTAGE TORIC BUILT REPAIRS LEASE WORK

GERMANY (cont'd)

Stuttgart

(PN 58767)

2439 Florida 1,636 no 1957 \$78,600 - -

Quarters 73

Operations - \$9,700 Total O&M - \$88,300

Maintenance and repairs including service orders - \$5,000; routine maintenance and repairs including preventive maintenance - \$800; interior painting - \$2,600; self-help - \$200; and major repairs including repair of structural cracks - \$70,000.

(PN 58862)

2443 Florida 1,636 no 1957 \$36,400 - -

Quarters 77

Operations - \$12,000 Total O&M - \$48,400

Maintenance and repairs including service orders - \$2,900; routine maintenance and repairs including preventive maintenance - \$700; interior painting - \$1,700; self-help - \$200; major repairs including replacing plumbing system - \$30,000; and design - \$900.

(PN 58789)

2448 Florida 1,636 no 1957 \$45,300 - -

Quarters 84

Operations - \$17,000 Total O&M - \$62,300

Maintenance and repairs including service orders - \$3,400; self-help - \$200; major repairs including repair of structural cracks - \$40,000; and design - \$1,700.

(PN 58789)

2450 Florida 2,153 no 1957 \$46,700 - -

Quarters 86

Operations - \$20,500 Total O&M - \$67,200

Maintenance and repairs including service orders - \$3,000; routine maintenance and repairs including preventive maintenance - \$900; interior painting - \$2,600; self-help - \$200; and major repairs including repair of structural cracks - \$40,000.

### ARMY FAMILY HOUSING FY 2004 BUDGET ESTIMATE UTILITIES ACCOUNT

		(\$ in Thousands)	
FY	2004	Budget Request	\$167,332
FY	2003	Current Estimate	\$197,188
FY	2003	Appropriation	\$212,432
FY	2003	Adjusted Appropriation	\$210,911

This program provides for all utility services for Army Family Housing. Services include electricity, natural and propane gas, steam/hot water, fuel oil, coal, water and sewage.

The annual energy consumption reduction goal of 1.5 percent is reflected in the program. The energy conserving repair and improvement projects completed in prior years will continue in helping to achieve the energy reduction goals.

Fuel price adjustments, non-pay inflation, and foreign currency fluctuation are computed at the OSD prescribed rates.

Inventory reductions are due to privatization and continuing efforts to divest housing, which is excess to requirements or is not economically feasible to repair.

Utilities rates decreased significantly in FY 2002 and therefore considerably reduced our utilities requirement projection for FY 2004.

## ARMY FAMILY HOUSING FY 2004 BUDGET ESTIMATE UTILITIES (Continued)

#### RECONCILIATION OF INCREASES AND DECREASES EXHIBIT OP-5

	\$ In Thousands
1. FY 2002 Obligation	[196,483]
2. FY 2003 Appropriation	212,432
3. Congressional Adjustment - Economic Assumption	-1,521
4. FY 2003 Adjusted Appropriation	210,911
5. Reprogramming - Cost Reduction	-13,723
6. FY 2003 Current Estimate	197,188
7. Price Adjustments: a. Non-Pay Inflation b. Foreign Currency c. Fuel Inflation	4,041 349 3,592 100
8. Program Adjustments:  a. Decrease due to inventory  reduction (13,014 average number);  includes privatization  b. Energy Conservation	-33,897 -30,946 -2,951
9. FY 2004 Budget Request	167,332

#### ARMY FAMILY HOUSING FY 2004 BUDGET ESTIMATE LEASING ACCOUNT

#### (\$ in Thousands)

FY	2004	Budget Request	\$234,471
FY	2003	Current Estimate	\$220,579
FY	2003	Appropriation	\$215,251
FY	2003	Adjusted Appropriation	\$213,416

#### PURPOSE AND SCOPE

The purpose of the leasing program is to provide family housing at both domestic and foreign locations when additional housing is needed to satisfy a housing deficit and the local economy cannot provide adequate support. The leasing program, authorized by 10 U.S.C. 2828, provides for the payment of rent, operating, and maintenance costs of privately owned quarters assigned to military families as government quarters. The program also includes funds needed to pay for services such as utilities, refuse collection, and maintenance when these services are not part of the contract agreement.

The Army continues to rely on the private sector to meet the majority of housing needs. Where private sector rental markets cannot meet Army requirements, and cost effective alternatives do not exist, short and long-term leases are utilized. In high cost areas and overseas, the Army leases housing that the service members could not afford.

#### PROGRAM SUMMARY

Authorization is requested for the appropriation of \$234,471 to fund leases and related expenses in FY 2004. A summary of the leasing program follows:

	FY2002	Actual	FY2003	Curr Est	FY2004 Buc	dget Request
	Leases	Cost	Leases	Cost	Leases	Cost
Lease Type	<u>Supported</u>	<u>\$000</u>	<u>Supported</u>	<u>\$000</u>	<u>Supported</u>	<u>\$000</u>
Domestic	588	8,644	1,714	24,225	2,464	33,397
		,	,	,	,	,
Sec. 2835	4,080	62,800	4,080	64,312	4,080	65,923
Foreign less GRHP	7,300	98,311	7,443	123,131	7,405	128,433
GRHP	669	9,598	578	8,911	400	6,718
Total	12,637	179,353	13,815	220,579	14,349	234,471

### ARMY FAMILY HOUSING FY 2004 BUDGET ESTIMATE LEASING ACCOUNT (continued)

#### JUSTIFICATION:

- 1. Domestic Leasing. The domestic leasing program provides temporary housing for Army families pending availability of permanent housing. This also includes the new leasing program for geographically displaced soldiers and families from the US Army Recruiting Command, Cadet Command, and the Active Components/Reserve Component programs. Leases in this category are increasing in FY 2003 by 750 units and by an additional 750 units in FY 2004. Execution was delayed due to initial start-up of the program. The program is on track to execute the anticipated leases during FY 2004. These leases will provide housing in high cost areas.
- 2. Section 2835. The Army leases family housing at seven installations under the provisions of 10 U.S.C. 2835, Long Term Leasing of Military Family Housing to be Constructed (formerly known as Section 801 housing). Under this program the Army leases family housing units from a private sector developer for up to 20 years. The units are assigned as military housing to soldiers and their families. This program helped reduce our CONUS family housing deficit at installations where Army families were the most seriously affected by housing shortages. Funds are requested to continue payment of lease costs and operation and maintenance expenses. The FY 2004 budget request includes 4,080 occupied units.
- 3. Foreign Leasing. The FY 2004 total foreign leasing program request consists of 7,805 leased units. The majority of foreign leases are in Germany. Approximately 400 of these leases comprise the Governmental Rental Housing Program (GRHP). Under GRHP, the U.S. Government leases existing, individual housing units in Europe. The Army negotiates, executes and manages the lease contracts, and assumes responsibility for paying the costs. Soldier occupants forfeit their housing allowances and agree to occupy GRHP leased housing for their entire tour. GRHP leases are terminated when soldiers' tours end. This program allows soldiers to be housed quickly, without large out-of-pocket expenses. There are no early termination costs.

## ARMY FAMILY HOUSING FY 2004 BUDGET ESTIMATE LEASING ACCOUNT (continued)

#### RECONCILIATION OF INCREASES AND DECREASES EXHIBIT OP-5

	\$ In Thou	sands_
1. FY 2002 Obligation	[179,353]	
2. FY 2003 Appropriation		215,251
3. Congressional Adjustment a. CSRS Reduction b. Economic Assumption	-294 -1,541	-1,835
4. FY 2003 Adjusted Appropriation		213,416
5. Reprogramming - Additional 750 leases		7,163
6. FY 2003 Current Estimate		220,579
7. Price Adjustments: a. Non-Pay Inflation b. Pay Inflation c. Foreign Currency d. One extra compensatory day	400 186 7,763 15	8,364
8. Program Adjustment: Additional 750 high cost leases		5,528
9. FY 2004 Budget Request		234,471

ARMY FAMILY HOUSING
FY 2004 BUDGET ESTIMATE

	FY 2002 (Actual) Units Months			FY 2003 (Current Est) Units Months			FY 2004 Units Months		
	Supported	Purchsd	(\$000)	Supported	Purchsd	(\$000)	Supported	Purchsd	(\$000)
DOMESTIC LEASING						, ,			,
Independent Duty	374	2,244	5,482	1,500	18,000	20,948	2,250	27,000	30,000
Shelby	93	1,116	1,342	93	1,116	1,409	93	1,116	1,480
Miami	120	1,440	1,805	120	1,440	1,853	120	1,440	1,902
Newport	1	12	15	1	12	15	1	12	15
Subtotal Domestic	588	4,812	8,644	1,714	20,568	24,225	2,464	29,568	33,397
Section 2835 (801)									
Bliss	300	3,600	4,136	300	3,600	4,150	300	3,600	4,175
Bragg	250	3,000	2,884	250	3,000	2,888	250	3,000	2,890
Drum	2,000	24,000	29,443	2,000	24,000	30,621	2,000	24,000	31,846
Hood	300	3,600	3,755	300	3,600	3,766	300	3,600	3,778
McCoy	80	960	1,680	80	960	1,680	80	960	1,715
Polk	600	7,200	6,252	600	7,200	6,264	600	7,200	6,277
Wainwright	550	6,600	14,650	550	6,600	14,943	550	6,600	15,242
Subtotal Section 2835	4,080	48,960	62,800	4,080	48,960	64,312	4,080	48,960	65,923
Total Domestic Leasing	4,668	53,772	71,444	5,794	69,528	88,537	6,544	78,528	99,320
FOREIGN LEASING									
EUSA									
Korea	1,175	14,100	21,502	1,139	13,668	32,813	1,099	13,188	32,178
USAREUR						. = 0.4			
Belgium	237	2,844	3,617	257	3,084	4,531	277	3,324	5,201
Germany	4,861	58,332	56,357	4,865	58,380	64,708	4,801	57,612	67,441
Italy	570	6,840	7,280	666	7,992	9,848	666	7,992	10,486
Netherlands	302	3,624	4,625	357	4,284	6,320	394	4,728	7,451
Subtotal USAREUR	5,970	71,640	71,879	6,145	73,740	85,407	6,138	73,656	90,579
GRHP	669	8,028	9,598	578	6,936	8,911	400	4,800	6,718
Total USAREUR	6,639	79,668	81,477	6,723	80,676	94,318	6,538	78,456	97,297

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^{*} Additional costs for Korea between FY02 and FY03 are due to renovation of 2 bedroom units into 3 and 4 bedroom units.

#### ARMY FAMILY HOUSING FY 2004 BUDGET ESTIMATE

	FY Units Supported	2002 (Actua Months Purchsd	al) (\$000)	FY 2 Units Supported	003 (Curren Months Purchsd	nt Est) (\$000)	Units Supported	FY 2004 Months Purchsd	(\$000)
OTHER FOREIGN						,			,
SUPPORT PROGRAMS									
Abidjan	1		32	1	12	32	1	12	32
Addis Ababa	1	·	40	1	12	40	1	12	40
Amman	4	48	110	4	48	110	4	48	143
Ankara	9	9 108	253	9	108	268	9	108	280
Athens	4	48	120	4	48	126	4	48	132
Belmopan	1	l 12	33	1	12	34	1	12	35
Berlin	1	l 12	33	1	12	35	1	12	37
Bridgetown	1	l 12	31	1	12	32	1	12	33
Brussels	35	5 420	702	35	420	737	35	420	774
Bucharest	3	36	110	3	36	115	3	36	121
Budapest	1	l 12	40	1	12	40	1	12	40
Cairo	2	2 24	35	2	24	35	2	24	35
Copenhagen	2		62	2	24	65	2	24	68
Dakar	1	l 12	40	1	12	40	1	12	40
Dhaka	2	2 24	60	2	24	60	2	24	60
Doha	15		594	19	228	774	28	336	1,372
Gabarone	1	l 12	40	1	12	40	1	12	40
Georgetown	1	l 12	40	1	12	41	1	12	42
Harare	1	l 12	25	1	12	25	1	12	25
Islamabad	1	l 12	10	1	12	10	1	12	15
Istanbul	1	l 12	21	1	12	21	1	12	21
Jakarta	1	l 12	30	1	12	30	1	12	30
Kiev	1	l 12	52	1	12	55	1	12	58
Kingston	1	l 12	36	1	12	38	1	12	40
Kuwait City	3	36	119	3	36	119	3	36	119
Lisbon	1		10	1	12	10	1	12	10
Manila	1		45	1	12	45	1	12	45
Muscat	1		20	1	12	20	1	12	20
Nairobi	13	3 156	671	13	156	320	13	156	320

EXHIBIT FH-4

#### ARMY FAMILY HOUSING FY 2004 BUDGET ESTIMATE

	FY 2002 (Act Units Months		002 (Actual) F Months Units			rent Est)	Units	004	
	Supported	Purchsd	(\$000)	Supported	M onth: Purchs		Supported	M on t	
Nassau	2	24	97	2	24	100	2	24	103
New Delhi	1	12	24	1	12	24	1	12	24
Niamey	1	12	33	1	12	33	1	12	33
Oslo	1	12	51	1	12	54	1	12	56
Paris	6	72	276	6	72	290	6	72	304
Prague	3	36	76	3	36	80	3	36	84
Rabat	3	36	54	3	36	56	3	36	57
Rome	7	84	281	7	84	315	7	84	329
San Salvador	3	36	89	3	36	94	3	36	99
Santo Domingo	2	24	46	2	24	48	2	24	50
Seoul	1	12	20	1	12	20	1	12	20
Stockholm	1	12	38	1	12	39	1	12	41
Tallinn	1	12	48	1	12	50	1	12	52
Tel Aviv	1	12	45	1	12	46	1	12	45
Thessaloniki	2	24	18	2	24	18	2	24	15
Tunis	3	36	80	3	36	81	3	36	83
Vienna	3	36	79	3	36	83	3	36	88
Warsaw	2	24	93	2	24	95	2	24	98
Yaounde	1	12	44	1	12	44	1	12	44
Zagreb	1	12	24	1	12	24	1	12	24
Total Other Foreign	155	1,860	4,930	159	1,908	4,911	168	2,016	5,676
Total Foreign Leasing	7,969	95,628	\$107,909	8,021	96,252	\$132,042	7,805	3,660	\$135,151
TOTAL LEASING									
PROGRAM	12,637	149,400	\$179,353	13,815	165,780	\$220,579	14,349 17	2,188	\$234,471

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#### ARMY FAMILY HOUSING FY 2004 BUDGET ESTIMATE FY 2004 SUMMARY SHEET FOR HIGH COST LEASES

		HIGH				
		COST	FOREIGN	FY 1988	FY 2004	**ADJUSTED
COUNTRY	<u>LEASES</u>	LEASES	CURRENCY	<u>RATE</u>	RATE EURO	FY 2004 CAP
BELGIUM	726	15	FRANC	42.77	1.0314	\$33,066
ITALY	749	1	LIRA	1423.00	1.0314	\$22,900
NETHERLANDS	523	2	GUILDER	2.33	1.0314	\$32,971

** The adjusted high cost cap is determined by multiplying \$32,115 (FY 2003 high cost lease limit adjusted for CPI) times the FY 1988 exchange rate divided by the FY 2004 exchange rate(after converting its rate from FY 2001, i.e, Belgium \$32,115 times 42.77 divided by 49.64 = \$27,670; convert to Euro by multiplying by 1.2325 (Euro) divided by 1.0314 = \$33,066). Leases exceeding this cap are counted against the number of high cost leases allowed.

Note: Other Foreign Support Programs (which include Foreign Area Officer Leases, Offices of Defense Cooperation, and School of Other Nations Program leases) participate in the Department of State Housing Pool and are not subject to the maximum lease amounts cited for foreign leases in Section 2828(e)(1) of title 10, United States Code. Clarification of Participation in Department of State Housing Pools is discussed in Section 2806 of title 10, United States Code.

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### ARMY FAMILY HOUSING FY 2004 BUDGET ESTIMATE MILITARY HOUSING PRIVATIZATION INITIATIVE (MHPI)

		(\$ in Thousands)	
FY	2004	President's Budget	\$29,587
FY	2003	Current Estimate	\$25,623
FY	2003	Appropriation	\$20,926
FY	2003	Adjusted Appropriation	\$20,623

#### HOUSING PRIVATIZATION OVERVIEW

Background: The Army is utilizing the tools authorized by the Military Housing Privatization Initiatives (MHPI) Act to implement an aggressive program to improve the quality of family housing in the United States by creating modern residential communities. This program, the Residential Communities Initiative (RCI), is a key component of the Army's strategy to provide adequate housing for soldiers and their families. The other components include traditional Military Construction and increases to the Basic Allowance for Housing (BAH).

Through the RCI program, the Army is leveraging appropriated funds and government assets by entering into partnerships with private sector firms to obtain the financial and management expertise necessary to construct, repair, maintain, and operate over 71,000 Army family housing units. This represents 82 percent of the family housing inventory in the United States. The Army will apply the development partners' experience and resources, with market-based incentives, to dramatically improve residential communities for Army families.

The Army employs a Request for Qualifications (RFQ) procurement process to competitively select a highly qualified privatesector partner that has demonstrated the requisite skills and experience in real estate development and property management, as well as financial capability. The Army and the development partner(s) negotiate a Community Development and Management Plan (CDMP) that defines the scope of development, management processes, financial structure, and operations plan. Following Congressional approval of the CDMP, the Army and the partner negotiate final business agreements under which the partner assumes ownership of family housing units, and responsibility for construction, maintenance, repair, renovation, and operation of family housing units, grounds, and other community facilities. The soldiers' BAH provides the income stream for the project in the form of rent payments to the partner.

#### ARMY FAMILY HOUSING FY 2004 BUDGET ESTIMATE

MILITARY HOUSING PRIVATIZATION INITIATIVE (MHPI) (Continued)

A typical partnership agreement will be for a 50-year period with a 25-year option.

When RCI project economics require Army scoring or investment funds, these funds are paid from the DoD Family Housing Improvement Fund (FHIF). The Army transfers funds to the DoD FHIF from the Army Family Housing Construction (AFHC) Appropriation. The costs to operate and implement the RCI program are paid from the Army Family Housing Operations (AFHO) Appropriation.

<u>Privatized Projects:</u> The Army has transitioned to privatized operations all family housing at four major installations with a combined total of more than 15,700 housing units - Forts Carson, Hood, Meade, and Lewis. The following table summarizes these projects.

Projects Underway and Planned: The Army has an additional 24 projects with over 55,300 housing units in the RCI program that will transition to privatized operations during the period FY 2003-2006.

The Army has selected development partners and begun preparation of Community Development Management Plans at eight projects with 23,200 housing units - Forts Bragg, Campbell, Stewart, Belvoir, Hamilton, Eustis/Story, Irwin/Moffett Federal Airfield, and the Presidio of Monterey.

The Army has notified Congress of intent to solicit five projects with 11,500 housing units, which are in various stages of procurement - Fort Detrick, Walter Reed Army Medical Center, Picatinny Arsenal, Fort Polk, and Fort Shafter/Schofield Barracks.

The Army has completed due diligence, and will soon notify Congress of intent to solicit five additional projects with 8,700 housing units - Forts Leonard Wood, Sam Houston, Bliss, Drum, and Carlisle Barracks.

Six projects with 11,900 housing units are planned for FY 2005.

## ARMY FAMILY HOUSING FY 2004 BUDGET ESTIMATE MILITARY HOUSING PRIVATIZATION INITIATIVE (MHPI) (Continued)

#### Privatization Project Awards

Installation	Contract	Type of	\$ Mil	Term	Units	Units	Units	Units
	Award	Financing		Yrs	Conveyed	Renovated	Replaced	Added
	Transfer							
	of Ops							
Ft Carson,	Award	Loan	\$10.1	50	1,823	Yr 1-5	Yr 1-5	
CO	Sep 99	Guarantee				1,823	0	840
	Transfer					Yr 6-50	Yr 6-50	
	Nov 99					840	1,823	
Ft Hood, TX	Award	Direct	\$52.0	50	5,622	Yr 1-5	Yr 1-5	
	Apr 01	Investment				4,939	683	290
	Transfer					Yr 6-50	Yr 6-50	
	Oct 01					3,326	2,586	
Ft Lewis, WA	Award	None	\$ 0	50	3,637	Yr 1-10	Yr 1-10	
	Oct 01					2,610	608	345
	Transfer					Yr 11-50	Yr 11-50	
	Apr 02					1,435	2,547	
Ft Meade, MD	Award	None	\$ 0	50	2,862	Yr 1-10	Yr 1-10	
	Dec 01					422	2,440	308
	Transfer					Yr 11-50	Yr 11-50	
	May 02					112	3,058	

#### FH-6 Exhibit, Family Housing Privatization

Deal Closing Notify Notify Year of Congress Congress Contract Funding³ Notification Installation / State # Units1 Solicitation Selection Award² (AFH-C) Authority⁴ Sep-99 \$10.1 Sec 2873 FY 1996 Ft Carson, CO 2,663 Sep-96 Sep-99 FY 1996 FY 1999 Ft Hood, TX 5,912 Dec-98 Jan-00 Apr-01 \$52.0 Sec 2875 FY 2000 FY 2000 Ft Lewis, WA 3,982 Nov-99 Jul-00 Oct-01 \$0.0 Sec 2875 FY 2000 Dec-01 \$0.0 Ft Meade, MD 3,170 Mar-00 Aug-00 Sec 2875 FY 2001 5,395 Sec 2875 Ft Bragg, NC Jul-01 Mar-02 Apr-03 \$49.4 FY 2002 FY 2001 Ft Campbell, KY 4,807 Jul-01 Jun-02 May-03 \$52.2 Sec 2875 FY 2002 \$7.9 FY 1998 FY 2001 Ft Stewart-Hunter Army Airfield, GA 3,703 Jul-01 Sep-02 Sep-03 \$37.4 Sec 2875 FY 2002 FY 2001 Ft Polk, LA 3.641 Jul-01 Jan-04 \$64.0 Sec 2875 Jan-03 FY 2003 FY 2001 Presidio of Monterey, CA 1,675 Sep-01 Apr-02 Apr-03 \$0.0 Sec 2875 FY 2001 Ft Irwin/Moffett Airfield/PRTC, CA 3,052 Sep-01 Jul-02 Jul-03 \$0.0 Sec 2875 FY 2002 Ft Hamilton, NY 228 Nov-01 Jul-02 Apr-03 \$2.2 Sec 2875 FY 2002 Apr-05 \$0.5 FY 2002 Picatinny Arsenal, NJ 116 Nov-01Mar-04 Sec 2875 FY 2002

#### FH-6 Exhibit, Family Housing Privatization (Continued)

			Notify	Notify	Deal Closing /		
Year of	Tootallation / Obata	U 77	Congress	Congress	Contract		714
Notification FY 2002	Installation / State Walter Reed Army Medical Center, DC	# Onics 221	Solicitation Nov-01	Feb-03	Sep-03	(AFH-C) \$0.1 FY 2002	Authority ⁴ Sec 2875
FY 2002	Ft Detrick, MD	173	Nov-01	May-03	Dec-03	\$1.2 FY2002	Sec 2875
FY 2002	Ft Belvoir, VA	3,068	Nov-01	Jul-02	Aug-03	\$4.5 FY2003	Sec 2875
FY 2002	Ft Eustis - Ft Story, VA	1,193	Nov-01	Nov-02	Oct-03	\$14.8 FY 2003	Sec 2875
FY 2002	Ft Shafter - Schofield Barracks, HI	7,364	Aug-02	May-03	May-04	\$21.0 FY 2003	Sec 2875
FY 2003	Ft Leonard Wood, MO	2,272	Jan-03	Aug-03	Oct-04	\$45.0 FY 2003	Sec 2875
FY 2003	Ft Sam Houston, TX	926	Jan-03	Jan-04	Mar-05	\$6.6 FY 2004	Sec 2875
FY 2003	Ft Bliss, TX	2,776	Jan-03	Jun-04	Jul-05	\$38.0 FY 2004	Sec 2875
FY 2003	Ft Drum, NY	2,272	Mar-03	Oct-03	Dec-04	\$52.0 FY 2004	Sec 2875
FY 2003	Carlisle Barracks, PA	316	Mar-03	Mar-04	Apr-04	\$23.0 FY 2004	Sec 2875
FY 2004	Ft Benning, GA	4,055	Jan-04	Aug-04	Aug-05	\$57.9 FY 2005	Sec 2875

#### FH-6 Exhibit, Family Housing Privatization (Continued)

					Deal Closing		
			Notify	Notify	/	_	
Year of			Congress	Congress	Contract	:Funding ²	
Notification	n Installation / State	# Units	Solicitation	Selection	${ t Award}^1$	(AFH-C)	Authority
FY 2004	Ft Rucker, AL	1,516	Jan-04	Nov-04	Nov-05	\$24.0 FY 2005	Sec 2875
FY 2004	Ft Gordon, GA	872	Jan-04	Mar-05	Mar-06	\$9.1 FY 2005	Sec 2875
FY 2004	Ft Knox, KY	3,380	Jan-04	Aug-04	Aug-05	\$31.9 FY 2005	Sec 2875
FY 2004	Ft Leavenworth, KS	1,580	Jan-04	Nov-04	Nov-05	\$15.4 FY 2005	Sec 2875
FY 2004	Redstone Arsenal, AL	503	Jan-04	Mar-05	Mar-06	\$4.4 FY 2005	Sec 2875

Family Housing requirement based on Housing Market Analysis

² End of 45-day congressional review of Community Development and Management Plan (CDMP). Army issues Notice to transition
³ Source of all funds is AFH Construction. Amounts transferred to FHIF are identified
⁴ Sec 2873 = loan guarantee. Sec 2875

### ARMY FAMILY HOUSING FY 2004 BUDGET ESTIMATE

# MILITARY HOUSING PRIVATIZATION INITIATIVE (MHPI) (Continued) RECONCILIATION OF INCREASES AND DECREASES EXHIBIT OP-5

1.	FY 2002 Obligation	<pre>\$ In Thousands [19,763]</pre>	
2.	FY 2003 Appropriation	20,9	26
3.	Congressional Adjustment a. CSRS Reduction b. Economic Assumption	-3 -153 -150	303
4.	FY 2003 Adjusted Appropriation	20,6	523
5.	Congressional Reprogramming	5,0	000
6.	FY 2003 Current Estimate	25,6	523
7.	Price Adjustments: a. Non-Pay Inflation b. Pay Inflation c. One extra compensatory day	1 121 39 2	62
8.	Program adjustment: Increase in costs for construction oversight and portfolio management costs as additional installations transition to privatized operations. In FY 04, nine projects are privatized for the full year, and seven additional projects transition during FY 2004.	3,8	302
9.	FY 2004 Budget Request	29,5	87

#### Explanation of Budget Request

The Army requires \$29.6 million in FY 2004 to fund the operations and implementation of an expanding RCI program. The budget request provides for civilian pay, travel, environmental and real estate surveys, training, real estate advisory services, legal services, fees to the selected developers for preparation of the CDMPs, procurement costs associated with selecting the development partner, and portfolio management of the privatized housing inventory. The FY 2004 request supports preparation of CDMPs at six installations; the due diligence and other preliminary assessment work for six additional installations; and portfolio management of nine projects to be privatized prior to, and seven projects which will transition during, FY 2004.

The U.S. Army Corps of Engineers (USACE) provides extensive support to the RCI program. USACE manages the environmental survey and documentation process, real estate actions, and the procurement process for selecting partners. The procurement process includes the Source Selection Evaluation Boards to review qualifications and select development partners, and payment of a fixed fee to the developer for preparation of the CDMP.

The Army supplements the civilian workforce with professional knowledge and experience of industry experts in real estate and financial markets, property management, due diligence, proforma modeling, and negotiating the structure of large-scale real estate development partnerships. By teaming with industry experts the Army can obtain a level of professional services needed to balance the skills and knowledge the developer brings to the negotiating table. Contracting for private sector advisors provides a flexible option for expanding and shrinking the workforce and skill sets needed as workload varies. The industry experts advise and assist government personnel to maximize program benefits, protect the government's interest, and ensure negotiation of the best deals for the Army.

### ARMY FAMILY HOUSING FY 2004 BUDGET ESTIMATE

MILITARY HOUSING PRIVATIZATION INITIATIVE (MHPI) (Continued)

The budget request includes funding to continue development and implementation of the portfolio management processes for monitoring construction, renovation, operations, and project finances. The goal of portfolio management is to systematically oversee the risks associated with ownership of diverse real estate assets to protect the government's interests over the 50-year term of the projects.

The table below summarizes RCI program management and operations costs for FY 2004.

	\$ Thousands
Program Management (HQ and Installations)	\$ 4,250
Real Estate and Legal Services Community Development Management Plan Fees	\$11,480 \$ 2,100
U.S. Army Corps of Engineers Services Environmental/Procurement Support	\$ 6,987
Post-Award Portfolio Management	\$ 4,770
Total	\$29,587

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### ARMY FAMILY HOUSING FY 2004 BUDGET ESTIMATE DEBT PAYMENT ACCOUNT

# (\$ in Thousands) FY 2004 Budget Request \$1 FY 2003 Current Estimate \$1 FY 2003 Appropriation \$1

#### PURPOSE AND SCOPE

This program includes payments of Servicemen's Mortgage Insurance Premiums to the Federal Housing Administration for mortgages assumed by active military personnel for housing purchased by them. The Army has no outstanding debt for Capehart or Wherry mortgages.

#### PROGRAM SUMMARY

Authorization is required for the appropriation of \$1,000 in FY 2004.

#### JUSTIFICATION

This program provides for the payment of premiums due on mortgage insurance provided by the Federal Housing Administration for housing mortgages purchased by active duty military personnel. Also, it continues payments for cases where a service member dies while on active duty and leaves a surviving spouse as owner of the property. Payments extend for a period of two years after death, or until the spouse disposes of the property, whichever occurs first. The premium rate is 1/2 of 1 percent of the unpaid balance of the mortgage. This program was discontinued through Public Law 93-130 (Military Construction Appropriation Act, 1980), which allowed coverage only on existing mortgages obtained prior to FY 1980.

SERVICEMEN'S MORTGAGE INSURANCE PREMIUMS

		NUMBER	(\$)	(\$000)
		MORTGAGES	ESTIMATED	ESTIMATED
	ESTIMATED	WITH	AVERAGE	PAYMENT FOR
FISCAL YEAR	TERMINATIONS	PAYMENTS	PAYMENT	YEAR
2002	0	1	400.00	1
2003	0	1	400.00	1
2004	0	1	400.00	1

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## ARMY FAMILY HOUSING FY 2004 BUDGET ESTIMATE REIMBURSABLE PROGRAM

#### (\$ in Thousands)

-			, ,	
	FY	2004	Budget Request	\$22,000
	FΥ	2003	Current Estimate	\$22,000
	FY	2003	Appropriation	\$22,000

The reimbursable program provides for the collection and use of payments for utilities and services, routine maintenance and repair, rents associated with the use of government housing and trailer pads by authorized occupants, and damages caused by occupant negligence.

The following table shows the source of receipts for the family housing account.

	FY 2002(Obligation)	FY 2003(Curr. Est)	FY 2004
Non-Federal Sources	14,955	18,480	18,480
Federal Sources	2,849	3,520	3,520

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## FY 2004 Budget Estimate

# Homeowners Assistance Fund, Defense

Justification Data Submitted to Congress February 2003



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#### HOMEOWNERS ASSISTANCE FUND, DEFENSE FY 2004 BUDGET ESTIMATE SUMMARY

#### (In Thousands)

FY 2004 Program/Appropriation \$ 17,674 / -0-FY 2003 Program/Appropriation \$ 16,320 / -0-

#### Program and Scope

This fund finances a program for providing assistance to homeowners by reducing their losses incident to the disposal of their homes when the military installations at or near where they are serving or employed are ordered to be closed or the scope of operations is reduced. It was established in recognition of the fact that base closure and reduction actions can have serious economic effects on local communities. Military, federal civilian personnel and Non-appropriated Fund employees, who are required to relocate as a result of or during such actions, frequently cannot dispose of their homes under reasonable terms and conditions, and suffer severe financial hardship.

In order to determine the effect of the closure or reduction action on local communities, a Market Impact Study (MIS) is performed. The MIS addresses real estate market and overall economic conditions relative to the closure or reduction action, and includes appraisals of area properties before and after the announcement. Factors in determining market impact include: a significant decline in real estate market value; significant increases in inventory of unsold houses, average number of days on the market; foreclosures; decrease in home sales; and inability of affected personnel to sell homes for the amount of the existing mortgage(s). If the MIS demonstrates sufficient impact on the market and establishes a causal relationship, a program is implemented. Eligible applicants may be reimbursed for certain losses resulting from the sale of their home.

Benefits under the program include payment of partial compensation for losses sustained in the private sale of the dwelling; payment of the costs of a judicial foreclosure of a mortgage; or purchase of a dwelling by liquidating or assuming the outstanding mortgage(s).

Although the program provides for acquisition of dwellings, the Government does so only for the accommodation of the applicant. The homes are then resold by the Government. Every effort is made to insure that each applicant is treated equally and receives the maximum benefits under the law as rapidly as practicable, but with a minimum expenditure of time and money for administration.

#### **Program Summary**

The FY 2004 budget requests no additional authorization of appropriations and appropriations to fund Homeowners Assistance Fund program expenses. Total program estimate for FY 2004 is \$16,320,038 and will be funded with revenue from sales of acquired properties, and prior year unobligated balances. Program expenses include payments to homeowners for losses on private sales; cost of judicial foreclosure; property acquisition by liquidating and/or assuming outstanding mortgages; partial payment of homeowners' lost equity on government acquisitions; retirement of debt after sale of properties when the government assumes mortgages; and administrative expenses.

The Homeowners Assistance Fund, Defense (HOA) is a non-expiring revolving fund. The Program Financial Summary chart that follows shows that the fund receives funding from several sources: appropriations, borrowing authority, reimbursable authority, prior fiscal year unobligated balances, appropriation transfers, revenue from sale of acquired properties, and recovery of prior year obligations. 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, periodic appropriated funds are required to maintain its solvency as a revolving fund. In the past, Congress has authorized the transfer of funds from the BRAC account to the Homeowners Assistance Fund.

Current program estimates indicate HAP financial condition is satisfactory through FY 2004, requiring no additional funding. This estimate is based on currently identified requirements from unit restationing, base realignments and closures. DoD plans for infrastructure and staff reductions may increase HAP costs in the future.

#### AUTHORIZATION AND APPRORIATION LANGUAGE HOMEOWNERS ASSISTANCE FUND, DEFENSE FY 2004

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- [\$-0-] to become available on October 1, 2003 and remain available until expended.

General Provision: Continue the annual provision of transfer authority from BRAC into HAP in the General Provisions of the Military Construction Appropriations Act.

### The chart below is a summary of the funding for the FY2002, FY2003 and FY2004 PROGRAM FINANCIAL SUMMARY

HOMEOWNERS ASSISTANCE FUND, DEFENSE	ACTUAL FY 2002	FY 2003	FY 2004
PROGRAM RESOURCES			
New Appropriation/TOA Requested Indefinite Borrowing Authority Transfer To/From Other Account	10,005,000 0 0	0 0 0	0 0 0
Total Budget Authority Requested	10,005,000	0	0
REIMBURSABLE RESOURCES			
Reimbursable Authority	0	0	0
OTHER PROGRAM RESOURCES			
Prior FY Unoblig Bal Brought FWD Unobligated Balance Transferred - TO / FROM Anticipated Revenue from Sale of Real Property Recovery of Prior Year Balances	22,357,512 0 2,522,642 1,123,824	22,699,109 0 6,285,417 0	11,310,032 0 9,051,585 0
TOTAL PROGRAM RESOURCES	36,008,978	28,984,526	20,361,617
PLANNED PROGRAM EXECUTION			
Payments to Homeowners Other Operating Cost Acquisition of Real Property Mortgages Assumed Retirement of Debt - Authority W/D	4,025,306 6,086,563 3,198,000 0	2,673,578 6,684,302 8,316,614 0 0	2,380,359 5,835,679 8,104,000 0
TOTAL PLANNED PROGRAM EXPENSE	13,309,869	17,674,494	16,320,038
ANTICIPATED EOY UNOBLIGATED :			
Unused - Mortgage Assumption Authority	0	0	0
Balance Carried Forward	22,699,109	11,310,032	4,041,579

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